



GEWISS

Domotics

Energy Din-Bloc-Box

Lighting

Trade Catalogue

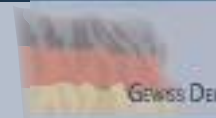
2010

GEWISS GROUP



FRANCE

GEWISS FRANCE - LES ULIS



GERMANY

GEWISS DEUTSCHLAND - MERENBERG



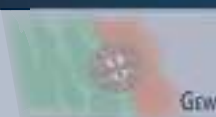
UNITED KINGDOM

GEWISS U.K. - CHIPPENHAM



SPAIN

GEWISS IBÉRICA - MADRID



PORTUGAL

GEWISS PORTUGAL - PENAFIEL



CHINA

GEWISS TRADING - SHANGAI



RUSSIA

GEWISS RUSSIA - MOSCOW



TURKEY

GEWISS ISTANBUL - ISTANBUL



ROMANIA

GEWISS ROMANIA - BUCAREST



CHILE

GEWISS CHILE - SANTIAGO DE CHILE



UAE

GEWISS GULF - DUBAI

GEWISS is an international leader in the production of systems and components for low voltage electrical installations.

The fact that development is seen as a constant management feature has permitted GEWISS to assert itself as a reference interlocutor for the electrotechnical market in the creation of solutions for domotics, energy and the lighting industry.

It is now present in Italy, France, Germany, the United Kingdom, Spain, Portugal, China, Russia, Turkey, Romania, Chile, the United Arab Emirates, and in a further 80 countries around the world.



ITALY

GEWISS HEADQUARTERS - CENATE SOTTO (BG) - ITALY

“ Development as a constant feature of management ”



Domotics

The domotic systems offer cutting-edge solutions for smart home and building management and control, guaranteeing safety, comfort and energy savings along with Italian design.

EnergyDin

The technologically advanced range of modular and moulded-case devices joins the vast range of distribution boards and cabinets, enclosures and combined boards to create the GEWISS Protection System.

EnergyBox

Special junction boxes and enclosures alongside a complete, co-ordinated line of enclosures and distribution boards. In addition, the GEWISS trunking systems are the element that combines the various system components.



EnergyBloc

Avant-garde industrial connections for the wide variety of applications guaranteed, and an integrated system of distribution boards for special systems - both fixed and mobile - for electric, design and functional co-ordination.























Lighting

The lighting solutions combine energy savings and visual comfort by offering products ideal for uses ranging from industry to street applications, from indoor and outdoor decoration to emergency lighting.

GEWISS

DOMOTICS ENERGY LIGHTING

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NEW FEATURES OF THE 2010 DOCUMENTATION



TRADE CATALOGUE

Intuitive, immediate and user-friendly, the Trade Catalogue contains all the information you need on the Domotica, EnergyDIN, EnergyBLOC, EnergyBOX and Lighting ranges: apart from the product codes, you can also find the current prices as of 1st January 2010, and the selection tables for each range.



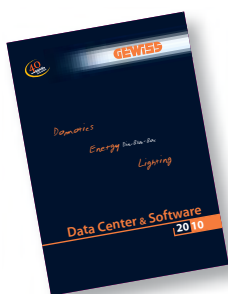
PRODUCT ALBUM

An overview of all the product families. In the Album you can find a description of the main characteristics and application advantages of the GEWISS solutions for home management, protection, energy distribution and lighting.



LIGHTING CATALOGUE

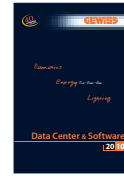
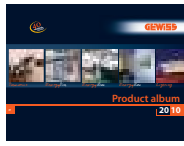
Conceived for the professionals of the world of lighting, the catalogue describes all the GEWISS lighting devices, with selection guides and technical tables to make your consultation and choice that much easier.



DVD DATA CENTER AND SOFTWARE

A useful multimedia support for professionals who want to access the information in the GEWISS catalogue from the comfort of their own PCs. The DVD contains:

- 2010 Software - the complete software suite for the design, budgeting and certification of the GEWISS range;
- Data Center - a multimedia catalogue for browsing the 2010 Trade Catalogue, the Product Album and the technical manuals.



Products Album

Trade Catalogue

Lighting Catalogue

DVD Data Center and software

Internet Portals

Product presentation	✓	✓	✓	✓	✓
Codes		✓	✓	✓	✓
Prices					✓
Technical characteristics					✓
Design support					✓
Assistance for estimates and the layout of contract specifications		✓	✓		✓
Certification assistance					✓
Technical assistance and training					✓
Sales assistance					✓
Product availability		✓	✓		✓
Order status					✓
Sales outlets					✓
Brands and homologation		✓	✓	✓	✓

GEWISS PROFESSIONAL

Created from the technological evolution in GEWISS, the GEWISS Professional skills centre spreads an electro-technical culture via:

- TRAINING - a range of courses to aid the professional and technical growth of the electro-technical experts.
- TEACHING - courses, manuals and equipment for technical school teachers.
- INNOVATION - a centre for spreading topics of social interest and as a point of exchange for people involved in plant engineering.
- SKILLS - teaching instruments and technical manuals for all those who want to develop their knowledge and learn about training activities.

The aim of GEWISS Professional is to help professionals increase their own, highly personal, unique and incomparable skills background via a path that leads them to fulfil their own professional potential. Installers and electrical designers, architects and professionals of the construction sector are the main target of the GEWISS Professional initiatives. But that's not all. The tools provided by GEWISS Professional will be a firm support for technical schools, universities, and production/entrepreneurial set-ups as well. For further information about the initiatives of GEWISS Professional, go to www.gewissprofesional.com.



GEWISS TRAINING

In recent years, GEWISS has dramatically increased its investments in training activities, by increasingly broadening the selection of activities dedicated to professionals of the electronics sector, in particular installers, designers, architects and building industry

representatives. In order to grasp the company's commitment, let's mention the number of activities pertaining to 2009: 800 training events (meetings, seminars, congresses and courses), which more than 50,000 professionals of the electronic sector attended.

Through these activities, GEWISS implements the objective of its "mission", that is the willingness to bring INNOVATION to the market.

Training is strategic to the whole sector, as the electrical world is evolving and the professionals concerned will increasingly have to possess adequate knowledge of the most modern system technologies. Today it is indispensable to possess cross-sector skills which foster the interaction between the electrical system and all the systems found in a building, by taking advantage of the automation and communication potentials offered by modern technologies.



www.gewiss.com



Thanks to the GEWISS electro-technical portal, you can keep up to date with the new ideas in the GEWISS range, follow on-line technical training courses, and consult the interactive catalogue and the technical bulletin. What's more, by accessing the GEWISS on-line services you'll receive prompt technical and commercial assistance at all times.

www.gewiss.tv



The first online TV of the electro-technical world, offering constant updates on all the innovations in this sector. On Gewiss.tv you'll find training videos, information, application references, and interviews with the experts.

www.gewiss.chorus.com



For all those who want to discover a new way of living the home, based around design, safety and practicality. The web area dedicated to the Chorus international domotic system lets you dress the walls of the home and choose the best solution for every room.

www.gewissprofessional.com



The site dedicated to the new GEWISS skills centre, promoting a new system culture via training courses, manuals, workshops and teaching kits for all those professionals who want to keep abreast of technological innovation.

www.spaziochorus.com




By just accessing the site, you can make a virtual tour through SPAZIO CHORUS, the intelligent GEWISS home in the heart of Fieramilano (Rho). Spaziochorus.com is a wonderful interactive experience applied to day-to-day life.

A complete software suite for the design, cost estimates and certification of the GEWISS range.




START PROLITE

Software for the control and management of Gewiss programs. It shows all the characteristics of the various software packages by means of descriptions, pictures and video courses, making the choice easier.



CAD GWCAD

Software for the design and cost estimate of residential and tertiary electrical systems. It allows to obtain the documents to be attached to the Declaration of Conformity.




NEW AESSE GWAESSE

Software to configure AS, ACS or ASD-type distribution boards of the pre-established Gewiss building system and write the technical documentation, cost estimate and plate.



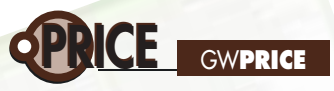
PROLITE PROLITE

Software for the lighting design of indoor and outdoor environments and the creation of the documentation to be supplied to the client as project selection aid.




PBT GWPBT-Q

Software for the design, sizing and cost estimate of BT systems and distribution boards. It also allows you to obtain the design of the front panel and carry out a thermal check.



PRICE GWPRICE

Software for the cost estimate of a complete electrical system. It may be used as a stand-alone or by importing data processed by other Gewiss programs.




CAP GWCAP

Software for the creation of bid specifications for electrical systems related to various application environments that may be selected by the user.




TEST GWTEST

Software for the certification and cost estimate of enclosures and distribution boards in a domestic and similar environment, in compliance with IEC 23-51.



37/08 GW37/08

Software to write the documentation related to the Declaration of Conformity of the up-to-standard system (Ministerial Decree 37/08 - IEC 0-3). It contains all the references to the main quality marks related to all Gewiss products.



BUS GWBUS

Software for the design and cost estimate of BUS systems.



DXF GWDXF

Software for managing the DXF drawings representing the Gewiss products, and for inserting them in AutoCad or GWCAD.



SINC GWSINC

Program for the automatic update of Gewiss software packages.

TECHNICAL ASSISTANCE SERVICE

- > Assistance for the layout of contract specifications
- > Assistance for cost estimates
- > Design assistance
- > Application software consulting
- > Applications of GEWISS products
- > GEWISS product certification
- > Assistance for system documentation
- > Information about quality marks and homologation

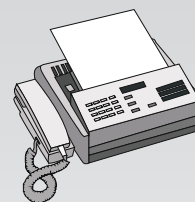


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The Chorus System

International domotic system

CHORUS, the international domotic system, offers cutting edge solutions for home and building management and control, integrating the latest technology with the unmistakable shapes and lines of Italian design.



SAFETY FUNCTIONALITY DESIGN

ELECTRONIC ENCLOSURES

COMPLETE ENCLOSURES

GW40811



FLUSH-MOUNTING ENCLOSURES EQUIPPED WITH SYSTEM MONITORING UNITS 230V - 50/60HZ - IP40 COMPLETE WITH RESIDUAL CURRENT CIRCUIT BREAKER WITH BUILT-IN RESTART AND AUTOTEST FUNCTIONS, AND MINIATURE CIRCUIT BREAKERS

Code	In RCCB	MCB 10A	MCB 16A	Colour	Free modules	Pack Carton
No. DIN MODULES: 12						
GW 40 801	25 A	1	3	Milk white	2	1/2
GW 40 811	25 A	1	3	Titanium	2	1/2
GW 40 806	25 A	1	3	Slate	2	1/2
No. DIN MODULES: 24 (12x2)						
GW 40 821	40 A	2	5	Milk white	11	1/2
GW 40 831	40 A	2	5	Titanium	11	1/2
GW 40 826	40 A	2	5	Slate	11	1/2

COMPOSITION: one ReStart residual current circuit breaker with Autotest, with automatic reset and regular functioning check, miniature circuit breakers as shown in the table, 1 shunt trip release, to be associated with a one-way switch for controlling a "non-priority" load.

CHARACTERISTICS: A-type residual current circuit breaker, I_{dn}=30 mA. Miniature circuit breakers, 2 poles, C-bend, I_{cn}=4.5 kA.

Adhesive labels with a graphic symbol for circuit identification. Cables complete with test prods and supporting terminal block for connecting the intelligent unit. Sensors for measuring drawn current and differential current. Module masks.

APPLICATIONS: the enclosures can be completed with the "GEWISS BIOCUMFORT GW96339" disconnection switch for systems in the bio-architecture field.

Suitable for use in a domestic environment - or similar - with contractual power up to 6KW.

NOTES: full insulation in compliance with Standard EN61140. Dimensions: 320x255x80 (12 modules), 320x360x80 (24 modules).

Dispersible power calculated according to IEC 23-49: 26W (12 modules), 36W (24 modules).

EMPTY ENCLOSURES

GW40271



FLUSH - MOUNTING ENCLOSURES EQUIPPED WITH A SYSTEM MONITORING UNIT 230V - 50/60HZ - IP40

Code	Colour	Outer dim. LxHxD (mm)	Dispersible power(W)	Pack Carton
No. DIN MODULES: 12				
GW 40 251	Milk white	320x255x80	26	1/2
GW 40 271	Titanium	320x255x80	26	1/2
GW 40 261	Slate	320x255x80	26	1/2
No. DIN MODULES: 24 (12x2)				
GW 40 256	Milk white	320x360x80	36	1/2
GW 40 276	Titanium	320x360x80	36	1/2
GW 40 266	Slate	320x360x80	36	1/2

CHARACTERISTICS: adhesive labels with graphic symbol to identify the users. Module masks.

Cables complete with test prods and supporting terminal board for connecting the intelligent unit. Sensors to measure the current consumption and differential current.

APPLICATIONS: suitable for use in the home, or similar environments, with a contractual power up to 6KW.

NOTES: dispersible power calculated according to CEI 23-49. Complete insulation, in accordance with Standard EN61140.

CO-ORDINATED ENCLOSURES

EMPTY ENCLOSURES

GW40991VT



CO-ORDINATED ENCLOSURES - FLUSH - MOUNTING

Code	Colour	External Dim. LxHxD (mm)	Dispersible power (W)	Pack Carton
No. DIN MODULES: 12				
GW 40 981 TB	Milk white	320x255x80	26	1/2
GW 40 981 VT	Titanium	320x255x80	26	1/2
GW 40 981 VA	Slate	320x255x80	26	1/2
No. DIN MODULES: 24 (12x2)				
GW 40 991 TB	Milk white	320x360x80	36	1/2
GW 40 991 VT	Titanium	320x360x80	36	1/2
GW 40 991 VA	Slate	320x360x80	36	1/2

CHARACTERISTICS: adhesive labels with symbol to identify the users. Module masks.

NOTES: dispersible power calculated according to CEI 23-49.

40 CDI - DECORATIVE ENCLOSURES - IP40

SMOKED TRANSPARENT DOOR

GW40229TB



DECORATIVE ENCLOSURES PRE-ARRANGED FOR HOUSING TERMINAL BLOCKS

Code	Colour	Front dim. LxHxD (mm)	Spare base	Dispersible power(W)	Characteristics	Pack Carton
No. DIN MODULES: 4+1/2						
GW 40 237 TB	Milk white	148x165x23	GW40671	13	Halogen free	12
GW 40 237 TN	Toner black	148x165x23	GW40671	13	Halogen free	12
GW 40 237 VT	Varnished titanium	148x165x23	GW40671	13	Halogen free	12
GW 40 237 VA	Varnished slate	148x165x23	GW40671	13	Halogen free	12
No. DIN MODULES: 8+1/2						
GW 40 225 TB	Milk white	250x195x26	GW40673	19	Halogen free	16
GW 40 225 TN	Toner black	250x195x26	GW40673	19	Halogen free	16
GW 40 225 VT	Varnished titanium	250x195x26	GW40673	19	Halogen free	16
GW 40 225 VA	Varnished slate	250x195x26	GW40673	19	Halogen free	16
No. DIN MODULES: 12+1						
GW 40 229 TB	Milk white	330x218x25	GW40674	24	Halogen free	12
GW 40 229 TN	Toner black	330x218x25	GW40674	24	Halogen free	12
GW 40 229 VT	Varnished titanium	330x218x25	GW40674	24	Halogen free	12
GW 40 229 VA	Varnished slate	330x218x25	GW40674	24	Halogen free	12
No. DIN MODULES: 24+2 (12x2)						
GW 40 233 TB	Milk white	330x338x28	GW40677	25	Halogen free	5
GW 40 233 TN	Toner black	330x338x28	GW40677	25	Halogen free	5
GW 40 233 VT	Varnished titanium	330x338x28	GW40677	25	Halogen free	5
GW 40 233 VA	Varnished slate	330x338x28	GW40677	25	Halogen free	5
No. DIN MODULES: 36+3 (12x3)						
GW 40 239 TB	Milk white	330x493x28	GW40679	42	Halogen free	5
GW 40 239 TN	Toner black	330x493x28	GW40679	42	Halogen free	5
GW 40 239 VT	Varnished titanium	330x493x28	GW40679	42	Halogen free	5
GW 40 239 VA	Varnished slate	330x493x28	GW40679	42	Halogen free	5

ACCESSORIES SUPPLIED: module masks, user labels, mortar guard element in cardboard supplied as standard in the packaging and packed with paper banding. Mortar guard element assembled by pressing on the base opening.

NOTES: dispersible power calculated according to IEC 23-49.

CHARACTERISTICS: IP40 even with the door open.

GW40227TN



DECORATIVE ENCLOSURES FITTED UP WITH TERMINAL BLOCK

Code	Colour	Front dim. LxHxD (mm)	Spare base	Dispersible power(W)	Pack Carton
No. DIN MODULES: 12+1					
GW 40 227 TB	Milk white	330x218x25	GW40674	24	12
GW 40 227 TN	Toner black	330x218x25	GW40674	24	12
GW 40 227 VT	Varnished titanium	330x218x25	GW40674	24	12
GW 40 227 VA	Varnished slate	330x218x25	GW40674	24	12
No. DIN MODULES: 24+2					
GW 40 231 TB	Milk white	330x338x28	GW40677	25	5
GW 40 231 TN	Toner black	330x338x28	GW40677	25	5
GW 40 231 VT	Varnished titanium	330x338x28	GW40677	25	5
GW 40 231 VA	Varnished slate	330x338x28	GW40677	25	5
No. DIN MODULES: 36+3					
GW 40 241 TB	Milk white	330x493x28	GW40679	42	5
GW 40 241 TN	Toner black	330x493x28	GW40679	42	5
GW 40 241 VT	Varnished titanium	330x493x28	GW40679	42	5
GW 40 241 VA	Varnished slate	330x493x28	GW40679	42	5

COMPLEMENTARY ITEMS

INSTALLATION AND COUPLING

GW40674



SPARE BASES FOR DECORATIVE ENCLOSURES

Code	Suitable for EN 50022	Suitable for code	Front dim. LxHxD (mm)	Pack Carton
GW 40 671	4	GW40237TB/TN/VT/VA	115x142x85	12
GW 40 673	8	GW40225TB/TN/VT/VA	209x174x81	16
GW 40 674	12	GW40229TB/TN/VT/VA - GW40227TB/TN/VT/VA	293x189x81	12
GW 40 677	24	GW40233TB/TN/VT/VA - GW40231TB/TN/VT/VA	294x310x80	5
GW 40 679	36	GW40239TB/TN/VT/VA - GW40241TB/TN/VT/VA	294x461x90	5

ACCESSORIES SUPPLIED: mortar guard element in cardboard supplied as standard in the packaging and packed with paper banding.

GW40467VT



PLASTIC MODULE COVER PROFILES - COLOURS CO-ORDINATED WITH 40CDI FLUSH- MOUNTING DECORATIVE ENCLOSURES

Code	Colour	No. modules DIN	Characteristics	Pack Carton
GW 40 467 TB	Milk white	6,5	Halogen free	50
GW 40 467 TN	Toner black	6,5	Halogen free	50
GW 40 467 VT	Titanium	6,5	Halogen free	50
GW 40 467 VA	Slate	6,5	Halogen free	50

CHARACTERISTICS: clip fixing on DIN perforated front panels; divisible up to 1/2 module, using scissors.

GW48645



KIT CONTAINING 4 LONG SELF-THREADING SCREWS WITH SPACERS FOR FIXING LIDS AND FRONTS

Code	Screw dim. (mm)	Spacer thickness (mm)	Pack Carton
GW 48 645	Ø 4x45	max 10 mm reducible	1/100

CHARACTERISTICS: the kit can also be used for the following flush-mounting ranges: CD/CDK (from 6 modules upwards), 48 CM and 42 RV.

GW40425



ELEMENT FOR COMBINED COUPLING OF ENCLOSURES AND FLUSH-MOUNTING DISTRIBUTION BOARDS CDKI

Code	Fixing	Characteristics	Pack Carton
GW 40 425	Clip	Halogen free	10

APPLICATIONS: for CDKI enclosures and boards from 12 modules upwards. For CDi furnishing enclosures of 8 and 12 modules.

WIRING

GW40402



TERMINAL BLOCKS WITH INSULATED NEUTRAL AND EARTH BARS FOR ENCLOSURES AND BOARDS

Code	Terminal block N (mm ²)	Terminal block T (mm ²)	For enclosures	Fixing	Pack Carton
GW 40 401	(1x25)+(7x10)	(1x25)+(7x10)	8 modules EN 50022	With screws	20
GW 40 402	(3x25)+(10x10)	(3x25)+(10x10)	12 modules EN 50022	With screws	20

ACCESSORIES SUPPLIED: fixing screws.

MISCELLANEOUS

GW40422



CYLINDER SECURITY LOCK

Code	For enclosures	Material	Pack Carton
GW 40 422	40 CDKi and 40 CDi	Pressure die-cast metal	1/10

APPLICATIONS: for 40 CDi of 24 and 36 modules.

ACCESSORIES SUPPLIED: 2 keys. All the keys are supplied with a standardised code.

NOTES: all the keys and locks supplied are standard, so the key can open all locks with the same product code.

ONE INTERNATIONAL PLATES

MILK WHITE



- GW 16 122 TB 2 gang
- GW 16 123 TB 2+2 horiz. gang
- GW 16 124 TB 2+2 vert. gang 71mm
- GW 16 125 TB 2+2 vert. gang 57mm
- GW 16 126 TB 2+2+2 horiz. gang
- GW 16 127 TB 2+2+2 vert. gang
- GW 16 128 TB 2+2+2+2 horiz. gang
- GW 16 129 TB 2+2+2+2 vert. gang

TITANIUM



- GW 16 122 VT 2 gang
- GW 16 123 VT 2+2 horiz. gang
- GW 16 124 VT 2+2 vert. gang 71mm
- GW 16 125 VT 2+2 vert. gang 57mm
- GW 16 126 VT 2+2+2 horiz. gang
- GW 16 127 VT 2+2+2 vert. gang
- GW 16 128 VT 2+2+2+2 horiz. gang
- GW 16 129 VT 2+2+2+2 vert. gang

CHROME



- GW 16 122 MC 2 gang
- GW 16 123 MC 2+2 horiz. gang
- GW 16 124 MC 2+2 vert. gang 71mm
- GW 16 125 MC 2+2 vert. gang 57mm
- GW 16 126 MC 2+2+2 horiz. gang
- GW 16 127 MC 2+2+2 vert. gang
- GW 16 128 MC 2+2+2+2 horiz. gang
- GW 16 129 MC 2+2+2+2 vert. gang

TONER BLACK



- GW 16 122 TN 2 gang
- GW 16 123 TN 2+2 horiz. gang
- GW 16 124 TN 2+2 vert. gang 71mm
- GW 16 125 TN 2+2 vert. gang 57mm
- GW 16 126 TN 2+2+2 horiz. gang
- GW 16 127 TN 2+2+2 vert. gang
- GW 16 128 TN 2+2+2+2 horiz. gang
- GW 16 129 TN 2+2+2+2 vert. gang

SLATE



- GW 16 122 VA 2 gang
- GW 16 123 VA 2+2 horiz. gang
- GW 16 124 VA 2+2 vert. gang 71mm
- GW 16 125 VA 2+2 vert. gang 57mm
- GW 16 126 VA 2+2+2 horiz. gang
- GW 16 127 VA 2+2+2 vert. gang
- GW 16 128 VA 2+2+2+2 horiz. gang
- GW 16 129 VA 2+2+2+2 vert. gang

GOLD



- GW 16 122 MO 2 gang
- GW 16 123 MO 2+2 horiz. gang
- GW 16 124 MO 2+2 vert. gang 71mm
- GW 16 125 MO 2+2 vert. gang 57mm
- GW 16 126 MO 2+2+2 horiz. gang
- GW 16 127 MO 2+2+2 vert. gang
- GW 16 128 MO 2+2+2+2 horiz. gang
- GW 16 129 MO 2+2+2+2 vert. gang

TECHNOPOLYMER

PAINTED TECHNOPOLYMER

METALLISED TECHNOPOLYMER

ONE INTERNATIONAL PLATES

PAINTED TECHNOPOLYMER - PASTEL COLOURS

RUBY



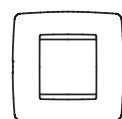
SEA BLUE



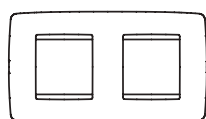
GW 16 122 VR	2 gang
GW 16 123 VR	2+2 horiz. gang
GW 16 124 VR	2+2 vert. gang 71mm
GW 16 125 VR	2+2 vert. gang 57mm
GW 16 126 VR	2+2+2 horiz. gang
GW 16 127 VR	2+2+2 vert. gang
GW 16 128 VR	2+2+2+2 horiz. gang
GW 16 129 VR	2+2+2+2 vert. gang

GW 16 122 VB	2 gang
GW 16 123 VB	2+2 horiz. gang
GW 16 124 VB	2+2 vert. gang 71mm
GW 16 125 VB	2+2 vert. gang 57mm
GW 16 126 VB	2+2+2 horiz. gang
GW 16 127 VB	2+2+2 vert. gang
GW 16 128 VB	2+2+2+2 horiz. gang
GW 16 129 VB	2+2+2+2 vert. gang

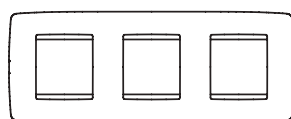
Modularity



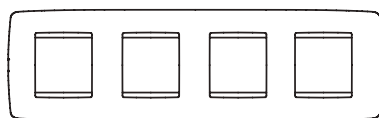
2 gang



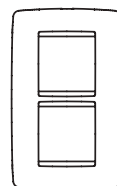
2 + 2 gangs



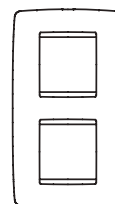
2+2+2 gangs



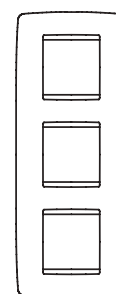
2+2+2+2 gangs



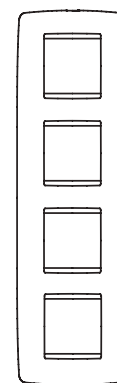
2 + 2 gangs
57mm



2 + 2 gangs
71mm



2+2+2 gangs



2+2+2+2 gangs

LUX INTERNATIONAL PLATES

TECHNOPOLYMER

MILK WHITE



- GW 16 222 TB 2 gang
- GW 16 223 TB 2+2 horiz. gang
- GW 16 224 TB 2+2 vert. gang 71mm
- GW 16 225 TB 2+2 vert. gang 57mm
- GW 16 226 TB 2+2+2 horiz. gang
- GW 16 227 TB 2+2+2 vert. gang
- GW 16 228 TB 2+2+2+2 horiz. gang
- GW 16 229 TB 2+2+2+2 vert. gang

TONER BLACK



- GW 16 222 TN 2 gang
- GW 16 223 TN 2+2 horiz. gang
- GW 16 224 TN 2+2 vert. gang 71mm
- GW 16 225 TN 2+2 vert. gang 57mm
- GW 16 226 TN 2+2+2 horiz. gang
- GW 16 227 TN 2+2+2 vert. gang
- GW 16 228 TN 2+2+2+2 horiz. gang
- GW 16 229 TN 2+2+2+2 vert. gang

PAINTED TECHNOPOLYMER

TITANIUM



- GW 16 222 VT 2 gang
- GW 16 223 VT 2+2 horiz. gang
- GW 16 224 VT 2+2 vert. gang 71mm
- GW 16 225 VT 2+2 vert. gang 57mm
- GW 16 226 VT 2+2+2 horiz. gang
- GW 16 227 VT 2+2+2 vert. gang
- GW 16 228 VT 2+2+2+2 horiz. gang
- GW 16 229 VT 2+2+2+2 vert. gang

SLATE



- GW 16 222 VA 2 gang
- GW 16 223 VA 2+2 horiz. gang
- GW 16 224 VA 2+2 vert. gang 71mm
- GW 16 225 VA 2+2 vert. gang 57mm
- GW 16 226 VA 2+2+2 horiz. gang
- GW 16 227 VA 2+2+2 vert. gang
- GW 16 228 VA 2+2+2+2 horiz. gang
- GW 16 229 VA 2+2+2+2 vert. gang

METALLISED TECHNOPOLYMER

CHROME



- GW 16 222 MC 2 gang
- GW 16 223 MC 2+2 horiz. gang
- GW 16 224 MC 2+2 vert. gang 71mm
- GW 16 225 MC 2+2 vert. gang 57mm
- GW 16 226 MC 2+2+2 horiz. gang
- GW 16 227 MC 2+2+2 vert. gang
- GW 16 228 MC 2+2+2+2 horiz. gang
- GW 16 229 MC 2+2+2+2 vert. gang

GOLD



- GW 16 222 MO 2 gang
- GW 16 223 MO 2+2 horiz. gang
- GW 16 224 MO 2+2 vert. gang 71mm
- GW 16 225 MO 2+2 vert. gang 57mm
- GW 16 226 MO 2+2+2 horiz. gang
- GW 16 227 MO 2+2+2 vert. gang
- GW 16 228 MO 2+2+2+2 horiz. gang
- GW 16 229 MO 2+2+2+2 vert. gang

WOOD FINISH

MAPLE



- GW 16 222 LA 2 gang
- GW 16 223 LA 2+2 horiz. gang
- GW 16 224 LA 2+2 vert. gang 71mm
- GW 16 225 LA 2+2 vert. gang 57mm
- GW 16 226 LA 2+2+2 horiz. gang
- GW 16 227 LA 2+2+2 vert. gang
- GW 16 228 LA 2+2+2+2 horiz. gang
- GW 16 229 LA 2+2+2+2 vert. gang

WENGE



- GW 16 222 LW 2 gang
- GW 16 223 LW 2+2 horiz. gang
- GW 16 224 LW 2+2 vert. gang 71mm
- GW 16 225 LW 2+2 vert. gang 57mm
- GW 16 226 LW 2+2+2 horiz. gang
- GW 16 227 LW 2+2+2 vert. gang
- GW 16 228 LW 2+2+2+2 horiz. gang
- GW 16 229 LW 2+2+2+2 vert. gang

CHERRY



- GW 16 222 LC 2 gang
- GW 16 223 LC 2+2 horiz. gang
- GW 16 224 LC 2+2 vert. gang 71mm
- GW 16 225 LC 2+2 vert. gang 57mm
- GW 16 226 LC 2+2+2 horiz. gang
- GW 16 227 LC 2+2+2 vert. gang
- GW 16 228 LC 2+2+2+2 horiz. gang
- GW 16 229 LC 2+2+2+2 vert. gang

LEATHER FINISH

BLACK



- GW 16 222 PN 2 gang
- GW 16 223 PN 2+2 horiz. gang
- GW 16 224 PN 2+2 vert. gang 71mm
- GW 16 225 PN 2+2 vert. gang 57mm
- GW 16 226 PN 2+2+2 horiz. gang
- GW 16 227 PN 2+2+2 vert. gang
- GW 16 228 PN 2+2+2+2 horiz. gang
- GW 16 229 PN 2+2+2+2 vert. gang

WHITE



- GW 16 222 PB 2 gang
- GW 16 223 PB 2+2 horiz. gang
- GW 16 224 PB 2+2 vert. gang 71mm
- GW 16 225 PB 2+2 vert. gang 57mm
- GW 16 226 PB 2+2+2 horiz. gang
- GW 16 227 PB 2+2+2 vert. gang
- GW 16 228 PB 2+2+2+2 horiz. gang
- GW 16 229 PB 2+2+2+2 vert. gang

RUBY



- GW 16 222 PR 2 gang
- GW 16 223 PR 2+2 horiz. gang
- GW 16 224 PR 2+2 vert. gang 71mm
- GW 16 225 PR 2+2 vert. gang 57mm
- GW 16 226 PR 2+2+2 horiz. gang
- GW 16 227 PR 2+2+2 vert. gang
- GW 16 228 PR 2+2+2+2 horiz. gang
- GW 16 229 PR 2+2+2+2 vert. gang

LUX INTERNATIONAL PLATES

STONE FINISH

LAVA



- GW 16 222 RL 2 gang
- GW 16 223 RL 2+2 horiz. gang
- GW 16 224 RL 2+2 vert. gang 71mm
- GW 16 225 RL 2+2 vert. gang 57mm
- GW 16 226 RL 2+2+2 horiz. gang
- GW 16 227 RL 2+2+2 vert. gang
- GW 16 228 RL 2+2+2+2 horiz. gang
- GW 16 229 RL 2+2+2+2 vert. gang

SAND



- GW 16 222 RS 2 gang
- GW 16 223 RS 2+2 horiz. gang
- GW 16 224 RS 2+2 vert. gang 71mm
- GW 16 225 RS 2+2 vert. gang 57mm
- GW 16 226 RS 2+2+2 horiz. gang
- GW 16 227 RS 2+2+2 vert. gang
- GW 16 228 RS 2+2+2+2 horiz. gang
- GW 16 229 RS 2+2+2+2 vert. gang

MOON



- GW 16 222 RN 2 gang
- GW 16 223 RN 2+2 horiz. gang
- GW 16 224 RN 2+2 vert. gang 71mm
- GW 16 225 RN 2+2 vert. gang 57mm
- GW 16 226 RN 2+2+2 horiz. gang
- GW 16 227 RN 2+2+2 vert. gang
- GW 16 228 RN 2+2+2+2 horiz. gang
- GW 16 229 RN 2+2+2+2 vert. gang

METAL

BRUSHED STAINLESS STEEL



- GW 16 222 MI 2 gang
- GW 16 223 MI 2+2 horiz. gang
- GW 16 224 MI 2+2 vert. gang 71mm
- GW 16 225 MI 2+2 vert. gang 57mm
- GW 16 226 MI 2+2+2 horiz. gang
- GW 16 227 MI 2+2+2 vert. gang
- GW 16 228 MI 2+2+2+2 horiz. gang
- GW 16 229 MI 2+2+2+2 vert. gang

BLACK ALUMINIUM



- GW 16 222 MA 2 gang
- GW 16 223 MA 2+2 horiz. gang
- GW 16 224 MA 2+2 vert. gang 71mm
- GW 16 225 MA 2+2 vert. gang 57mm
- GW 16 226 MA 2+2+2 horiz. gang
- GW 16 227 MA 2+2+2 vert. gang
- GW 16 228 MA 2+2+2+2 horiz. gang
- GW 16 229 MA 2+2+2+2 vert. gang

OXIDISED FINISH



- GW 16 222 MF 2 gang
- GW 16 223 MF 2+2 horiz. gang
- GW 16 224 MF 2+2 vert. gang 71mm
- GW 16 225 MF 2+2 vert. gang 57mm
- GW 16 226 MF 2+2+2 horiz. gang
- GW 16 227 MF 2+2+2 vert. gang
- GW 16 228 MF 2+2+2+2 horiz. gang
- GW 16 229 MF 2+2+2+2 vert. gang

GLASS

ICE



- GW 16 222 CG 2 gang
- GW 16 223 CG 2+2 horiz. gang
- GW 16 224 CG 2+2 vert. gang 71mm
- GW 16 225 CG 2+2 vert. gang 57mm
- GW 16 226 CG 2+2+2 horiz. gang
- GW 16 227 CG 2+2+2 vert. gang
- GW 16 228 CG 2+2+2+2 horiz. gang
- GW 16 229 CG 2+2+2+2 vert. gang

OCHRE



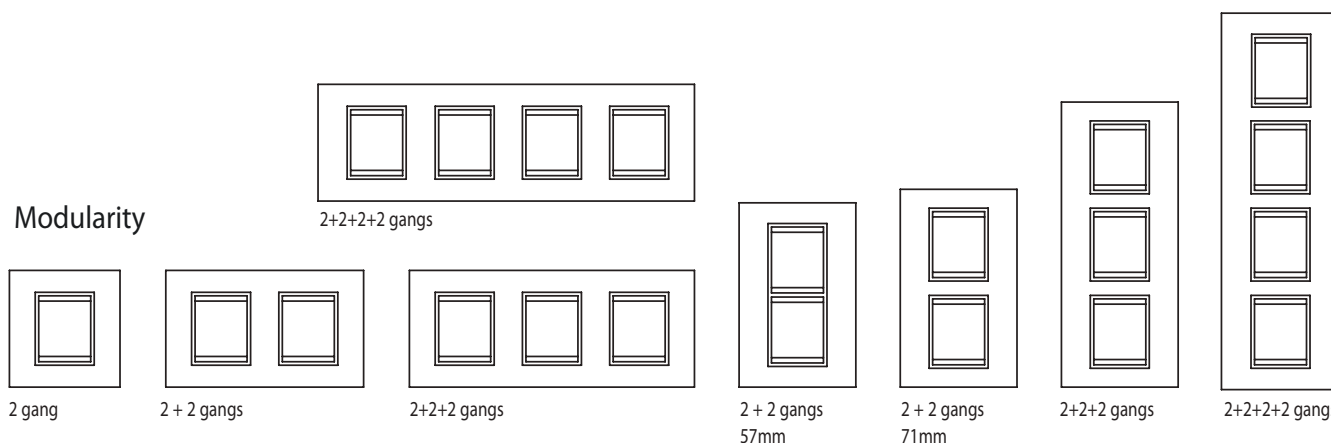
- GW 16 222 CO 2 gang
- GW 16 223 CO 2+2 horiz. gang
- GW 16 224 CO 2+2 vert. gang 71mm
- GW 16 225 CO 2+2 vert. gang 57mm
- GW 16 226 CO 2+2+2 horiz. gang
- GW 16 227 CO 2+2+2 vert. gang
- GW 16 228 CO 2+2+2+2 horiz. gang
- GW 16 229 CO 2+2+2+2 vert. gang

AQUAMARINE



- GW 16 222 CA 2 gang
- GW 16 223 CA 2+2 horiz. gang
- GW 16 224 CA 2+2 vert. gang 71mm
- GW 16 225 CA 2+2 vert. gang 57mm
- GW 16 226 CA 2+2+2 horiz. gang
- GW 16 227 CA 2+2+2 vert. gang
- GW 16 228 CA 2+2+2+2 horiz. gang
- GW 16 229 CA 2+2+2+2 vert. gang

Modularity



ONE PLATES

TECHNOPOLYMER

MILK WHITE



- GW 16 102 TB 2 gang
- GW 16 103 TB 3 gang
- GW 16 104 TB 4 gang
- GW 16 106 TB 6 gang
- GW 16 108 TB 8 gang
- GW 16 112 TB 12 gang

TITANIUM



- GW 16 102 VT 2 gang
- GW 16 103 VT 3 gang
- GW 16 104 VT 4 gang
- GW 16 106 VT 6 gang
- GW 16 108 VT 8 gang
- GW 16 112 VT 12 gang

CHROME



- GW 16 102 MC 2 gang
- GW 16 103 MC 3 gang
- GW 16 104 MC 4 gang
- GW 16 106 MC 6 gang

PAINTED TECHNOPOLYMER

TONER BLACK



- GW 16 102 TN 2 gang
- GW 16 103 TN 3 gang
- GW 16 104 TN 4 gang
- GW 16 106 TN 6 gang

SLATE



- GW 16 102 VA 2 gang
- GW 16 103 VA 3 gang
- GW 16 104 VA 4 gang
- GW 16 106 VA 6 gang

METALLISED TECHNOPOLYMER

GOLD



- GW 16 102 MO 2 gang
- GW 16 103 MO 3 gang
- GW 16 104 MO 4 gang
- GW 16 106 MO 6 gang

PAINTED TECHNOPOLYMER - PASTEL COLOURS

RUBY



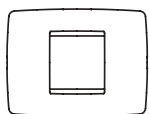
- GW 16 102 VR 2 gang
- GW 16 103 VR 3 gang
- GW 16 104 VR 4 gang
- GW 16 106 VR 6 gang

SEA BLUE

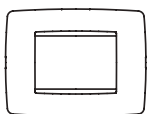


- GW 16 102 VB 2 gang
- GW 16 103 VB 3 gang
- GW 16 104 VB 4 gang
- GW 16 106 VB 6 gang

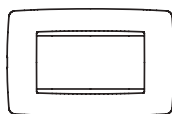
Modularity



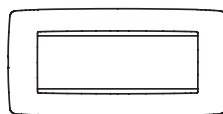
2 gang



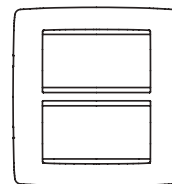
3 gang



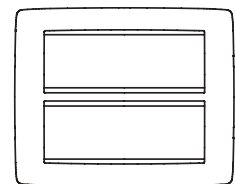
4 gang



6 gang



4 + 4 gang



6 + 6 gang

GEO PLATES

TECHNOPOLYMER

MILK WHITE



- GW 16 402 TB 2 gang
- GW 16 403 TB 3 gang
- GW 16 404 TB 4 gang
- GW 16 406 TB 6 gang

TITANIUM



- GW 16 402 VT 2 gang
- GW 16 403 VT 3 gang
- GW 16 404 VT 4 gang
- GW 16 406 VT 6 gang

CHROME



- GW 16 402 MC 2 gang
- GW 16 403 MC 3 gang
- GW 16 404 MC 4 gang
- GW 16 406 MC 6 gang

PAINTED TECHNOPOLYMER

TONER BLACK



- GW 16 402 TN 2 gang
- GW 16 403 TN 3 gang
- GW 16 404 TN 4 gang
- GW 16 406 TN 6 gang

SLATE



- GW 16 402 VA 2 gang
- GW 16 403 VA 3 gang
- GW 16 404 VA 4 gang
- GW 16 406 VA 6 gang

METALLISED TECHNOPOLYMER

GOLD



- GW 16 402 MO 2 gang
- GW 16 403 MO 3 gang
- GW 16 404 MO 4 gang
- GW 16 406 MO 6 gang

PAINTED TECHNOPOLYMER - PASTEL COLOURS

RUBY



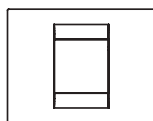
- GW 16 402 VR 2 gang
- GW 16 403 VR 3 gang
- GW 16 404 VR 4 gang
- GW 16 406 VR 6 gang

SEA BLUE

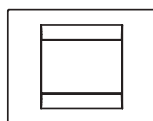


- GW 16 402 VB 2 gang
- GW 16 403 VB 3 gang
- GW 16 404 VB 4 gang
- GW 16 406 VB 6 gang

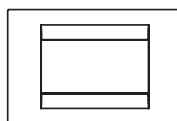
Modularity



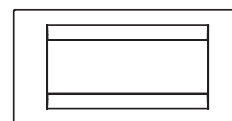
2 gang



3 gang



4 gang

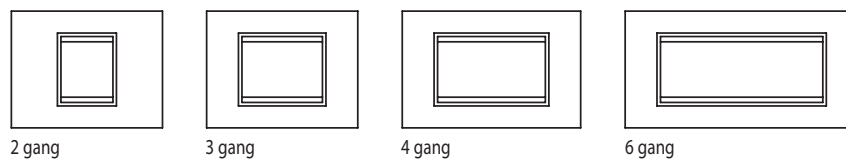


6 gang

LUX PLATES

	MILK WHITE	TITANIUM	CHROME
TECHNOPOLYMER			
	GW 16 202 TB 2 gang GW 16 203 TB 3 gang GW 16 204 TB 4 gang GW 16 206 TB 6 gang	GW 16 202 VT 2 gang GW 16 203 VT 3 gang GW 16 204 VT 4 gang GW 16 206 VT 6 gang	GW 16 202 MC 2 gang GW 16 203 MC 3 gang GW 16 204 MC 4 gang GW 16 206 MC 6 gang
PAINTED TECHNOPOLYMER			
	GW 16 202 TN 2 gang GW 16 203 TN 3 gang GW 16 204 TN 4 gang GW 16 206 TN 6 gang	GW 16 202 VA 2 gang GW 16 203 VA 3 gang GW 16 204 VA 4 gang GW 16 206 VA 6 gang	GW 16 202 MO 2 gang GW 16 203 MO 3 gang GW 16 204 MO 4 gang GW 16 206 MO 6 gang
Wood			
	GW 16 202 LA 2 gang GW 16 203 LA 3 gang GW 16 204 LA 4 gang GW 16 206 LA 6 gang	GW 16 202 LW 2 gang GW 16 203 LW 3 gang GW 16 204 LW 4 gang GW 16 206 LW 6 gang	GW 16 202 LC 2 gang GW 16 203 LC 3 gang GW 16 204 LC 4 gang GW 16 206 LC 6 gang

Modularity



LUX PLATES



METAL

BRUSHED STAINLESS STEEL



- GW 16 202 MI 2 gang
- GW 16 203 MI 3 gang
- GW 16 204 MI 4 gang
- GW 16 206 MI 6 gang

GUNBARREL GREY

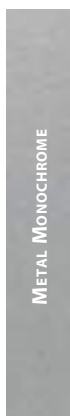


- GW 16 202 ML 2 gang
- GW 16 203 ML 3 gang
- GW 16 204 ML 4 gang
- GW 16 206 ML 6 gang

OXIDISED FINISH

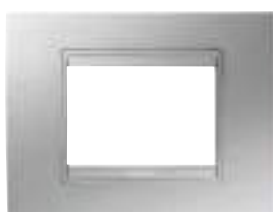


- GW 16 202 MD 2 gang
- GW 16 203 MD 3 gang
- GW 16 204 MD 4 gang
- GW 16 206 MD 6 gang



METAL MONOCHROME

TITANIUM



- GW 16 202 XT 2 gang
- GW 16 203 XT 3 gang
- GW 16 204 XT 4 gang
- GW 16 206 XT 6 gang



LEATHER

BLACK



- GW 16 202 PN 2 gang
- GW 16 203 PN 3 gang
- GW 16 204 PN 4 gang
- GW 16 206 PN 6 gang

WHITE



- GW 16 202 PB 2 gang
- GW 16 203 PB 3 gang
- GW 16 204 PB 4 gang
- GW 16 206 PB 6 gang

RUBY



- GW 16 202 PR 2 gang
- GW 16 203 PR 3 gang
- GW 16 204 PR 4 gang
- GW 16 206 PR 6 gang



GLASS

ICE



- GW 16 202 CG 2 gang
- GW 16 203 CG 3 gang
- GW 16 204 CG 4 gang
- GW 16 206 CG 6 gang

AQUAMARINE



- GW 16 202 CA 2 gang
- GW 16 203 CA 3 gang
- GW 16 204 CA 4 gang
- GW 16 206 CA 6 gang

OCHRE



- GW 16 202 CO 2 gang
- GW 16 203 CO 3 gang
- GW 16 204 CO 4 gang
- GW 16 206 CO 6 gang

FLAT PLATES

GLASS

FLASH WHITE



- GW 16 602 CB 2 gang
- GW 16 603 CB 3 gang
- GW 16 604 CB 4 gang

STRONG BLACK



- GW 16 602 CN 2 gang
- GW 16 603 CN 3 gang
- GW 16 604 CN 4 gang

SKY BLUE



- GW 16 602 CA 2 gang
- GW 16 603 CA 3 gang
- GW 16 604 CA 4 gang

OCEAN BLUE



- GW 16 602 CL 2 gang
- GW 16 603 CL 3 gang
- GW 16 604 CL 4 gang

SOFT GREEN



- GW 16 602 CV 2 gang
- GW 16 603 CV 3 gang
- GW 16 604 CV 4 gang

DARK GREEN



- GW 16 602 CS 2 gang
- GW 16 603 CS 3 gang
- GW 16 604 CS 4 gang

FOSSIL AMBER



- GW 16 602 CO 2 gang
- GW 16 603 CO 3 gang
- GW 16 604 CO 4 gang

OPAL ORANGE



- GW 16 602 CI 2 gang
- GW 16 603 CI 3 gang
- GW 16 604 CI 4 gang

TRENDY RED



- GW 16 602 CR 2 gang
- GW 16 603 CR 3 gang
- GW 16 604 CR 4 gang

CLASSIC BURGUNDY



- GW 16 602 CM 2 gang
- GW 16 603 CM 3 gang
- GW 16 604 CM 4 gang

FLAT PLATES



PAINTED TITANIUM



- GW 16 602 MT 2 gang
- GW 16 603 MT 3 gang
- GW 16 604 MT 4 gang

BRUSHED STAINLESS STEEL



- GW 16 602 MI 2 gang
- GW 16 603 MI 3 gang
- GW 16 604 MI 4 gang

GUNBARREL GREY



- GW 16 602 MU 2 gang
- GW 16 603 MU 3 gang
- GW 16 604 MU 4 gang

BLACK ALUMINIUM



- GW 16 602 MA 2 gang
- GW 16 603 MA 3 gang
- GW 16 604 MA 4 gang

OXIDISED FINISH



- GW 16 602 MF 2 gang
- GW 16 603 MF 3 gang
- GW 16 604 MF 4 gang



WENGE



- GW 16 602 LW 2 gang
- GW 16 603 LW 3 gang
- GW 16 604 LW 4 gang

CHERRY



- GW 16 602 LC 2 gang
- GW 16 603 LC 3 gang
- GW 16 604 LC 4 gang

BAMBOO



- GW 16 602 LB 2 gang
- GW 16 603 LB 3 gang
- GW 16 604 LB 4 gang

WALNUT



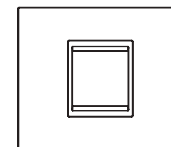
- GW 16 602 LN 2 gang
- GW 16 603 LN 3 gang
- GW 16 604 LN 4 gang

MAHOGANY

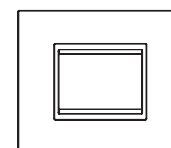


- GW 16 602 LM 2 gang
- GW 16 603 LM 3 gang
- GW 16 604 LM 4 gang

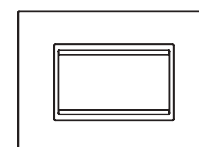
Modularity



2 gang






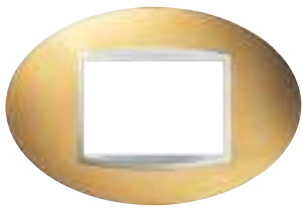


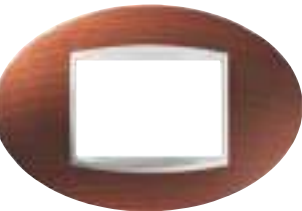


3 gang



4 gang

ART PLATES

	MILK WHITE	TITANIUM	CHROME
TECHNOPOLYMER			
	GW 16 302 TB 2 gang GW 16 303 TB 3 gang GW 16 304 TB 4 gang	GW 16 302 VT 2 gang GW 16 303 VT 3 gang GW 16 304 VT 4 gang	GW 16 302 MC 2 gang GW 16 303 MC 3 gang GW 16 304 MC 4 gang
PAINTED TECHNOPOLYMER			
	GW 16 302 TN 2 gang GW 16 303 TN 3 gang GW 16 304 TN 4 gang	GW 16 302 VA 2 gang GW 16 303 VA 3 gang GW 16 304 VA 4 gang	GW 16 302 MO 2 gang GW 16 303 MO 3 gang GW 16 304 MO 4 gang
Wood			
	GW 16 302 LA 2 gang GW 16 303 LA 3 gang GW 16 304 LA 4 gang	GW 16 302 LW 2 gang GW 16 303 LW 3 gang GW 16 304 LW 4 gang	GW 16 302 LC 2 gang GW 16 303 LC 3 gang GW 16 304 LC 4 gang

ART PLATES

LEATHER

BLACK



GW 16 302 PN 2 gang
GW 16 303 PN 3 gang
GW 16 304 PN 4 gang

WHITE



GW 16 302 PB 2 gang
GW 16 303 PB 3 gang
GW 16 304 PB 4 gang

RUBY



GW 16 302 PR 2 gang
GW 16 303 PR 3 gang
GW 16 304 PR 4 gang

TECHNOSTONE

LAVA



GW 16 302 RL 2 gang
GW 16 303 RL 3 gang
GW 16 304 RL 4 gang

SAND



GW 16 302 RS 2 gang
GW 16 303 RS 3 gang
GW 16 304 RS 4 gang

MOON



GW 16 302 RN 2 gang
GW 16 303 RN 3 gang
GW 16 304 RN 4 gang

GLASS

ICE



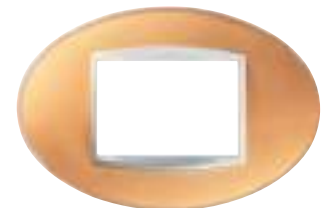
GW 16 302 CG 2 gang
GW 16 303 CG 3 gang
GW 16 304 CG 4 gang

AQUAMARINE



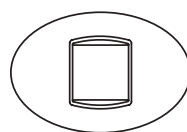
GW 16 302 CA 2 gang
GW 16 303 CA 3 gang
GW 16 304 CA 4 gang

OCHRE

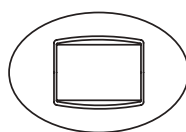


GW 16 302 CO 2 gang
GW 16 303 CO 3 gang
GW 16 304 CO 4 gang

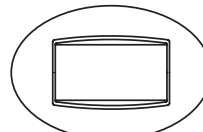
Modularity



2 gang



3 gang



4 gang

ONE INTERNATIONAL PLATES

ONE INTERNATIONAL PLATES IN TECHNOPOLYMER

GW16122TB



INTERNATIONAL STANDARD PLATES - MILK WHITE

Code	Description	Type	Centre distance	Pack Carton
GW 16 122 TB	2 gang			12
GW 16 123 TB	2+2 gang	Horizontal		12
GW 16 124 TB	2+2 gang	Vertical	71 mm	12
GW 16 125 TB	2+2 gang	Vertical	57 mm	12
GW 16 126 TB	2+2+2 gang	Horizontal		6
GW 16 127 TB	2+2+2 gang	Vertical		6
GW 16 128 TB	2+2+2+2 gang	Horizontal		6
GW 16 129 TB	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16125TB to be used in combination with the box GW24282.

GW16122TN



INTERNATIONAL STANDARD PLATES - TONER BLACK

Code	Description	Type	Centre distance	Pack Carton
GW 16 122 TN	2 gang			12
GW 16 123 TN	2+2 gang	Horizontal		12
GW 16 124 TN	2+2 gang	Vertical	71 mm	12
GW 16 125 TN	2+2 gang	Vertical	57 mm	12
GW 16 126 TN	2+2+2 gang	Horizontal		6
GW 16 127 TN	2+2+2 gang	Vertical		6
GW 16 128 TN	2+2+2+2 gang	Horizontal		6
GW 16 129 TN	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16125TN to be used in combination with the box GW24282.

ONE INTERNATIONAL PLATES IN PAINTED TECHNOPOLYMER

GW16122VT



INTERNATIONAL STANDARD PLATES - TITANIUM

Code	Description	Type	Centre distance	Pack Carton
GW 16 122 VT	2 gang			12
GW 16 123 VT	2+2 gang	Horizontal		12
GW 16 124 VT	2+2 gang	Vertical	71 mm	12
GW 16 125 VT	2+2 gang	Vertical	57 mm	12
GW 16 126 VT	2+2+2 gang	Horizontal		6
GW 16 127 VT	2+2+2 gang	Vertical		6
GW 16 128 VT	2+2+2+2 gang	Horizontal		6
GW 16 129 VT	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16125VT to be used in combination with the box GW24282.

GW16122VA



INTERNATIONAL STANDARD PLATES - SLATE

Code	Description	Type	Centre distance	Pack Carton
GW 16 122 VA	2 gang			12
GW 16 123 VA	2+2 gang	Horizontal		6
GW 16 124 VA	2+2 gang	Vertical	71 mm	6
GW 16 125 VA	2+2 gang	Vertical	57 mm	6
GW 16 126 VA	2+2+2 gang	Horizontal		6
GW 16 127 VA	2+2+2 gang	Vertical		6
GW 16 128 VA	2+2+2+2 gang	Horizontal		6
GW 16 129 VA	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16125VA to be used in combination with the box GW24282.

ONE INTERNATIONAL PLATES IN METALLISED TECHNOPOLYMER

GW16122MC



INTERNATIONAL STANDARD PLATES - CHROME				
Code	Description	Type	Centre distance	Pack Carton
GW 16 122 MC	2 gang			12
GW 16 123 MC	2+2 gang	Horizontal		6
GW 16 124 MC	2+2 gang	Vertical	71 mm	6
GW 16 125 MC	2+2 gang	Vertical	57 mm	6
GW 16 126 MC	2+2+2 gang	Horizontal		6
GW 16 127 MC	2+2+2 gang	Vertical		6
GW 16 128 MC	2+2+2+2 gang	Horizontal		6
GW 16 129 MC	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16125MC to be used in combination with the box GW24282.

GW16122MO



INTERNATIONAL STANDARD PLATES - GOLD				
Code	Description	Type	Centre distance	Pack Carton
GW 16 122 MO	2 gang			12
GW 16 123 MO	2+2 gang	Horizontal		6
GW 16 124 MO	2+2 gang	Vertical	71 mm	6
GW 16 125 MO	2+2 gang	Vertical	57 mm	6
GW 16 126 MO	2+2+2 gang	Horizontal		6
GW 16 127 MO	2+2+2 gang	Vertical		6
GW 16 128 MO	2+2+2+2 gang	Horizontal		6
GW 16 129 MO	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16125MO to be used in combination with the box GW24282.

ONE INTERNATIONAL PLATES IN PAINTED TECHNOPOLYMER, PASTEL SHADES

GW16122VR



INTERNATIONAL STANDARD PLATES - RUBY				
Code	Description	Type	Centre distance	Pack Carton
GW 16 122 VR	2 gang			12
GW 16 123 VR	2+2 gang	Horizontal		12
GW 16 124 VR	2+2 gang	Vertical	71 mm	12
GW 16 125 VR	2+2 gang	Vertical	57 mm	12
GW 16 126 VR	2+2+2 gang	Horizontal		6
GW 16 127 VR	2+2+2 gang	Vertical		6
GW 16 128 VR	2+2+2+2 gang	Horizontal		6
GW 16 129 VR	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: fabric effect. GW16125VR to be used in combination with the box GW24282.

GW16122VB



INTERNATIONAL STANDARD PLATES - SEA BLUE				
Code	Description	Type	Centre distance	Pack Carton
GW 16 122 VB	2 gang			12
GW 16 123 VB	2+2 gang	Horizontal		12
GW 16 124 VB	2+2 gang	Vertical	71 mm	12
GW 16 125 VB	2+2 gang	Vertical	57 mm	12
GW 16 126 VB	2+2+2 gang	Horizontal		6
GW 16 127 VB	2+2+2 gang	Vertical		6
GW 16 128 VB	2+2+2+2 gang	Horizontal		6
GW 16 129 VB	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: fabric effect. GW16125VB to be used in combination with the box GW24282.

LUX INTERNATIONAL PLATES

LUX INTERNATIONAL PLATES IN TECHNOPOLYMER

GW16222TB



INTERNATIONAL STANDARD PLATES - MILK WHITE

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 TB	2 gang			12
GW 16 223 TB	2+2 gang	Horizontal		6
GW 16 224 TB	2+2 gang	Vertical	71 mm	6
GW 16 225 TB	2+2 gang	Vertical	57 mm	6
GW 16 226 TB	2+2+2 gang	Horizontal		6
GW 16 227 TB	2+2+2 gang	Vertical		6
GW 16 228 TB	2+2+2+2 gang	Horizontal		6
GW 16 229 TB	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16225TB to be used in combination with the box GW24282.

GW16222TN



INTERNATIONAL STANDARD PLATES - TONER BLACK

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 TN	2 gang			12
GW 16 223 TN	2+2 gang	Horizontal		6
GW 16 224 TN	2+2 gang	Vertical	71 mm	6
GW 16 225 TN	2+2 gang	Vertical	57 mm	6
GW 16 226 TN	2+2+2 gang	Horizontal		6
GW 16 227 TN	2+2+2 gang	Vertical		6
GW 16 228 TN	2+2+2+2 gang	Horizontal		6
GW 16 229 TN	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16225TN to be used in combination with the box GW24282.

LUX INTERNATIONAL PLATES IN PAINTED TECHNOPOLYMER

GW16222VT



INTERNATIONAL STANDARD PLATES - TITANIUM

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 VT	2 gang			12
GW 16 223 VT	2+2 gang	Horizontal		6
GW 16 224 VT	2+2 gang	Vertical	71 mm	6
GW 16 225 VT	2+2 gang	Vertical	57 mm	6
GW 16 226 VT	2+2+2 gang	Horizontal		6
GW 16 227 VT	2+2+2 gang	Vertical		6
GW 16 228 VT	2+2+2+2 gang	Horizontal		6
GW 16 229 VT	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16225VT to be used in combination with the box GW24282.

GW16222VA



INTERNATIONAL STANDARD PLATES - SLATE

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 VA	2 gang			12
GW 16 223 VA	2+2 gang	Horizontal		6
GW 16 224 VA	2+2 gang	Vertical	71 mm	6
GW 16 225 VA	2+2 gang	Vertical	57 mm	6
GW 16 226 VA	2+2+2 gang	Horizontal		6
GW 16 227 VA	2+2+2 gang	Vertical		6
GW 16 228 VA	2+2+2+2 gang	Horizontal		6
GW 16 229 VA	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16225VA to be used in combination with the box GW24282.

LUX INTERNATIONAL PLATES IN METALLISED TECHNO-POLYMER

GW16222MC



INTERNATIONAL STANDARD PLATES - CHROME				
Code	Description	Type	Centre distance	Pack Carton
GW 16 222 MC	2 gang			12
GW 16 223 MC	2+2 gang	Horizontal		6
GW 16 224 MC	2+2 gang	Vertical	71 mm	6
GW 16 225 MC	2+2 gang	Vertical	57 mm	6
GW 16 226 MC	2+2+2 gang	Horizontal		6
GW 16 227 MC	2+2+2 gang	Vertical		6
GW 16 228 MC	2+2+2+2 gang	Horizontal		6
GW 16 229 MC	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16225MC to be used in combination with the box GW24282.

GW16222MO



INTERNATIONAL STANDARD PLATES - GOLD				
Code	Description	Type	Centre distance	Pack Carton
GW 16 222 MO	2 gang			12
GW 16 223 MO	2+2 gang	Horizontal		6
GW 16 224 MO	2+2 gang	Vertical	71 mm	6
GW 16 225 MO	2+2 gang	Vertical	57 mm	6
GW 16 226 MO	2+2+2 gang	Horizontal		6
GW 16 227 MO	2+2+2 gang	Vertical		6
GW 16 228 MO	2+2+2+2 gang	Horizontal		6
GW 16 229 MO	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16225MO to be used in combination with the box GW24282.

LUX INTERNATIONAL PLATES IN PAINTED TECHNO-POLYMER - WOOD FINISH

GW16222LA



INTERNATIONAL STANDARD PLATES - MAPLE				
Code	Description	Type	Centre distance	Pack Carton
GW 16 222 LA	2 gang			12
GW 16 223 LA	2+2 gang	Horizontal		6
GW 16 224 LA	2+2 gang	Vertical	71 mm	6
GW 16 225 LA	2+2 gang	Vertical	57 mm	6
GW 16 226 LA	2+2+2 gang	Horizontal		6
GW 16 227 LA	2+2+2 gang	Vertical		6
GW 16 228 LA	2+2+2+2 gang	Horizontal		6
GW 16 229 LA	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: GW16225LA to be used in combination with the box GW24282.

GW16222LW



INTERNATIONAL STANDARD PLATES - WENGE				
Code	Description	Type	Centre distance	Pack Carton
GW 16 222 LW	2 gang			12
GW 16 223 LW	2+2 gang	Horizontal		6
GW 16 224 LW	2+2 gang	Vertical	71 mm	6
GW 16 225 LW	2+2 gang	Vertical	57 mm	6
GW 16 226 LW	2+2+2 gang	Horizontal		6
GW 16 227 LW	2+2+2 gang	Vertical		6
GW 16 228 LW	2+2+2+2 gang	Horizontal		6
GW 16 229 LW	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: GW16225LW to be used in combination with the box GW24282.

GW16222LC



INTERNATIONAL STANDARD PLATES - CHERRY				
Code	Description	Type	Centre distance	Pack Carton
GW 16 222 LC	2 gang			12
GW 16 223 LC	2+2 gang	Horizontal		6
GW 16 224 LC	2+2 gang	Vertical	71 mm	6
GW 16 225 LC	2+2 gang	Vertical	57 mm	6
GW 16 226 LC	2+2+2 gang	Horizontal		6
GW 16 227 LC	2+2+2 gang	Vertical		6
GW 16 228 LC	2+2+2+2 gang	Horizontal		6
GW 16 229 LC	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: GW16225LC to be used in combination with the box GW24282.

LUX INTERNATIONAL PLATES IN TECHNOPOLYMER - LEATHER FINISH

DOMESTIC RANGE

GW16222PN



INTERNATIONAL STANDARD PLATES - BLACK

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 PN	2 gang			12
GW 16 223 PN	2+2 gang	Horizontal		6
GW 16 224 PN	2+2 gang	Vertical	71 mm	6
GW 16 225 PN	2+2 gang	Vertical	57 mm	6
GW 16 226 PN	2+2+2 gang	Horizontal		6
GW 16 227 PN	2+2+2 gang	Vertical		6
GW 16 228 PN	2+2+2+2 gang	Horizontal		6
GW 16 229 PN	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: GW16225PN to be used in combination with the box GW24282.

GW16222PB



INTERNATIONAL STANDARD PLATES - WHITE

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 PB	2 gang			12
GW 16 223 PB	2+2 gang	Horizontal		6
GW 16 224 PB	2+2 gang	Vertical	71 mm	6
GW 16 225 PB	2+2 gang	Vertical	57 mm	6
GW 16 226 PB	2+2+2 gang	Horizontal		6
GW 16 227 PB	2+2+2 gang	Vertical		6
GW 16 228 PB	2+2+2+2 gang	Horizontal		6
GW 16 229 PB	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: GW16225PB to be used in combination with the box GW24282.

GW16222PR



INTERNATIONAL STANDARD PLATES - RUBY

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 PR	2 gang			12
GW 16 223 PR	2+2 gang	Horizontal		6
GW 16 224 PR	2+2 gang	Vertical	71 mm	6
GW 16 225 PR	2+2 gang	Vertical	57 mm	6
GW 16 226 PR	2+2+2 gang	Horizontal		6
GW 16 227 PR	2+2+2 gang	Vertical		6
GW 16 228 PR	2+2+2+2 gang	Horizontal		6
GW 16 229 PR	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: GW16225PR to be used in combination with the box GW24282.

LUX INTERNATIONAL PLATES IN TECHNOPOLYMER - STONE FINISH

CHORUS
DOMESTIC RANGE

GW16222RL



INTERNATIONAL STANDARD PLATES - LAVA

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 RL	2 gang			12
GW 16 223 RL	2+2 gang	Horizontal		6
GW 16 224 RL	2+2 gang	Vertical	71 mm	6
GW 16 225 RL	2+2 gang	Vertical	57 mm	6
GW 16 226 RL	2+2+2 gang	Horizontal		6
GW 16 227 RL	2+2+2 gang	Vertical		6
GW 16 228 RL	2+2+2+2 gang	Horizontal		6
GW 16 229 RL	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16225RL to be used in combination with the box GW24282.

GW16222RS



INTERNATIONAL STANDARD PLATES - SAND

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 RS	2 gang			12
GW 16 223 RS	2+2 gang	Horizontal		6
GW 16 224 RS	2+2 gang	Vertical	71 mm	6
GW 16 225 RS	2+2 gang	Vertical	57 mm	6
GW 16 226 RS	2+2+2 gang	Horizontal		6
GW 16 227 RS	2+2+2 gang	Vertical		6
GW 16 228 RS	2+2+2+2 gang	Horizontal		6
GW 16 229 RS	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16225RS to be used in combination with the box GW24282.

GW16222RN



INTERNATIONAL STANDARD PLATES - MOON

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 RN	2 gang			12
GW 16 223 RN	2+2 gang	Horizontal		6
GW 16 224 RN	2+2 gang	Vertical	71 mm	6
GW 16 225 RN	2+2 gang	Vertical	57 mm	6
GW 16 226 RN	2+2+2 gang	Horizontal		6
GW 16 227 RN	2+2+2 gang	Vertical		6
GW 16 228 RN	2+2+2+2 gang	Horizontal		6
GW 16 229 RN	2+2+2+2 gang	Vertical		6

CHARACTERISTICS: glossy finish. GW16225RN to be used in combination with the box GW24282.

LUX INTERNATIONAL PLATES - METAL

DOMESTIC RANGE

GW16222MI



INTERNATIONAL STANDARD PLATES - BRUSHED STAINLESS STEEL

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 MI	2 gang			1
GW 16 223 MI	2+2 gang	Horizontal		1
GW 16 224 MI	2+2 gang	Vertical	71 mm	1
GW 16 225 MI	2+2 gang	Vertical	57 mm	1
GW 16 226 MI	2+2+2 gang	Horizontal		1
GW 16 227 MI	2+2+2 gang	Vertical		1
GW 16 228 MI	2+2+2+2 gang	Horizontal		1
GW 16 229 MI	2+2+2+2 gang	Vertical		1

CHARACTERISTICS: GW16225MI to be used in combination with the box GW24282.

GW16222MA



INTERNATIONAL STANDARD PLATES - ALUMINIUM BLACK

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 MA	2 gang			1
GW 16 223 MA	2+2 gang	Horizontal		1
GW 16 224 MA	2+2 gang	Vertical	71 mm	1
GW 16 225 MA	2+2 gang	Vertical	57 mm	1
GW 16 226 MA	2+2+2 gang	Horizontal		1
GW 16 227 MA	2+2+2 gang	Vertical		1
GW 16 228 MA	2+2+2+2 gang	Horizontal		1
GW 16 229 MA	2+2+2+2 gang	Vertical		1

CHARACTERISTICS: GW16225MA to be used in combination with the box GW24282.

GW16222MF



INTERNATIONAL STANDARD PLATES - OXIDISED FINISH

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 MF	2 gang			1
GW 16 223 MF	2+2 gang	Horizontal		1
GW 16 224 MF	2+2 gang	Vertical	71 mm	1
GW 16 225 MF	2+2 gang	Vertical	57 mm	1
GW 16 226 MF	2+2+2 gang	Horizontal		1
GW 16 227 MF	2+2+2 gang	Vertical		1
GW 16 228 MF	2+2+2+2 gang	Horizontal		1
GW 16 229 MF	2+2+2+2 gang	Vertical		1

CHARACTERISTICS: GW16225MF to be used in combination with the box GW24282.

LUX INTERNATIONAL PLATES - GLASS

GW16222CG



INTERNATIONAL STANDARD PLATES - ICE

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 CG	2 gang			1
GW 16 223 CG	2+2 gang	Horizontal		1
GW 16 224 CG	2+2 gang	Vertical	71 mm	1
GW 16 225 CG	2+2 gang	Vertical	57 mm	1
GW 16 226 CG	2+2+2 gang	Horizontal		1
GW 16 227 CG	2+2+2 gang	Vertical		1
GW 16 228 CG	2+2+2+2 gang	Horizontal		1
GW 16 229 CG	2+2+2+2 gang	Vertical		1

CHARACTERISTICS: opaque effect. GW16225CG to be used in combination with the box GW24282.

NOTES: design variations in the glass plates are a sign of quality and indicate the genuineness of the materials used.

GW16222CA



INTERNATIONAL STANDARD PLATES - AQUAMARINE

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 CA	2 gang			1
GW 16 223 CA	2+2 gang	Horizontal		1
GW 16 224 CA	2+2 gang	Vertical	71 mm	1
GW 16 225 CA	2+2 gang	Vertical	57 mm	1
GW 16 226 CA	2+2+2 gang	Horizontal		1
GW 16 227 CA	2+2+2 gang	Vertical		1
GW 16 228 CA	2+2+2+2 gang	Horizontal		1
GW 16 229 CA	2+2+2+2 gang	Vertical		1

CHARACTERISTICS: opaque effect. GW16225CA to be used in combination with the box GW24282.

NOTES: design variations in the glass plates are a sign of quality and indicate the genuineness of the materials used.

GW16222CO



INTERNATIONAL STANDARD PLATES - OCHRE

Code	Description	Type	Centre distance	Pack Carton
GW 16 222 CO	2 gang			1
GW 16 223 CO	2+2 gang	Horizontal		1
GW 16 224 CO	2+2 gang	Vertical	71 mm	1
GW 16 225 CO	2+2 gang	Vertical	57 mm	1
GW 16 226 CO	2+2+2 gang	Horizontal		1
GW 16 227 CO	2+2+2 gang	Vertical		1
GW 16 228 CO	2+2+2+2 gang	Horizontal		1
GW 16 229 CO	2+2+2+2 gang	Vertical		1

CHARACTERISTICS: opaque effect. GW16225CO to be used in combination with the box GW24282.

NOTES: design variations in the glass plates are a sign of quality and indicate the genuineness of the materials used.

ONE PLATES

ONE PLATES IN TECHNOPOLYMER

GW16103TB



ITALIAN STANDARD PLATES - MILK WHITE

Code	Description	Configuration	For assembly on support	Pack Carton
GW 16 102 TB	2 gang		GW16802 / GW16803	96
GW 16 103 TB	3 gang		GW16803	96
GW 16 104 TB	4 gang		GW16804	12
GW 16 106 TB	6 gang		GW16806	12
GW 16 108 TB	8 gang	4+4 overlapping	GW16808	6
GW 16 112 TB	12 gang	6+6 overlapping	GW16812	6

CHARACTERISTICS: glossy finish.

GW16103TN



ITALIAN STANDARD PLATES - TONER BLACK

Code	Description		For assembly on support	Pack Carton
GW 16 102 TN	2 gang		GW16802 / GW16803	12
GW 16 103 TN	3 gang		GW16803	24
GW 16 104 TN	4 gang		GW16804	12
GW 16 106 TN	6 gang		GW16806	6

CHARACTERISTICS: glossy finish.

ONE PLATES IN PAINTED TECHNOPOLYMER

GW16103VT



ITALIAN STANDARD PLATES - TITANIUM

Code	Description	Configuration	For assembly on support	Pack Carton
GW 16 102 VT	2 gang		GW16802 / GW16803	12
GW 16 103 VT	3 gang		GW16803	24
GW 16 104 VT	4 gang		GW16804	12
GW 16 106 VT	6 gang		GW16806	6
GW 16 108 VT	8 gang	4+4 overlapping	GW16808	6
GW 16 112 VT	12 gang	6+6 overlapping	GW16812	6

CHARACTERISTICS: glossy finish.

GW16103VA



ITALIAN STANDARD PLATES - SLATE

Code	Description		For assembly on support	Pack Carton
GW 16 102 VA	2 gang		GW16802 / GW16803	12
GW 16 103 VA	3 gang		GW16803	12
GW 16 104 VA	4 gang		GW16804	12
GW 16 106 VA	6 gang		GW16806	6

CHARACTERISTICS: glossy finish.

ONE PLATES IN METALLISED TECHNOLOGY



ITALIAN STANDARD PLATES - CHROME

Code	Description	For assembly on support	Pack Carton
GW 16 102 MC	2 gang	GW16802 / GW16803	12
GW 16 103 MC	3 gang	GW16803	12
GW 16 104 MC	4 gang	GW16804	12
GW 16 106 MC	6 gang	GW16806	6

CHARACTERISTICS: glossy finish.



ITALIAN STANDARD PLATES - GOLD

Code	Description	For assembly on support	Pack Carton
GW 16 102 MO	2 gang	GW16802 / GW16803	12
GW 16 103 MO	3 gang	GW16803	12
GW 16 104 MO	4 gang	GW16804	12
GW 16 106 MO	6 gang	GW16806	6

CHARACTERISTICS: glossy finish.

ONE PLATES IN PAINTED TECHNOLOGY, PASTEL COLOURS



ITALIAN STANDARD PLATES - RUBY

Code	Description	For assembly on support	Pack Carton
GW 16 102 VR	2 gang	GW16802 / GW16803	12
GW 16 103 VR	3 gang	GW16803	24
GW 16 104 VR	4 gang	GW16804	12
GW 16 106 VR	6 gang	GW16806	6

CHARACTERISTICS: fabric effect.



ITALIAN STANDARD PLATES - SEA BLUE

Code	Description	For assembly on support	Pack Carton
GW 16 102 VB	2 gang	GW16802 / GW16803	12
GW 16 103 VB	3 gang	GW16803	24
GW 16 104 VB	4 gang	GW16804	12
GW 16 106 VB	6 gang	GW16806	6

CHARACTERISTICS: fabric effect.

CHORUS
DOMESTIC RANGE

GEO PLATES

GEO PLATES IN TECHNOPOLYMER

GW16403TB



ITALIAN STANDARD PLATES - MILK WHITE

Code	Description	For assembly on support	Pack Carton
GW 16 402 TB	2 gang	GW16802 / GW16803	96
GW 16 403 TB	3 gang	GW16803	96
GW 16 404 TB	4 gang	GW16804	12
GW 16 406 TB	6 gang	GW16806	12

CHARACTERISTICS: glossy finish.

GW16403TN



ITALIAN STANDARD PLATES - TONER BLACK

Code	Description	For assembly on support	Pack Carton
GW 16 402 TN	2 gang	GW16802 / GW16803	12
GW 16 403 TN	3 gang	GW16803	24
GW 16 404 TN	4 gang	GW16804	12
GW 16 406 TN	6 gang	GW16806	6

CHARACTERISTICS: glossy finish.

GEO PLATES IN PAINTED TECHNOPOLYMER

GW16403VT



ITALIAN STANDARD PLATES - TITANIUM

Code	Description	For assembly on support	Pack Carton
GW 16 402 VT	2 gang	GW16802 / GW16803	12
GW 16 403 VT	3 gang	GW16803	24
GW 16 404 VT	4 gang	GW16804	12
GW 16 406 VT	6 gang	GW16806	6

CHARACTERISTICS: glossy finish.

GW16403VA



ITALIAN STANDARD PLATES - SLATE

Code	Description	For assembly on support	Pack Carton
GW 16 402 VA	2 gang	GW16802 / GW16803	12
GW 16 403 VA	3 gang	GW16803	12
GW 16 404 VA	4 gang	GW16804	12
GW 16 406 VA	6 gang	GW16806	6

CHARACTERISTICS: glossy finish.

GEO PLATES IN METALLISED TECHNOLOGY

Code	Description	For assembly on support	Pack
			Carton
GW16402MC	2 gang	GW16802 / GW16803	12
GW16403MC	3 gang	GW16803	12
GW16404MC	4 gang	GW16804	12
GW16406MC	6 gang	GW16806	6

CHARACTERISTICS: glossy finish.

Code	Description	For assembly on support	Pack
			Carton
GW16402MO	2 gang	GW16802 / GW16803	12
GW16403MO	3 gang	GW16803	12
GW16404MO	4 gang	GW16804	12
GW16406MO	6 gang	GW16806	6

CHARACTERISTICS: glossy finish.

GEO PLATES IN PAINTED TECHNOLOGY, PASTEL COLOURS

Code	Description	For assembly on support	Pack
			Carton
GW16402VR	2 gang	GW16802 / GW16803	12
GW16403VR	3 gang	GW16803	24
GW16404VR	4 gang	GW16804	12
GW16406VR	6 gang	GW16806	6

CHARACTERISTICS: fabric effect.

Code	Description	For assembly on support	Pack
			Carton
GW16402VB	2 gang	GW16802 / GW16803	12
GW16403VB	3 gang	GW16803	24
GW16404VB	4 gang	GW16804	12
GW16406VB	6 gang	GW16806	6

CHARACTERISTICS: fabric effect.

CHORUS
DOMESTIC RANGE

LUX PLATES

LUX PLATES IN TECHNOPOLYMER



GW16203TB

ITALIAN STANDARD PLATES - MILK WHITE

Code	Description	For assembly on support	Pack Carton
GW 16 202 TB	2 gang	GW16802 / GW16803	12
GW 16 203 TB	3 gang	GW16803	12
GW 16 204 TB	4 gang	GW16804	12
GW 16 206 TB	6 gang	GW16806	6

CHARACTERISTICS: glossy finish.



GW16203TN

ITALIAN STANDARD PLATES - TONER BLACK

Code	Description	For assembly on support	Pack Carton
GW 16 202 TN	2 gang	GW16802 / GW16803	12
GW 16 203 TN	3 gang	GW16803	12
GW 16 204 TN	4 gang	GW16804	12
GW 16 206 TN	6 gang	GW16806	6

CHARACTERISTICS: glossy finish.

LUX PLATES IN PAINTED TECHNOPOLYMER



GW16203VT

ITALIAN STANDARD PLATES - TITANIUM

Code	Description	For assembly on support	Pack Carton
GW 16 202 VT	2 gang	GW16802 / GW16803	12
GW 16 203 VT	3 gang	GW16803	12
GW 16 204 VT	4 gang	GW16804	12
GW 16 206 VT	6 gang	GW16806	6

CHARACTERISTICS: glossy finish.



GW16203VA

ITALIAN STANDARD PLATES - SLATE

Code	Description	For assembly on support	Pack Carton
GW 16 202 VA	2 gang	GW16802 / GW16803	6
GW 16 203 VA	3 gang	GW16803	6
GW 16 204 VA	4 gang	GW16804	6
GW 16 206 VA	6 gang	GW16806	6

CHARACTERISTICS: glossy finish.

LUX PLATES IN METALLISED TECHNOPOLYMER



GW16203MC

ITALIAN STANDARD PLATES - CHROME

Code	Description	For assembly on support	Pack Carton
GW 16 202 MC	2 gang	GW16802 / GW16803	6
GW 16 203 MC	3 gang	GW16803	6
GW 16 204 MC	4 gang	GW16804	6
GW 16 206 MC	6 gang	GW16806	6

CHARACTERISTICS: glossy finish.



GW16203MO

ITALIAN STANDARD PLATES - GOLD

Code	Description	For assembly on support	Pack Carton
GW 16 202 MO	2 gang	GW16802 / GW16803	6
GW 16 203 MO	3 gang	GW16803	6
GW 16 204 MO	4 gang	GW16804	6
GW 16 206 MO	6 gang	GW16806	6

CHARACTERISTICS: glossy finish.

LUX PLATES - WOOD

Code	Description	For assembly on support	Pack
			Carton
GW16202LA	2 gang	GW16802 / GW16803	1
GW16203LA	3 gang	GW16803	1
GW16204LA	4 gang	GW16804	1
GW16206LA	6 gang	GW16806	1

NOTES: design variations in the wooden plates are a sign of quality and indicate the genuineness of the materials used.

Code	Description	For assembly on support	Pack
			Carton
GW16202LW	2 gang	GW16802 / GW16803	1
GW16203LW	3 gang	GW16803	1
GW16204LW	4 gang	GW16804	1
GW16206LW	6 gang	GW16806	1

NOTES: design variations in the wooden plates are a sign of quality and indicate the genuineness of the materials used.

Code	Description	For assembly on support	Pack
			Carton
GW16202LC	2 gang	GW16802 / GW16803	1
GW16203LC	3 gang	GW16803	1
GW16204LC	4 gang	GW16804	1
GW16206LC	6 gang	GW16806	1

NOTES: design variations in the wooden plates are a sign of quality and indicate the genuineness of the materials used.

LUX PLATES - METAL

Code	Description	For assembly on support	Pack
			Carton
GW16202MI	2 gang	GW16802 / GW16803	1
GW16203MI	3 gang	GW16803	1
GW16204MI	4 gang	GW16804	1
GW16206MI	6 gang	GW16806	1

CHARACTERISTICS: satin effect.

Code	Description	For assembly on support	Pack
			Carton
GW16202ML	2 gang	GW16802 / GW16803	6
GW16203ML	3 gang	GW16803	6
GW16204ML	4 gang	GW16804	6
GW16206ML	6 gang	GW16806	6

CHARACTERISTICS: satin effect.

Code	Description	For assembly on support	Pack
			Carton
GW16202MD	2 gang	GW16802 / GW16803	6
GW16203MD	3 gang	GW16803	6
GW16204MD	4 gang	GW16804	6
GW16206MD	6 gang	GW16806	6

CHARACTERISTICS: satin effect.

LUX PLATES - MONOCHROME METAL

Code	Description	For assembly on support	Pack
			Carton
GW16202XT	2 gang	GW16802 / GW16803	6
GW16203XT	3 gang	GW16803	6
GW16204XT	4 gang	GW16804	6
GW16206XT	6 gang	GW16806	6

CHARACTERISTICS: glossy finish. NOTE: inner frame with the same titanium shade of the plate.

LUX PLATES - LEATHER



GW16203PN

ITALIAN STANDARD PLATES - BLACK

Code	Description	For assembly on support	Pack Carton
GW 16 202 PN	2 gang	GW16802 / GW16803	1
GW 16 203 PN	3 gang	GW16803	1
GW 16 204 PN	4 gang	GW16804	1
GW 16 206 PN	6 gang	GW16806	1



GW16203PB

ITALIAN STANDARD PLATES - WHITE

Code	Description	For assembly on support	Pack Carton
GW 16 202 PB	2 gang	GW16802 / GW16803	1
GW 16 203 PB	3 gang	GW16803	1
GW 16 204 PB	4 gang	GW16804	1
GW 16 206 PB	6 gang	GW16806	1



GW16203PR

ITALIAN STANDARD PLATES - RUBY

Code	Description	For assembly on support	Pack Carton
GW 16 202 PR	2 gang	GW16802 / GW16803	1
GW 16 203 PR	3 gang	GW16803	1
GW 16 204 PR	4 gang	GW16804	1
GW 16 206 PR	6 gang	GW16806	1

LUX PLATES - GLASS



GW16203CG

ITALIAN STANDARD PLATES - ICE

Code	Description	For assembly on support	Pack Carton
GW 16 202 CG	2 gang	GW16802 / GW16803	1
GW 16 203 CG	3 gang	GW16803	1
GW 16 204 CG	4 gang	GW16804	1
GW 16 206 CG	6 gang	GW16806	1

CHARACTERISTICS: opaque effect.

NOTES: design variations in the glass plates are a sign of quality and indicate the genuineness of the materials used.



GW16203CA

ITALIAN STANDARD PLATES - AQUAMARINE

Code	Description	For assembly on support	Pack Carton
GW 16 202 CA	2 gang	GW16802 / GW16803	1
GW 16 203 CA	3 gang	GW16803	1
GW 16 204 CA	4 gang	GW16804	1
GW 16 206 CA	6 gang	GW16806	1

CHARACTERISTICS: opaque effect.

NOTES: design variations in the glass plates are a sign of quality and indicate the genuineness of the materials used.



GW16203CO

ITALIAN STANDARD PLATES - OCHRE

Code	Description	For assembly on support	Pack Carton
GW 16 202 CO	2 gang	GW16802 / GW16803	1
GW 16 203 CO	3 gang	GW16803	1
GW 16 204 CO	4 gang	GW16804	1
GW 16 206 CO	6 gang	GW16806	1

CHARACTERISTICS: opaque effect.

NOTES: design variations in the glass plates are a sign of quality and indicate the genuineness of the materials used.

FLAT PLATES

FLAT PLATES - GLASS

GW16603CB



ITALIAN STANDARD PLATES - FLASH WHITE

Code	Description	For assembly on support	Pack Carton
GW 16 602 CB	2 gang	GW16802 / GW16803	1
GW 16 603 CB	3 gang	GW16803	1
GW 16 604 CB	4 gang	GW16804	1

CHARACTERISTICS: glossy finish.

NOTES: the design variations of the glass plates are a sign of quality and genuine materials.

GW16603CN



ITALIAN STANDARD PLATES - STRONG BLACK

Code	Description	For assembly on support	Pack Carton
GW 16 602 CN	2 gang	GW16802 / GW16803	1
GW 16 603 CN	3 gang	GW16803	1
GW 16 604 CN	4 gang	GW16804	1

CHARACTERISTICS: glossy finish.

NOTES: the design variations of the glass plates are a sign of quality and genuine materials.

GW16603CA



ITALIAN STANDARD PLATES - SKY BLUE

Code	Description	For assembly on support	Pack Carton
GW 16 602 CA	2 gang	GW16802 / GW16803	1
GW 16 603 CA	3 gang	GW16803	1
GW 16 604 CA	4 gang	GW16804	1

CHARACTERISTICS: glossy finish.

NOTES: the design variations of the glass plates are a sign of quality and genuine materials.

GW16603CL



ITALIAN STANDARD PLATES - OCEAN BLUE

Code	Description	For assembly on support	Pack Carton
GW 16 602 CL	2 gang	GW16802 / GW16803	1
GW 16 603 CL	3 gang	GW16803	1
GW 16 604 CL	4 gang	GW16804	1

CHARACTERISTICS: glossy finish.

NOTES: the design variations of the glass plates are a sign of quality and genuine materials.

GW16603CV



ITALIAN STANDARD PLATES - SOFT GREEN

Code	Description	For assembly on support	Pack Carton
GW 16 602 CV	2 gang	GW16802 / GW16803	1
GW 16 603 CV	3 gang	GW16803	1
GW 16 604 CV	4 gang	GW16804	1

CHARACTERISTICS: glossy finish.

NOTES: the design variations of the glass plates are a sign of quality and genuine materials.

DOMESTIC RANGE

CHORUS

GW16603CS



ITALIAN STANDARD PLATES - DARK GREEN

Code	Description	For assembly on support	Pack Carton
GW 16 602 CS	2 gang	GW16802 / GW16803	1
GW 16 603 CS	3 gang	GW16803	1
GW 16 604 CS	4 gang	GW16804	1

CHARACTERISTICS: glossy finish.

NOTES: the design variations of the glass plates are a sign of quality and genuine materials.

GW16603CO



ITALIAN STANDARD PLATES - FOSSIL AMBER

Code	Description	For assembly on support	Pack Carton
GW 16 602 CO	2 gang	GW16802 / GW16803	1
GW 16 603 CO	3 gang	GW16803	1
GW 16 604 CO	4 gang	GW16804	1

CHARACTERISTICS: glossy finish.

NOTES: the design variations of the glass plates are a sign of quality and genuine materials.

GW16603CI



ITALIAN STANDARD PLATES - OPAL ORANGE

Code	Description	For assembly on support	Pack Carton
GW 16 602 CI	2 gang	GW16802 / GW16803	1
GW 16 603 CI	3 gang	GW16803	1
GW 16 604 CI	4 gang	GW16804	1

CHARACTERISTICS: glossy finish.

NOTES: the design variations of the glass plates are a sign of quality and genuine materials.

GW16603CR



ITALIAN STANDARD PLATES - TRENDY RED

Code	Description	For assembly on support	Pack Carton
GW 16 602 CR	2 gang	GW16802 / GW16803	1
GW 16 603 CR	3 gang	GW16803	1
GW 16 604 CR	4 gang	GW16804	1

CHARACTERISTICS: glossy finish.

NOTES: the design variations of the glass plates are a sign of quality and genuine materials.

GW16603CM








ITALIAN STANDARD PLATES - CLASSIC BURGUNDY

Code	Description	For assembly on support	Pack Carton
GW 16 602 CM	2 gang	GW16802 / GW16803	1
GW 16 603 CM	3 gang	GW16803	1
GW 16 604 CM	4 gang	GW16804	1

CHARACTERISTICS: glossy finish.

NOTES: the design variations of the glass plates are a sign of quality and genuine materials.

FLAT PLATES - METAL

Code	Description	For assembly on support	Pack
			Carton
ITALIAN STANDARD PLATES - PAINTED TITANIUM			
GW16603MT			
GW 16 602 MT	2 gang	GW16802 / GW16803	1
GW 16 603 MT	3 gang	GW16803	1
GW 16 604 MT	4 gang	GW16804	1
CHARACTERISTICS: glossy finish.			
ITALIAN STANDARD PLATES - BRUSHED STAINLESS STEEL			
GW16603MI			
GW 16 602 MI	2 gang	GW16802 / GW16803	1
GW 16 603 MI	3 gang	GW16803	1
GW 16 604 MI	4 gang	GW16804	1
CHARACTERISTICS: satin effect.			
ITALIAN STANDARD PLATES - GUNBARREL GREY			
GW16603MU			
GW 16 602 MU	2 gang	GW16802 / GW16803	1
GW 16 603 MU	3 gang	GW16803	1
GW 16 604 MU	4 gang	GW16804	1
CHARACTERISTICS: satin effect.			
ITALIAN STANDARD PLATES - BLACK ALUMINIUM			
GW16603MA			
GW 16 602 MA	2 gang	GW16802 / GW16803	1
GW 16 603 MA	3 gang	GW16803	1
GW 16 604 MA	4 gang	GW16804	1
CHARACTERISTICS: satin effect.			
ITALIAN STANDARD PLATES - WITH OXIDISED FINISH			
GW16603MF			
GW 16 602 MF	2 gang	GW16802 / GW16803	1
GW 16 603 MF	3 gang	GW16803	1
GW 16 604 MF	4 gang	GW16804	1
CHARACTERISTICS: satin effect.			

CHORUS
DOMESTIC RANGE

FLAT PLATES - WOOD

CHORUS
DOMESTIC RANGE

GW16603LW



ITALIAN STANDARD PLATES - WENGE

Code	Description	For assembly on support	Pack Carton
GW 16 602 LW	2 gang	GW16802 / GW16803	1
GW 16 603 LW	3 gang	GW16803	1
GW 16 604 LW	4 gang	GW16804	1

NOTES: the design variations of the wood plates are a sign of quality and genuine materials.

GW16603LC



ITALIAN STANDARD PLATES - CHERRY

Code	Description	For assembly on support	Pack Carton
GW 16 602 LC	2 gang	GW16802 / GW16803	1
GW 16 603 LC	3 gang	GW16803	1
GW 16 604 LC	4 gang	GW16804	1

NOTES: the design variations of the wood plates are a sign of quality and genuine materials.

GW16603LB



ITALIAN STANDARD PLATES - BAMBOO

Code	Description	For assembly on support	Pack Carton
GW 16 602 LB	2 gang	GW16802 / GW16803	1
GW 16 603 LB	3 gang	GW16803	1
GW 16 604 LB	4 gang	GW16804	1

NOTES: the design variations of the wood plates are a sign of quality and genuine materials.

GW16603LN



ITALIAN STANDARD PLATES - WALNUT

Code	Description	For assembly on support	Pack Carton
GW 16 602 LN	2 gang	GW16802 / GW16803	1
GW 16 603 LN	3 gang	GW16803	1
GW 16 604 LN	4 gang	GW16804	1

NOTES: the design variations of the wood plates are a sign of quality and genuine materials.

GW16603LM



ITALIAN STANDARD PLATES - MAHOGANY

Code	Description	For assembly on support	Pack Carton
GW 16 602 LM	2 gang	GW16802 / GW16803	1
GW 16 603 LM	3 gang	GW16803	1
GW 16 604 LM	4 gang	GW16804	1

NOTES: the design variations of the wood plates are a sign of quality and genuine materials.

ART PLATES

ART PLATES IN TECHNOPOLYMER

GW16303TB



ITALIAN STANDARD PLATES - MILK WHITE

Code	Description	For assembly on support	Pack Carton
GW 16 302 TB	2 gang	GW16802 / GW16803	6
GW 16 303 TB	3 gang	GW16803	12
GW 16 304 TB	4 gang	GW16804	6

CHARACTERISTICS: glossy finish.

GW16303TN



ITALIAN STANDARD PLATES - TONER BLACK

Code	Description	For assembly on support	Pack Carton
GW 16 302 TN	2 gang	GW16802 / GW16803	6
GW 16 303 TN	3 gang	GW16803	12
GW 16 304 TN	4 gang	GW16804	6

CHARACTERISTICS: glossy finish.

ART PLATES IN PAINTED TECHNOPOLYMER

GW16303VT



ITALIAN STANDARD PLATES - TITANIUM

Code	Description	For assembly on support	Pack Carton
GW 16 302 VT	2 gang	GW16802 / GW16803	6
GW 16 303 VT	3 gang	GW16803	12
GW 16 304 VT	4 gang	GW16804	6

CHARACTERISTICS: glossy finish.

GW16303VA



ITALIAN STANDARD PLATES - SLATE

Code	Description	For assembly on support	Pack Carton
GW 16 302 VA	2 gang	GW16802 / GW16803	6
GW 16 303 VA	3 gang	GW16803	6
GW 16 304 VA	4 gang	GW16804	6

CHARACTERISTICS: glossy finish.

ART PLATES IN METALLISED TECHNOPOLYMER

GW16303MC



ITALIAN STANDARD PLATES - CHROME

Code	Description	For assembly on support	Pack Carton
GW 16 302 MC	2 gang	GW16802 / GW16803	6
GW 16 303 MC	3 gang	GW16803	6
GW 16 304 MC	4 gang	GW16804	6

CHARACTERISTICS: glossy finish.

GW16303MO



ITALIAN STANDARD PLATES - GOLD

Code	Description	For assembly on support	Pack Carton
GW 16 302 MO	2 gang	GW16802 / GW16803	6
GW 16 303 MO	3 gang	GW16803	6
GW 16 304 MO	4 gang	GW16804	6

CHARACTERISTICS: glossy finish.

ART PLATES - WOOD

GW16303LA



ITALIAN STANDARD PLATES - MAPLE

Code	Description	For assembly on support	Pack Carton
GW 16 302 LA	2 gang	GW16802 / GW16803	1
GW 16 303 LA	3 gang	GW16803	1
GW 16 304 LA	4 gang	GW16804	1

NOTES: design variations in the wooden plates are a sign of quality and indicate the genuineness of the materials used.

GW16303LW



ITALIAN STANDARD PLATES - WENGE

Code	Description	For assembly on support	Pack Carton
GW 16 302 LW	2 gang	GW16802 / GW16803	1
GW 16 303 LW	3 gang	GW16803	1
GW 16 304 LW	4 gang	GW16804	1

NOTES: design variations in the wooden plates are a sign of quality and indicate the genuineness of the materials used.

GW16303LC



ITALIAN STANDARD PLATES - CHERRY

Code	Description	For assembly on support	Pack Carton
GW 16 302 LC	2 gang	GW16802 / GW16803	1
GW 16 303 LC	3 gang	GW16803	1
GW 16 304 LC	4 gang	GW16804	1

NOTES: design variations in the wooden plates are a sign of quality and indicate the genuineness of the materials used.

ART PLATES - LEATHER

GW16303PN



ITALIAN STANDARD PLATES - BLACK

Code	Description	For assembly on support	Pack Carton
GW 16 302 PN	2 gang	GW16802 / GW16803	1
GW 16 303 PN	3 gang	GW16803	1
GW 16 304 PN	4 gang	GW16804	1

GW16303PB



ITALIAN STANDARD PLATES - WHITE

Code	Description	For assembly on support	Pack Carton
GW 16 302 PB	2 gang	GW16802 / GW16803	1
GW 16 303 PB	3 gang	GW16803	1
GW 16 304 PB	4 gang	GW16804	1

GW16303PR



ITALIAN STANDARD PLATES - RUBY

Code	Description	For assembly on support	Pack Carton
GW 16 302 PR	2 gang	GW16802 / GW16803	1
GW 16 303 PR	3 gang	GW16803	1
GW 16 304 PR	4 gang	GW16804	1

ART PLATES - TECHNOSTONE

GW16303RL



ITALIAN STANDARD PLATES - LAVA

Code	Description	For assembly on support	Pack Carton
GW 16 302 RL	2 gang	GW16802 / GW16803	1
GW 16 303 RL	3 gang	GW16803	1
GW 16 304 RL	4 gang	GW16804	1

CHARACTERISTICS: glossy finish.

GW16303RS



ITALIAN STANDARD PLATES - SAND

Code	Description	For assembly on support	Pack Carton
GW 16 302 RS	2 gang	GW16802 / GW16803	1
GW 16 303 RS	3 gang	GW16803	1
GW 16 304 RS	4 gang	GW16804	1

CHARACTERISTICS: glossy finish.

GW16303RN



ITALIAN STANDARD PLATES - MOON

Code	Description	For assembly on support	Pack Carton
GW 16 302 RN	2 gang	GW16802 / GW16803	1
GW 16 303 RN	3 gang	GW16803	1
GW 16 304 RN	4 gang	GW16804	1

CHARACTERISTICS: glossy finish.

ART PLATES - GLASS

GW16303CG



ITALIAN STANDARD PLATES - ICE

Code	Description	For assembly on support	Pack Carton
GW 16 302 CG	2 gang	GW16802 / GW16803	1
GW 16 303 CG	3 gang	GW16803	1
GW 16 304 CG	4 gang	GW16804	1

CHARACTERISTICS: opaque effect.

NOTES: design variations in the glass plates are a sign of quality and indicate the genuineness of the materials used.

GW16303CA



ITALIAN STANDARD PLATES - AQUAMARINE

Code	Description	For assembly on support	Pack Carton
GW 16 302 CA	2 gang	GW16802 / GW16803	1
GW 16 303 CA	3 gang	GW16803	1
GW 16 304 CA	4 gang	GW16804	1

CHARACTERISTICS: opaque effect.

NOTES: design variations in the glass plates are a sign of quality and indicate the genuineness of the materials used.

GW16303CO



ITALIAN STANDARD PLATES - OCHRE

Code	Description	For assembly on support	Pack Carton
GW 16 302 CO	2 gang	GW16802 / GW16803	1
GW 16 303 CO	3 gang	GW16803	1
GW 16 304 CO	4 gang	GW16804	1

CHARACTERISTICS: opaque effect.

NOTES: design variations in the glass plates are a sign of quality and indicate the genuineness of the materials used.

CHORUS DOMESTIC RANGE

SPECIAL PLATES, ENCLOSURES AND SUPPORTS

WATERTIGHT PLATES

GW16703TB



WATERTIGHT PLATES - ITALIAN STANDARD - IP55

Code	Description	Colour	Included support	Pack Carton
GW 16 703 TB	3 gang	White	GW16803	1/24
GW 16 704 TB	4 gang	White	GW16804	1/24
GW 16 703 TN	3 gang	Black	GW16803	1/12
GW 16 704 TN	4 gang	Black	GW16804	1/12

CHARACTERISTICS: support included. Ergonomic membrane in UV-resistant material. Snap closing system.

Opening made easy by long key.

APPLICATIONS: for installation on rectangular flush-mounting boxes.

NOTES: degree of protection IP55 with closed lid and with installation on smooth, waterproof walls without grooves (smooth tiles, marble).

GW16702TB



WATERTIGHT PLATES - INTERNATIONAL STANDARD - IP55

Code	Description	Colour	Included support	Pack Carton
GW 16 702 TB	2 gang	White	GW16822	1/24
GW 16 702 TN	2 gang	Black	GW16822	1/12

CHARACTERISTICS: support included. Ergonomic membrane in UV-resistant material. Snap closing system.

Opening made easy by long key.

APPLICATIONS: for installation on round/square flush-mounting boxes.

NOTES: degree of protection IP55 with closed lid and with installation on smooth, waterproof walls without grooves (smooth tiles, marble).

PLATES FOR PROFILES

GW16711TB



SELF-SUPPORTING PLATES FOR PROFILES AND PANELS

Code	Description	Plate Colour	Pack Carton
GW 16 711 TB	1 gang	White	1/48
GW 16 712 TB	2 gang	White	1/48
GW 16 711 TN	1 gang	Black	1/24
GW 16 712 TN	2 gang	Black	1/24
GW 16 711 VT	1 gang	Titanium	1/12
GW 16 712 VT	2 gang	Titanium	1/12

CHARACTERISTICS: complete with insulating box and supports. Diameter for cable input max. 10mm.

NOTES: the insulating box is equipped with a tug-proof cable fastener device and a corrugated conduit fastener device.

BLANK PLATES

GW16723TB



BLANK PLATES

Code	Description	Colour	For assembly on support	Pack Carton
GW 16 723 TB	3 gang	White	GW16802 / GW16803	1/24
GW 16 724 TB	4 gang	White	GW16804	1/24
GW 16 723 TN	3 gang	Black	GW16802 / GW16803	1/12
GW 16 724 TN	4 gang	Black	GW16804	1/12

CHARACTERISTICS: support not included for installation on rectangular boxes.

FREE-STANDING AND WALL-MOUNTING CONTAINERS

GW16854



FREE-STANDING AND WALL-MOUNTING CONTAINERS

Code	Description	Colour	Support	External Dim. LxHxD (mm)	Pack Carton
GW 16 854	4 gang	White	GW16804	140x90x69	1/30
GW 16 856	6 gang	White	GW16806	181x90x69	1/15
GW 16 864	4 gang	Black	GW16804	140x90x69	1/30
GW 16 866	6 gang	Black	GW16806	181x90x69	1/15

CHARACTERISTICS: support and plate not included.

Use ONE plates (interchangeability with the entire colour range of ONE plates).

Diameter for cable input max. 10mm.

NOTES: cable gland and safety cable fastener included.

INSTALLATION ACCESSORIES

WALL-MOUNTING BOXES

GW16743



WALL-MOUNTING BOXES SUITABLE FOR ONE PLATES - ITALIAN STANDARD

Code	Description	Colour	Support	External Dim. LxHxD (mm)	Pack Carton
GW 16 743	3 gang	White	GW16803	118x90x46	3/60
GW 16 744	4 gang	White	GW16804	140x90x46	1/30
GW 16 773	3 gang	Black	GW16803	118x90x46	3/30
GW 16 774	4 gang	Black	GW16804	140x90x46	1/30

CHARACTERISTICS: support not included. Use Italian standard ONE plates (interchangeability with the entire colour range of ONE plates).

NOTE: fitted for the fixing of the earth terminal GW26407.

GW16752



WALL-MOUNTING BOXES SUITABLE FOR ONE PLATES - INTERNATIONAL STANDARD

Code	Description	Type	Colour	Support	External Dim. LxHxD (mm)	Pack Carton
GW 16 752	2 gang		White	GW16822	90x90x46	1/30
GW 16 753	2+2 gang	Horizontal	White	GW16822	161x90x46	1/15
GW 16 754	2+2 gang	Vertical	White	GW16822	90x161x46	1/15
GW 16 782	2 gang		Black	GW16822	90x90x46	1/30
GW 16 783	2+2 gang	Horizontal	Black	GW16822	161x90x46	1/15
GW 16 784	2+2 gang	Vertical	Black	GW16822	90x161x46	1/15

CHARACTERISTICS: support not included. Use international standard ONE plates (interchangeability with the entire colour range of ONE plates).

GW16754 and GW16784 to be used together with plates with a centre distance of 71mm.

GW16752 - GW16782 supplied with 2 fixing screws. GW16753 - GW16754 - GW16783 - GW16784 supplied with 6 fixing screws.

NOTES: fitted for the fixing of the earth terminal GW26407.

CONTAINERS FOR OUTDOORS

GW16503



SELF-SUPPORTING, EMPTY, PROTECTED CONTAINERS - IP40

Code	Description	Colour	External Dim. LxHxD (mm)	Pack Carton
GW 16 502	2 gang	Grey RAL 7035	66x82x56	5/80
GW 16 503	3 gang	Grey RAL 7035	99x82x56	3/60
GW 16 504	4 gang	Grey RAL 7035	132x82x56	1/40

CHARACTERISTICS: fitted for fixing the earth terminal GW26407.

NOTE: not suited to receive 1/2 module devices.

GW16513



SELF-SUPPORTING, EMPTY, WATERTIGHT CONTAINERS - IP55

Code	Description	Colour	External Dim. LxHxD (mm)	Pack Carton
GW 16 512	2 gang	Grey RAL 7035	66x82x67	5/60
GW 16 513	3 gang	Grey RAL 7035	99x82x67	2/40
GW 16 514	4 gang	Grey RAL 7035	132x82x67	1/30

CHARACTERISTICS: fitted for fixing the earth terminal GW26407.

Ergonomic membrane, in UV-resistant material. Snap closing system.

NOTES: not suitable for the installation of 1/2 module devices.

COMPONENTS

GW26407



BRASS TERMINAL FOR GROUND FEEDTHROUGH CABLE

Code	Section (mm ²)	Fixing	Pack Carton
GW 26 407	4	Pressure-operated	200/1600

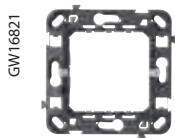
GW24224



SPECIAL SELF-TAPPING SCREWS FOR FIXING THE DEVICES

Code	Dimensions (mm)	Suitable for	Pack Carton
GW 24 224	TC 3.5x17	Wood, plastic, aluminium	500/7000
GW 24 225	TC 3.5x30	Boxes embedded below wall surface	300/4200
GW 24 229	TC 3.5x50	Boxes embedded below wall surface	300/4200

SUPPORTS

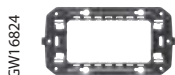


GW16821

INTERNATIONAL STANDARD SUPPORTS

Code	Description	Fixing	Pack Carton
GW 16 821	2 gang	With fixing clutches	12/120
GW 16 822	2 gang	With screws (not included)	20/120
GW 16 823	2 gang	With long fixing clutches	12/120
GW 16 831	2 gang	With screws (6/32x23 included)	10/160

CHARACTERISTICS: GW16821 and GW16823 equipped with fixing clutches for installation on round and square boxes.



GW16824

FRENCH STANDARD SUPPORTS

Code	Description	Fixing	Pack Carton
GW 16 824	4 gang	With screws (not included) horiz. centre distance: 57 mm	12/60
GW 16 825	6 gang	With screws (not included) horiz. centre distance: 2x57mm	12/48



GW16871

PROTECTIVE COVERS FOR PAINTING, FOR CHORUS RANGE, INTERNATIONAL STANDARD

Code	Description	Suitable for supports	Colour	Pack Carton
GW 16 871	2 gang	GW16821 / 2 / 3 and GW16831	Transparent	60/480

CHARACTERISTICS: total protection during painting and finishing operations.

NOTES: embedded fixing to facilitate assembly and removal operations.



GW16802

ITALIAN STANDARD SUPPORTS

Code	Description	Configuration	Pack Carton
GW 16 802	2 gang		12/120
GW 16 803	3 gang		12/240
GW 16 804	4 gang		12/120
GW 16 806	6 gang		12/120
GW 16 808	8 gang	4+4 overlapping	12/48
GW 16 812	12 gang	6+6 overlapping	12/48

CHARACTERISTICS: GW16802 pre-arranged for fixing on both 3P rectangular boxes (centre distance 83.5mm) and round/square boxes (centre distance 60mm) equipped with fixing columns. To be completed with Italian Standard 2P plates.



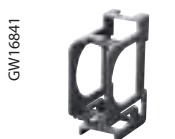
GW16873

PROTECTIVE COVERS FOR PAINTING, FOR CHORUS RANGE, ITALIAN STANDARD

Code	Description	Suitable for supports	Colour	Pack Carton
GW 16 873	2/3 gang	GW16802 / GW16803	Transparent	120/480
GW 16 874	4 gang	GW16804	Transparent	60/240
GW 16 876	6 gang	GW16806	Transparent	60/240

CHARACTERISTICS: total protection during painting and finishing operations.

NOTES: embedded fixing to facilitate assembly and removal operations.



GW16841

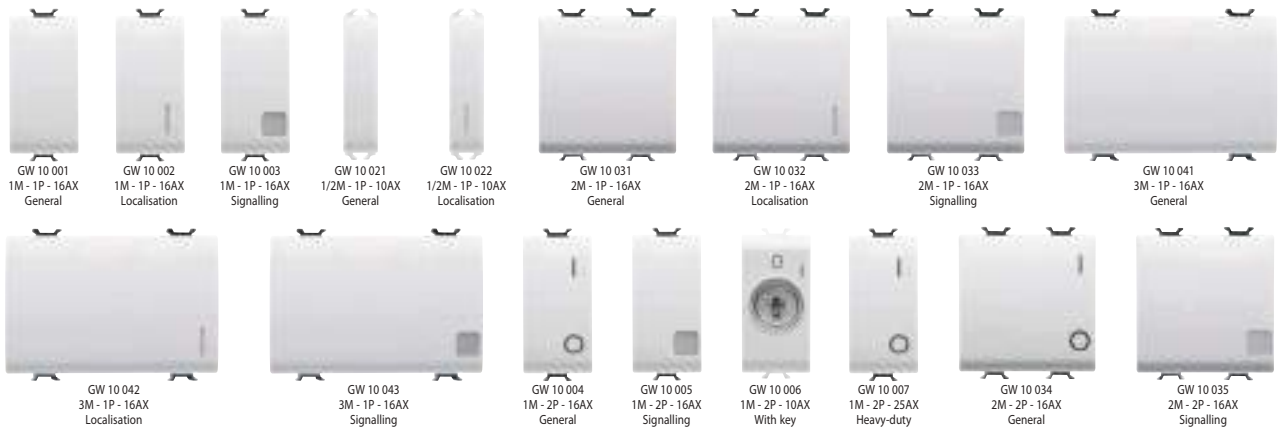
SUPPORTS FOR ASSEMBLING CHORUS DEVICES ON DIN RAIL

Code	Description	No. DIN modules	Pack Carton
GW 16 841	1 gang	1.5	5/300
GW 16 842	2 gang	3	5/150

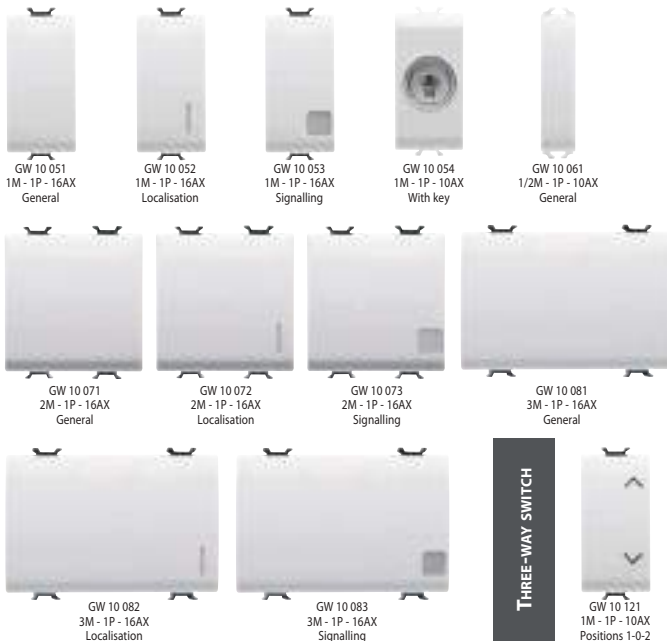
CHARACTERISTICS: manual release system for Chorus devices, without the need for tools.

COMMAND - WHITE

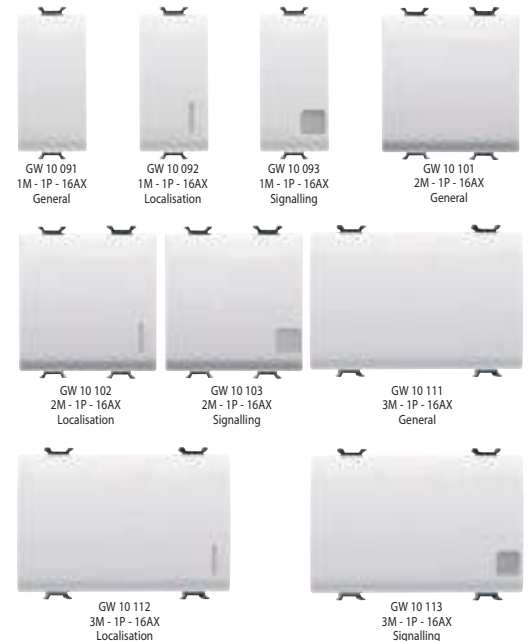
ONE-WAY SWITCHES



TWO-WAY SWITCHES



REVERSING SWITCHES



THREE-WAY SWITCH



PUSH-BUTTONS



QUICK WIRING ONE-WAY SWITCHES



QUICK WIRING TWO-WAY SWITCHES



QUICK WIRING REVERSING SWITCHES



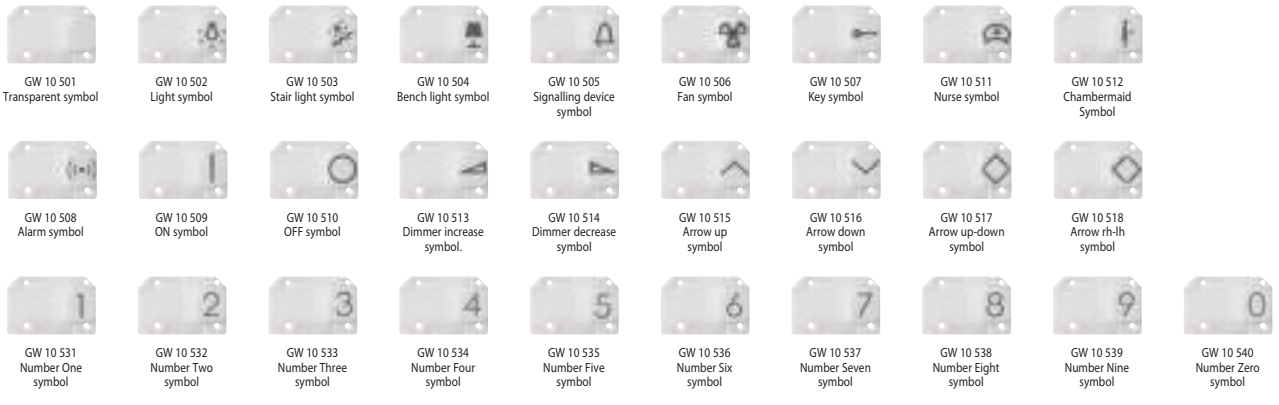
QUICK WIRING PUSH-BUTTONS



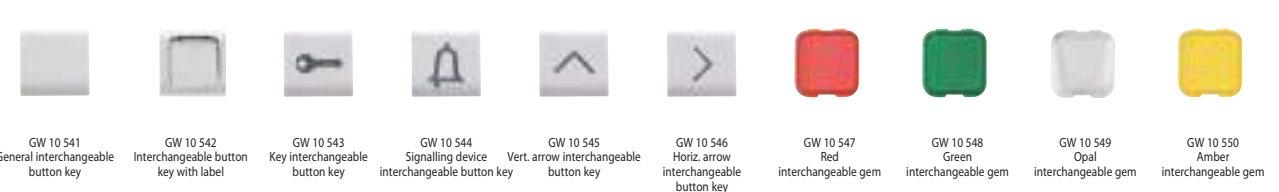
COMBINED DEVICES



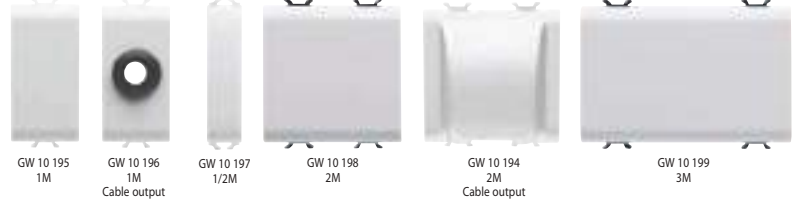
LENSES WITH ILLUMINATED SYMBOLS



INTERCHANGEABLE BUTTON KEYS



BLANKING MODULES AND OUTPUT



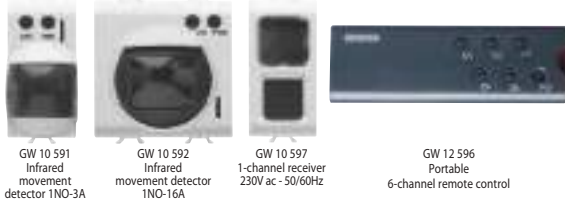
HOTEL COMPONENTS



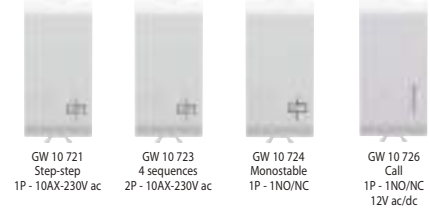
ELECTRONIC ONE-WAY SWITCHES





















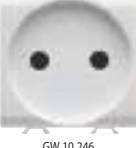












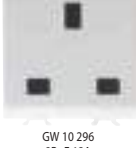










IR



RELAYS



POWER TAKE-OFF - WHITE

ITALIAN	 GW 10 201 2P+E 10A 250V ac	 GW 10 203 2P+E 16A 250V ac Dual amperage	 GW 10 213 2P+E 16A 250V ac Dual amperage	 GW 10 223 2P+E 16A 250V ac Dual amperage	 GW 10 233 2P+E 16A 250V ac Dual amperage	 GW 10 208 Quick wiring 2x2P+E 16A- 250V ac Dual amperage	 GW 10 209 Quick wiring 3x2P+E 16A- 250V ac Dual amperage		
ITALIAN/GERMAN	 GW 10 204 2P+E 16A 250V ac Dual amperage	 GW 10 205 2P+E 16A 250V ac	 GW 10 214 2P+E 16A 250V ac Dual amperage	 GW 10 224 2P+E 16A 250V ac Dual amperage	 GW 10 234 2P+E 16A 250V ac Dual amperage				
GERMAN	 GW 10 241 2P+E 16A 250V ac	 GW 10 251 2P+E 16A 250V ac	 GW 10 341 2P+E 16A - 250V ac Front tightening terminals	 GW 10 351 2P+E 16A - 250V ac Front tightening terminals	 GW 10 241F 2P+E 16A - 250V ac Quick wiring	 GW 10 251F 2P+E 16A - 250V ac Quick wiring			
FRENCH	 GW 10 246 2P 16A 250V ac	 GW 10 247 2P+E 16A 250V ac	 GW 10 248 2P+E 16A - 250V ac Front tightening terminals	 GW 10 258 2P+E 16A - 250V ac Front tightening terminals	 GW 10 247F 2P+E 16A - 250V ac Quick wiring	 GW 10 257F 2P+E 16A - 250V ac Quick wiring	 GW 10 260 Accessory for French socket allocated lines		
ISRAELI	 GW 10 281 2P+E 16A 250V ac	 GW 10 291 2P+E 16A 250V ac	USA	 GW 10 286 2P+E 15A 250/125V ac	INDIAN/SOUTH AFRICAN	 GW 10 298 2P+E 16A 250V ac	EURO-AMERICAN	 GW 10 287 2P 15A 250/125V ac	 GW 10 288 2P+E 15A 250/125V ac
BRITISH	 GW 10 296 2P+E 13A 250V ac	 GW 10 297 2P+E 15A 250V ac	ARGENTINIAN	 GW 10 301 2P+E 10A 250V ac	 GW 10 302 2P+E 15A 250V ac	AUSTRALIAN	 GW 10 306 2P+E 10A 250V ac	 GW 10 307 2P+E 15A 250V ac	
INTERLOCKED SOCKET-OUTLETS	 GW 10 311 2P+E 16A 230V ac	 GW 10 312 2P+E 16A 230V ac	 GW 10 321 2P+E 16A 230V ac	 GW 10 322 2P+E 16A 230V ac	SHAVER SOCKET-OUTLET	 GW 10 331 Shaver socket-outlet 230V ac - 50/60 Hz			

SIGNAL TAKE-OFF - WHITE

TV-SAT		Male IEC type GW 10 361 0db GW 10 362 5db GW 10 363 10db GW 10 364 14db GW 10 365 18db GW 10 366 22db GW 20 277 - terminal resistance 75ohm		Female F type GW 10 371 0db GW 10 372 5db GW 10 373 10db GW 10 374 14db GW 10 375 18db GW 10 376 22db GW 20 277 - terminal resistance 75ohm	TV-FM-SAT		GW 10 381 TV - FM 0dB		GW 10 382 TV-FM-SAT 0dB		GW 10 383 TV-SAT 0dB		GW 10 386 Support for combined TV-R socket-outlets		GW 10 387 Support for combined TV-R-SAT socket-outlets			
TELEPHONE JACKS		GW 10 401 RJ11		GW 10 402 RJ11 IN/OUT		GW 10 403 RJ11 Double		GW 10 404 RJ12		GW 10 405 French 8 contacts		GW 10 406 Israeli 6 contacts			GW 10 410 RJ 11 Double with ADSL filter			
	CONNECTORS FOR STRUCTURED WIRING		GW 10 421 RJ45 5e UTP		GW 10 422 RJ45 5e FTP		GW 10 423 RJ45 6 UTP		GW 10 424 RJ 45 6 FTP		GW 10 425 O.F. ST bush		GW 10 426 O.F. SC bush		GW 10 427 O.F. MT - RJ bush		GW 10431 Connector case RJ45	
		CONNECTORS FOR CONVENTIONAL NETWORKS		GW 10 441 SUB - D 9 contacts		GW 10 442 SUB - D 15 contacts		GW 10 443 SUB - D 25 contacts		GW 10 445 BNC 50/75/93 Ohm cable RG58/59/62		GW 10 457 USB A-type bush						
			SELV SOCKETS		GW 10 451 2P - 6A 24V		GW 10 452 2P - 6A 24V Polarised											
AUDIO AND VIDEO CONNECTORS					GW 10 453 Double RCA		GW 10 454 Phonic circuits		GW 10 446 Female F coupling connector		GW 10 456 HDMI bush		GW 10 458 Speaker connector					

PROTECTION AND SIGNALLING - WHITE

AUTOMATIC CIRCUIT BREAKERS



GW 10 461 - 6A 230V ac
GW 10 462 - 10A 230V ac
GW 10 463 - 16A 230V ac
1P

GW 10 466 - 6A 230V ac
GW 10 467 - 10A 230V ac
GW 10 468 - 16A 230V ac
1P+N

Miniature circuit breakers
Breaking capacity 3kA
C characteristic



GW 10 482 - 6A 230V ac
GW 10 485 - 10A 230V ac
GW 10 488 - 16A 230V ac
1P+N Idn=10mA

GW 10 483 - 6A 230V ac
GW 10 486 - 10A 230V ac
GW 10 489 - 16A 230V ac
1P+N Idn=30mA

Residual current circuit breakers
with overcurrent protection
Breaking capacity 3kA
C characteristic - Class A

PROTECTION DEVICES



GW 10 491
Fuse-holder
In MAX = 16A



GW 10 492
Overvoltage
limiter

ANTI-BLACKOUT LAMPS



GW 10 661
Extractable
230V ac - 50/60Hz



GW 10 662
Anti-blackout lamp 1M
230V ac - 50/60Hz



GW 10 666
Autonomous emergency lamp
230V ac - 50/60Hz

BELLS AND BUZZERS



GW 10 601
Bell
12V ac - 50Hz



GW 10 602
Bell
230V ac - 50Hz



GW 10 606
Buzzer
12V ac - 50Hz



GW 10 607
Buzzer
230V ac - 50Hz



GW 10 611
Ringer with three independent
inputs 12Vac/dc



GW 10 612
Ringer with three independent
inputs 230V ac - 50Hz

INDICATOR LAMPS



GW 10 641
Single indicator lamp
1/2M
Opal



GW 10 642
Single indicator lamp
1/2M
Green



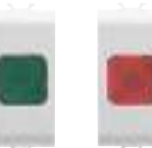
GW 10 643
Single indicator lamp
1/2M
Red



GW 10 644
Single indicator lamp
1/2M
Amber



GW 10 621
Single indicator lamp
1M
Opal



GW 10 622
Single indicator lamp
1M
Green



GW 10 623
Single indicator lamp
1M
Red



GW 10 624
Single indicator lamp
1M
Amber



GW 10 628
Double indicator lamp
1M
Opal



GW 10 629
Double indicator lamp
1M
Red/Green

PROTRUDING INDICATOR LAMPS



GW 10 631
2M Opal
12V ac/dc - 230V ac



GW 10 632
2M Green
12V ac/dc - 230V ac



GW 10 633
2M Red
12V ac/dc - 230V ac



GW 10 634
2M Amber
12V ac/dc - 230V ac

STAIR RISER LAMPS



GW 10 651
2M Opal



GW 10 656
4M Opal

ENERGY, COMFORT AND CLIMATE MANAGEMENT - TECHNICAL ALARMS - REMOTE CONTROL - WHITE

CLOCK / ALARM / THERMOMETER		TIMER DEVICES						
	GW 10 708 Clock / alarm / thermometer 230V ac - 50/60 Hz		GW 10 581 Electronic daily/weekly timer 230V ac - 50/60 Hz	GW 10 582 Relay timer	GW 10 583 Electronic timer			
	CLIMATE CONTROL							
			GW 10 703 Timed thermostat 230V ac - 50/60 Hz	GW 10 701 White wall-mounting timed thermostat GW 14 701 Titanium wall-mounting timed thermostat	GW 10 705 Thermostat 230V ac - 50/60 Hz			
DIMMERS								
	GW 10 561 Res.100-500W 230V ac - 50/60Hz	GW 10 564 ▲ Res.100-900W Ind.40-300VA 230V ac - 50/60Hz	GW 10 567 Res.100-500W With two-way switch 230V ac - 50/60Hz	GW 10 568 Res.60-500W Ind.60-500VA 230V ac - 50Hz	GW 10 571 For electronic transformers 230V ac - 50/60Hz	GW 10 574 For air agitators 55-80VA 230V ac - 50Hz		
	SOFT-TOUCH				ELECTRONIC PUSH-BUTTONS			
		GW 10 901 Soft-touch one-way switch 1M 230V ac - 50Hz	GW 10 902 Soft-touch dimmer 1M 230V ac - 50Hz	GW 10 903 Soft-touch repeater 1M 230V ac - 50Hz		GW 10 912 Push-button NO 1M - 230V ac	GW 10 913 Push-button for BUS inputs NO - 1M	GW 10 914 Double push-button NO+NO - 1M - 1P With interlock
		TECHNICAL ALARMS						
	GW 10 711 LPG detector - 12V ac/dc		GW 10 712 Methane detector - 12V ac/dc	GW 10 716 Water detector - 12V ac/dc	GW 12 718 RF water sensor	GW 10 719 Power supply 230V ac - 12V dc		
REMOTE CONTROLS								
	GW 90 821 GSM remote control with I/O and serial line 230V ac - 50/60Hz - 6 DIN modules	GW 90 822 GSM remote control interface - RF command/control 1 DIN module	GW 90 823 GSM remote control interface - RF burglar alarm device 3 DIN modules					
	LED SIGNALLING UNIT				INCANDESCENT CARTRIDGE LAMPS			
GW 10 881 Blue GW 10 882 White GW 10 883 Red GW 10 884 Green GW 10 885 Amber 230V ac - 50/60 Hz Connection cable 10cm		GW 10 894 White 12/24V ac/dc - 0.6W Connection cable 10cm		GW 20 902 S6 x 36 GW 20 903 S6 x 36		12V White 24V White		
					KEYS			
						GW 20 901 for GW 10 006 and GW 10 054 GW 30 912 for GW 10 145		

▲ = Items designated solely for export to countries outside the European Union.

COMMAND - WHITE VERSION

COMMAND DEVICES - SCREW TERMINALS

CHORUS
DOMESTIC RANGE

GW10001



ONE-WAY SWITCHES 1P - 250V AC				
Code	Description	Type		Pack Carton
No. CHORUS MODULES: 1				
GW 10 001	1P - 16AX	General		12/96
GW 10 002	1P - 16 AX illuminable	Locating		12/24
GW 10 003	1P - 16 AX illuminable	Signalling		12/24
No. CHORUS MODULES: 1/2				
GW 10 021	1P - 10AX	General		6/24
GW 10 022	1P - 10AX illuminable	Locating		6/24
No. CHORUS MODULES: 2				
GW 10 031	1P - 16AX	General		6/24
GW 10 032	1P - 16 AX illuminable	Locating		6/24
GW 10 033	1P - 16 AX illuminable	Signalling		6/24
No. CHORUS MODULES: 3				
GW 10 041	1P - 16AX	General		4/12
GW 10 042	1P - 16 AX illuminable	Locating		4/12
GW 10 043	1P - 16 AX illuminable	Signalling		4/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.
The "signalling" articles are equipped with a neutral identification lens.

GW10004



ONE-WAY SWITCHES 2P - 250V AC				
Code	Description	Type	Symbol	Pack Carton
No. CHORUS MODULES: 1				
GW 10 004	2P - 16 AX	General	0/1	12/48
GW 10 005	2P - 16 AX illuminable	Signalling		12/24
GW 10 006	2P - 10AX	With key	0/1	1/12
No. CHORUS MODULES: 2				
GW 10 034	2P - 16 AX	General	0/1	6/24
GW 10 035	2P - 16 AX illuminable	Signalling		6/24

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.
The "signalling" articles are equipped with a neutral identification lens.

NOTE: GW10006 equipped with 2 keys. Key extractable in both positions.

GW10007



ONE-WAY SWITCH 2P - 250V AC - HEAVY DUTY				
Code	Description	Symbol		Pack Carton
No. CHORUS MODULES: 1				
GW 10 007	2P - 25 AX	0/1		12/24

APPLICATIONS: suitable for special, heavy loads (e.g. fluorescent lamp batteries) or high-consumption fixed users (e.g. ovens, air-conditioners, boilers, etc.).

GW10725



ELECTRONIC SWITCH FOR HEAVY DUTY LOADS - 230V AC 50/60HZ				
Code	No. poles	Output contacts		Pack Carton
No. CHORUS MODULES: 2				
GW 10 725	1P	1NO 16A(AC1)/10A(AC15) 250V ac		1/2

CHARACTERISTICS: can also be commanded via the frontal push-button.

APPLICATIONS: suitable for particular heavy-duty loads (e.g. fluorescent lamps), discharge lamps (max 10A) or high-consumption devices (ovens, air-conditioners, boilers, etc.).

GW10051



TWO-WAY SWITCHES - 250V AC

Code	Description	Type	Pack Carton
No. CHORUS MODULES: 1			
GW 10 051	1P - 16AX	General	12/96
GW 10 052	1P - 16 AX illuminable	Locating	12/24
GW 10 053	1P - 16 AX illuminable	Signalling	12/24
GW 10 054	1P - 10AX	With key	1/12
No. CHORUS MODULES: 1/2			
GW 10 061	1P - 10AX	General	6/24
No. CHORUS MODULES: 2			
GW 10 071	1P - 16AX	General	6/24
GW 10 072	1P - 16 AX illuminable	Locating	6/24
GW 10 073	1P - 16 AX illuminable	Signalling	6/24
No. CHORUS MODULES: 3			
GW 10 081	1P - 16AX	General	4/12
GW 10 082	1P - 16 AX illuminable	Locating	4/12
GW 10 083	1P - 16 AX illuminable	Signalling	4/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.

The "signalling" articles are equipped with a neutral identification lens.

NOTE: GW10054 equipped with 2 keys. Key extractable in both positions.

GW10091



REVERSING SWITCHES - 250V AC

Code	Description	Type	Pack Carton
No. CHORUS MODULES: 1			
GW 10 091	1P - 16AX	General	12/48
GW 10 092	1P - 16 AX illuminable	Locating	12/24
GW 10 093	1P - 16 AX illuminable	Signalling	12/24
No. CHORUS MODULES: 2			
GW 10 101	1P - 16AX	General	6/12
GW 10 102	1P - 16 AX illuminable	Locating	6/12
GW 10 103	1P - 16 AX illuminable	Signalling	6/12
No. CHORUS MODULES: 3			
GW 10 111	1P - 16AX	General	4/12
GW 10 112	1P - 16 AX illuminable	Locating	4/12
GW 10 113	1P - 16 AX illuminable	Signalling	4/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.

The "signalling" articles are equipped with a neutral identification lens.

GW10121



THREE-WAY SWITCH - 250V AC

Code	Description	Symbol	Pack Carton
No. CHORUS MODULES: 1			
GW 10 121	1P - 10AX	UP - DOWN	12/24

CHARACTERISTICS: three standing positions. Both contacts are open in central position (OFF).

APPLICATIONS: controlling circuits requiring an interlock (e.g. operating of motorised devices with direction reversal).
2-user selective control.

GW10131



PUSH-BUTTONS 1P - 250V AC

Code	Description	Type	Characteristics	Symbol	Pack Carton
No. CHORUS MODULES: 1					
GW 10 131	1P NO - 16A	General			12/96
GW 10 132	1P NO - 16A illuminable	Locating			12/24
GW 10 133	1P NO - 16A illuminable	Signalling			12/24
GW 10 136	1P NO - 16A	Pull-cord			1/12
GW 10 137	1P NC - 16A	General		O red	12/24
GW 10 138	1P NC+NO - 16 A	Stop		Red	12/24
GW 10 139	1P NO+NC - 16 A	Start		Green	12/24
GW 10 140	1P NO+NO - 10A	With interlocking		UP - DOWN	12/24
GW 10 141	1P NO+1P NO - 16 A	Double			12/24
GW 10 142	1P NO - 16A	Indicator 22x22 mm	Green diffuser		12/24
GW 10 143	1P NO - 16A	Indicator 22x22 mm	Red diffuser		12/24
GW 10 144	1P NO - 16A	Indicator 22x22 mm	Opal diffuser		12/24
GW 10 151	1P NO - 16A illuminable	Signalling		Light	12/24
GW 10 152	1P NO - 16A illuminable	Signalling		Key	12/24
GW 10 153	1P NO - 16A illuminable	Signalling		Bell	12/24
No. CHORUS MODULES: 1/2					
GW 10 161	1P NO - 10A	General			6/24
GW 10 162	1P NO - 10A illuminable	Locating			6/24
No. CHORUS MODULES: 2					
GW 10 171	1P NO - 16A	General			6/24
GW 10 172	1P NO - 16A illuminable	Locating			6/24
GW 10 173	1P NO - 16A illuminable	Signalling			6/24
No. CHORUS MODULES: 3					
GW 10 181	1P NO - 16A	General			4/12
GW 10 182	1P NO - 16A illuminable	Locating			4/12
GW 10 183	1P NO - 16A illuminable	Signalling			4/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.

GW10136 Cord in insulating material, 140cm long, with red knob.

GW10140 Button with mechanical interlock. In the central position (OFF), both contacts are open; advisable for activating motorised devices with direction reversal (e.g. roller-shutters, curtains, etc.)

GW10141 independent push-buttons that can also be activated simultaneously.

GW10134



PUSH-BUTTONS 2P - 250V AC

Code	Description	Type	Symbol	Pack Carton
No. CHORUS MODULES: 1				
GW 10 134	2P NO - 16A	General	O	12/24
GW 10 135	2P NO - 10A illuminable	Signalling		12/24
GW 10 145	2P NO - 10A	With key		1/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.

NOTE: GW10145 equipped with 2 keys.

GW10191



PUSH-BUTTONS WITH ILLUMINATED NAME PLATE - 250V AC

Code	Description	Lamp voltage	Lamp	Lamp power	Pack Carton
No. CHORUS MODULES: 2					
GW 10 191	1P NO - 10A	12-24V ac/dc	Cartridge lamp S6x36 mm	2 W	6/24
No. CHORUS MODULES: 3					
GW 10 192	1P NO - 10A	12-24V ac/dc	Cartridge lamp S6x36 mm	2 W	4/16

CHARACTERISTICS: lamp not included.

COMMAND DEVICES - QUICK WIRING TERMINALS

GW10031F		ONE-WAY SWITCHES 1P - 250V AC				
		Code	Description	Type	Type of terminals	
		No. CHORUS MODULES: 2				
		GW 10 031 F	1P - 16AX	General	Spring-activated	6/24
		GW 10 032 F	1P - 16 AX illuminable	Locating	Spring-activated	6/24
GW 10 033 F	1P - 16 AX illuminable	Signalling	Spring-activated	6/24		
<p>CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens.</p> <p>NOTE: spring strip, without the use of tools.</p>						
GW10034F		ONE-WAY SWITCHES 2P - 250V AC				
		Code	Description	Type	Type of terminals	
		No. CHORUS MODULES: 2				
		GW 10 034 F	2P - 16 AX	General	Spring-activated	0/1 6/24
		GW 10 035 F	2P - 16 AX illuminable	Signalling	Spring-activated	6/24
<p>CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens.</p> <p>NOTE: spring strip, without the use of tools.</p>						
GW10071F		TWO-WAY SWITCHES 1P - 250V AC				
		Code	Description	Type	Type of terminals	
		No. CHORUS MODULES: 2				
		GW 10 071 F	1P - 16AX	General	Spring-activated	6/24
		GW 10 072 F	1P - 16 AX illuminable	Locating	Spring-activated	6/24
GW 10 073 F	1P - 16 AX illuminable	Signalling	Spring-activated	6/24		
<p>CHARACTERISTICS: the illuminable articles use a miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens.</p> <p>NOTE: spring strip, without the use of tools.</p>						
GW10101F		REVERSING SWITCHES 1P - 250V AC				
		Code	Description	Type	Type of terminals	
		No. CHORUS MODULES: 2				
		GW 10 101 F	1P - 16AX	General	Spring-activated	6/12
		GW 10 102 F	1P - 16 AX illuminable	Locating	Spring-activated	6/12
GW 10 103 F	1P - 16 AX illuminable	Signalling	Spring-activated	6/12		
<p>CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens.</p> <p>NOTE: spring strip, without the use of tools.</p>						
GW10171F		PUSH-BUTTONS 1P - 250V AC				
		Code	Description	Type	Type of terminals	
		No. CHORUS MODULES: 2				
		GW 10 171 F	1P NO - 16A	General	Spring-activated	6/24
		GW 10 172 F	1P NO - 16A illuminable	Locating	Spring-activated	6/24
GW 10 173 F	1P NO - 16A illuminable	Signalling	Spring-activated	6/24		
<p>CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens.</p> <p>NOTE: spring strip, without the use of tools.</p>						
GW10160F		COMBINED COMMAND DEVICES - 250V AC				
		Code	Description	Type	Type of terminals	
		No. CHORUS MODULES: 2				
		GW 10 078 F	Twin no-way switch 1P - 16 AX	General	Spring-activated	6/24
		GW 10 159 F	Two-way switch 1P - 16 AX / Push-button 1P NO 16A	General	Spring-activated	6/24
GW 10 160 F	Twin push-button 1P NO - 16 A	UP - DOWN - STOP	Spring-activated	6/24		
<p>NOTE: spring strip, without the use of tools.</p>						

LENS WITH ILLUMINATED SYMBOL

CHORUS
DOMESTIC RANGE

GW10502



SYMBOLS FOR OPERATIONAL SIGNALLING DEVICES

Code	Symbol	Pack Carton
SUITABLE FOR: GENERAL SERVICES		
GW 10 501	Transparent	20/240
GW 10 502	Light	20/240
GW 10 503	Stair light	20/240
GW 10 504	Table light	20/240
GW 10 505	Bell	20/240
GW 10 506	Fan	20/240
GW 10 507	Key	20/240
GW 10 508	Alarm	20/240
GW 10 509	ON	20/240
GW 10 510	OFF	20/240
GW 10 511	Nurse	20/240
GW 10 512	Waitress	20/240
GW 10 513	Dimmer increase	20/240
GW 10 514	Dimmer decrease	20/240
GW 10 515	UP arrow	20/240
GW 10 516	DOWN arrow	20/240
GW 10 517	UP - DOWN arrow	20/240
GW 10 518	RIGHT - LEFT arrow	20/240
SUITABLE FOR: NUMERICAL SERVICES		
GW 10 531	One	20/240
GW 10 532	Two	20/240
GW 10 533	Three	20/240
GW 10 534	Four	20/240
GW 10 535	Five	20/240
GW 10 536	Six	20/240
GW 10 537	Seven	20/240
GW 10 538	Eight	20/240
GW 10 539	Nine	20/240
GW 10 540	Zero	20/240

NOTE: to be used in place of the neutral identification lens in signalling-type devices.

INTERCHANGEABLE BUTTON KEYS AND DIFFUSERS

GW10542



INTERCHANGEABLE BUTTON KEYS AND DIFFUSERS

Code	Symbol	Pack Carton
DESCRIPTION: KEYS 22x22 MM		
GW 10 541	General	4/48
GW 10 542	With label	4/48
GW 10 543	Key	4/48
GW 10 544	Bell	4/48
GW 10 545	Vertical arrow	4/48
GW 10 546	Horizontal arrow	4/48
DESCRIPTION: DIFFUSERS		
GW 10 547	Red	4/48
GW 10 548	Green	4/48
GW 10 549	Opal	4/48
GW 10 550	Amber	4/48

APPLICATIONS: diffusers to be used in place of those on the indicator lamps GW10142, GW10143, GW10144.

NOTE: the Chorus modular system allows the use of 22 x 22mm interchangeable button keys in place of the standard button keys fitted on the command devices GW10141, GW10142, GW10143, GW10144.

BADGE SWITCH

GW10039



UNIVERSAL BADGE SWITCH

Code	Description	Badge max width	Type	No. Chorus modules	Pack Carton
GW 10 039	1P NO - 16 AX	54 mm	Illuminable	2	1/6

CHARACTERISTICS: the product can be fitted directly in 2-module plates; with plates of a greater modularity, you are advised to use 2 blanking modules for a 1/2 module (one on the right and one on the left).

APPLICATIONS: activation of circuits and services in hotel rooms (e.g. lights, air-conditioner, fridge-bar), indication of room occupied (with badge inserted)

NOTES: badges not included. The article uses miniature lamps with wired lead, not included.

BLANKING MODULES AND CABLE OUTPUTS

Code	Description	No. Chorus modules	Pack Carton
GW 10 195	1 gang	1	5/200
GW 10 197	1/2 gang	1/2	4/48
GW 10 198	2 gang	2	1/48
GW 10 199	3 gang	3	1/48

Code	Description	No. Chorus modules	Pack Carton
GW 10 194	2 gang	2	6/48
GW 10 196	1 gang	1	1/48

NOTES: GW10196 with anti-traction cable fastener device, cables min 6mm ø, max 10mm ø.
GW10194 with anti-traction cable fastener device, cables min 4mm ø, max 10mm ø. To be installed with the cable output downwards.

MOVEMENT DETECTORS

Code	Power supply voltage	Output contacts	No. Chorus modules	Pack Carton
GW 10 591	230V ac - 50/60Hz	1NO 3A(AC1)/2A(AC15) 250V ac	1	1/4
GW 10 592	230V ac - 50/60Hz	1NO 16A(AC1)/10A(AC15) 250V ac	2	1/2

CHARACTERISTICS: duration adjustment intervention 15 sec. - 10 min. Adjustment of light-sensitive threshold 10 - 500 lux.
GW12591 sensor with fixed lens, not suitable to command fluorescent lamps directly.
GW12592 sensor with adjustable lens, possibility to command via remote NO push-buttons as well.
Suitable to fluorescent lamps control (max 10A).
APPLICATIONS: energy-saving: command of the lighting of rooms and areas only when people pass through.
Comfort and safety: automatic command of users, without the need to use circuit breakers.
NOTE: do not install the products in watertight plates, as the membrane of the cover prevents the detector lens from working correctly.

INFRARED REMOTE CONTROL AND RECEIVER

Code	Power supply batteries	No. channels	Range	Pack Carton
GW 12 596	2 alkaline 1.5V AAA-type	6	10 m	1/2

APPLICATIONS: the setting of the inner microswitch on three bands allows you to command up to 18 different receivers GW10597.
NOTE: includes support for wall-mounting. Batteries not included.

Code	Power supply voltage	Channel selector	Relay output	No. Chorus modules	Pack Carton
GW 10 597	230V ac 50/60Hz	18 positions	1NO 5A(AC1) 250V ac	1	1/4

APPLICATIONS: jogging command of ringers, electro-locks etc. (direct use, or via momentary relay GW10724).
ON-OFF command of user devices (lamps, fans, etc.) by means of a latching relay GW10721, GW10723.
Command and regulation of lights and air agitators by means of dimmers GW10568, GW10571, GW10574.

RELAY

Code	Type	No. poles	Output contacts	No. Chorus modules	Pack Carton
GW 10 721	Latching relay	1P	10 AX 250V ac	1	1/12
GW 10 723	Latching relay, 4 sequences	2P	10 AX 250V ac	1	1/12
GW 10 724	Momentary relay	1P	1NO/NC 10A(AC1)/2A(AC15)250V ac	1	1/12

APPLICATIONS: GW10721, GW10723 command of lighting devices from more than one point, by means of remote NO push-buttons.
Engine function/stop commands (extractors, air agitators, etc.).
GW10724 as an auxiliary element for commanding special loads, for distance signalling, for electrical separation between the command and use circuits.

Code	No. poles	Output contacts	No. Chorus modules	Pack Carton
GW 10 726	1P	1NO/NC 12V	1	1/12

CHARACTERISTICS: inlets for remote NO push-buttons for alarms (e.g. GW10136) and alarm reset (e.g. GW10145).

POWER TAKE-OFF - WHITE VERSION

SOCKET-OUTLETS - ITALIAN/GERMAN STANDARD

GW10203

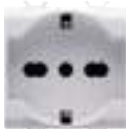


ITALIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 10 201	2P+E - 10A	P11	Ø 4 mm	1	12/96
GW 10 203	2P+E - 16A Dual amperage	P11-P17	Ø 4 / 5 mm	1	12/96

CHARACTERISTICS: with safety shields.

GW10204



ITALIAN/GERMAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	Earth pit	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 10 204	2P+E - 16A Dual amperage	Side and central	P30-P17	Ø 4 / 4.8 / 5 mm	2	6/48
GW 10 205	2P+E - 16A	Side and central	P30	Ø 4 / 4.8 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW10208



ITALIAN STANDARD DOUBLE SOCKET-OUTLET - 250V AC

Code	Description	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 10 208	2x2P+E - 16A Dual amperage	P11-P17	Ø 4 / 5 mm	2	6/24

CHARACTERISTICS: with safety shields. The wiring is carried out via 3 terminals that power the socket-outlets, without using U-bolts.

GW10209



ITALIAN STANDARD TRIPLE SOCKET-OUTLET - 250V AC

Code	Description	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 10 209	3x2P+E - 16A Dual amperage	P11-P17	Ø 4 / 5 mm	3	4/12

CHARACTERISTICS: with safety shields. The wiring is carried out via 3 terminals that power the socket-outlets, without using U-bolts.

SOCKET-OUTLETS FOR DEDICATED LINES - ITALIAN/GERMAN STANDARD

GW10213



ITALIAN STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

Code	Description	Colour	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 10 213	2P+E - 16A Dual amperage	Red	P11-P17	Ø 4 / 5 mm	1	12/24
GW 10 223	2P+E - 16A Dual amperage	Green	P11-P17	Ø 4 / 5 mm	1	12/24
GW 10 233	2P+E - 16A Dual amperage	Orange	P11-P17	Ø 4 / 5 mm	1	12/24

CHARACTERISTICS: with safety shields.

GW10214



ITALIAN/GERMAN STANDARD DUAL AMPERAGE SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

Code	Description	Colour	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 10 214	2P+E - 16A Dual amperage	Red	P30-P17	Ø 4 / 4.8 / 5 mm	2	6/12
GW 10 224	2P+E - 16A Dual amperage	Green	P30-P17	Ø 4 / 4.8 / 5 mm	2	6/12
GW 10 234	2P+E - 16A Dual amperage	Orange	P30-P17	Ø 4 / 4.8 / 5 mm	2	6/12

CHARACTERISTICS: with safety shields. Pit of side and central earth contacts. Pre-arranged for housing miniature lamps with wired lead.

APPLICATIONS: possibility to indicate presence of auxiliary network.

SOCKET-OUTLETS - GERMAN STANDARD

GW10241



GERMAN STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 10 241	2P+E - 16A	Ø 4.8 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW10251



GERMAN STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 251	2P+E - 16A	Red	Ø 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields.

GW10341



GERMAN STANDARD SOCKET-OUTLET WITH FRONT TIGHTENING TERMINALS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 10 341	2P+E - 16A	Ø 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Front access terminals with screw fixing, side input of the conductors.

GW10351



GERMAN STANDARD SOCKET-OUTLET WITH FRONT TIGHTENING TERMINALS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 351	2P+E - 16A	Red	Ø 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Front access terminals with screw fixing, side input of the conductors.

GW10241F



GERMAN STANDARD SOCKET-OUTLET WITH QUICK WIRING TERMINALS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 10 241 F	2P+E - 16A	Ø 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Spring strip, without the use of tools.

GW10251F



GERMAN STANDARD SOCKET-OUTLET WITH QUICK WIRING TERMINALS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 251 F	2P+E - 16A	Red	Ø 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Spring strip, without the use of tools.

SOCKET-OUTLETS - FRENCH STANDARD (FOR EXPORT)

GW10246



FRENCH STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 10 246	2P - 16A	Ø 4 / 4.8 mm	2	1/24
GW 10 247	2P+E - 16A	Ø 4 / 4.8 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW10248



FRENCH STANDARD SOCKET-OUTLET WITH FRONT TIGHTENING TERMINALS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 10 248	2P+E - 16A	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Front access terminals with screw fixing, side input of the conductors.

GW10258



FRENCH STANDARD SOCKET-OUTLET FOR DEDICATED LINES, WITH FRONT TIGHTENING TERMINALS - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 258	2P+E - 16A	Red	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Front access terminals with screw fixing, side input of the conductors.
To be used in combination with plugs equipped with accessory GW10260.

GW10247F



FRENCH STANDARD SOCKET-OUTLET WITH QUICK WIRING TERMINALS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 10 247 F	2P+E - 16A	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. spring strip, without the use of tools.

GW10257F



FRENCH STANDARD SOCKET-OUTLET WITH QUICK WIRING TERMINALS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 257 F	2P+E - 16A	Red	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. spring strip, without the use of tools.
To be used in combination with plugs equipped with accessory GW10260.

GW10260



FRENCH STANDARD SOCKET-OUTLET FOR DEDICATED LINES - ACCESSORY

Code	Colour	For sockets	Pack Carton
GW 10 260	Red	GW10257F - GW10258	10/100

CHARACTERISTICS: to be fixed directly on the 2P+E French standard plug, to avoid the incorrect insertion in allocated line circuits.

SOCKET-OUTLETS - ISRAELI STANDARD (FOR EXPORT)

GW10281



ISRAELI STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 10 281	2P+E - 16A	Ø 4 / 4,4 mm Round	2	1/24

CHARACTERISTICS: with safety shields.

GW10291



ISRAELI STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 291	2P+E - 16A	Red	Ø 4 / 4,4 mm Round	2	1/24

CHARACTERISTICS: with safety shields.

SOCKET-OUTLETS - INTERNATIONAL STANDARD (FOR EXPORT)

GW10286



USA STANDARD SOCKET-OUTLET - 250/125V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 10 286	2P+E - 15A	Flat parallel horizontal	1	12/48

GW10288



EURO-AMERICAN STANDARD SOCKET-OUTLET - 250/125V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 10 287	2P - 15A	Ø 4 mm Flat	1	12/48
GW 10 288	2P+E - 15A	Ø 4 mm Flat	1	12/48

GW10296



BRITISH STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 10 296	2P+E - 13A	Flat	2	6/48
GW 10 297	2P+E - 15A	Ø 7 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW10298



INDIAN-SOUTH AFRICAN STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 10 298	2P+E - 16A	Ø 7 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW10301



ARGENTINIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 10 301	2P+E - 10A	Flat	2	6/48
GW 10 302	2P+E - 15A	Flat	2	6/48

GW10306



AUSTRALIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 10 306	2P+E - 10A	Flat	2	6/48
GW 10 307	2P+E - 15A	Flat	2	6/48

INTERLOCKED SWITCHED SOCKET-OUTLETS

GW10311



INTERLOCKED SWITCHED SOCKET-OUTLETS WITH MINIATURE CIRCUIT BREAKER - 230V AC

Code	Description	Type of sockets	Miniature circuit breakers	Breaking capacity	No. Chorus modules	Pack Carton
GW 10 311	2P+E - 16A	P17-P11	1P+N 16A	3 kA	2	1/6
GW 10 312	2P+E - 16A	P30-P17	1P+N 16A	3 kA	3	1/4

CHARACTERISTICS: Interlocked switched socket-outlets with automatic miniature circuit breaker (C bend). Pits under tension only with plug inserted.

APPLICATIONS: suitable for installation in the system terminations to protect the load.

GW10321



INTERLOCKED SWITCHED SOCKET-OUTLETS WITH RESIDUAL MINIATURE CIRCUIT BREAKER - 230V AC

Code	Description	Type of sockets	Miniature circuit breakers	Breaking capacity	Idn	No. Chorus modules	Pack Carton
GW 10 321	2P+E - 16A	P17-P11	1P+N 16A	3 kA	10 mA	3	1/4
GW 10 322	2P+E - 16A	P30-P17	1P+N 16A	3 kA	10 mA	4	1/2

CHARACTERISTICS: Interlocked switched socket-outlets with automatic miniature circuit breaker (C bend) and residual current circuit breaker (type A). Pits under tension only with plug inserted.

APPLICATIONS: suitable for installation in the system terminations to protect the load.

SHAVER SOCKET-OUTLET

GW10331



EURO-AMERICAN STANDARD SHAVER SOCKET-OUTLET WITH INSULATION TRANSFORMER

Code	Power supply voltage	For plug pins	Selectable output voltage	Maximum power	No. Chorus modules	Pack Carton
GW 10 331	230V ac - 50/60 Hz	Ø 4 / 5 - 6.3x1.5 mm	120-230V ac	20 VA	3	1/2

CHARACTERISTICS: the socket-outlet is equipped with a self-protection device against overloading.

The output voltage should be selected correctly, consulting the rating of the user device before inserting the plug.

The special signalling LED allows you to identify the chosen voltage.

SIGNAL TAKE-OFF - WHITE VERSION

TV-SAT SOCKET-OUTLETS

GW10361



COAXIAL TV SOCKETS (5-2400 MHZ), CLASS A CLASS A SHIELDING - MALE IEC CONNECTOR Ø 9.5 MM

Code	Description	Type	Attenuation	No. Chorus modules	Pack Carton
GW 10 361	Direct	With passage of current	0 dB	1	1/48
GW 10 362	Feedthrough		5 dB	1	1/24
GW 10 363	Feedthrough		10 dB	1	1/24
GW 10 364	Feedthrough		14 dB	1	1/24
GW 10 365	Feedthrough		18 dB	1	1/24
GW 10 366	Feedthrough		22 dB	1	1/24
GW 20 277	Terminal resistance 75ohm				50/200

CHARACTERISTICS: GW20277 allows you to make terminal socket-outlets in combination with feedthrough type socket-outlets.

APPLICATIONS: socket-outlets suitable for return trunking.

NOTE: the TV 5 dB GW10362 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user door (socket-outlet towards the user device) must always be closed with a load of 75 ohm (TV, video-player, SAT receiver, or a termination of 75 ohm). Feedthrough socket-outlets are equipped with protection against electrical shock Art.9.14 CEI EN 50083-1.

GW10371



COAXIAL TV-SAT SOCKET-OUTLETS, CLASS A SHIELDING - FEMALE F CONNECTOR

Code	Description	Type	Attenuation	No. Chorus modules	Pack Carton
GW 10 371	Direct	With passage of current	0 dB	1	1/48
GW 10 372	Feedthrough		5 dB	1	1/24
GW 10 373	Feedthrough		10 dB	1	1/24
GW 10 374	Feedthrough		14 dB	1	1/24
GW 10 375	Feedthrough		18 dB	1	1/24
GW 10 376	Feedthrough		22 dB	1	1/24
GW 20 277	Terminal resistance 75ohm				50/200

CHARACTERISTICS: GW10371 allows the passage of voltage/current of remote power supply and/or control signals towards the user door (max 24V - 500 mA). GW20277 allows you to make terminal socket-outlets in combination with feedthrough type socket-outlets.

APPLICATIONS: socket-outlets suitable for return trunking.

NOTE: the TV - SAT 5 dB GW10372 socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user door (socket-outlet towards the user device) must always be closed with a load of 75 ohm (TV, video-player, SAT receiver, or a termination of 75 ohm). Feedthrough socket-outlets are equipped with protection against electrical shock Art.9.14 CEI EN 50083-1.

GW10382



TV-FM-SAT SOCKET-OUTLETS

Code	Connectors	Description	Attenuation	No. Chorus modules	Pack Carton
GW 10 381	TV-FM	Direct	0 dB	2	1/24
GW 10 382	TV-FM-SAT	Direct	0 dB	2	1/24
GW 10 383	TV-SAT	Direct	0 dB	2	1/24

CHARACTERISTICS: TV-FM direct co-axial socket-outlet GW10381 with male IEC-type TV connector ø 9.5mm and female IEC-type FM connector ø 9.5mm.

TV-FM-SAT direct co-axial socket-outlet GW10382 with male IEC-type TV connector ø 9.5mm, female IEC-type FM connector ø 9.5mm, and female F-type SAT connector.

TV-SAT direct co-axial socket-outlet GW10383 with male IEC-type TV connector ø 9.5mm and female F-type SAT connector.

NOTES: demixed socket-outlets with input for co-axial cable Ø 5mm or 7mm.

GW10386



UNIVERSAL SUPPORTS FOR COMBINED TV-SAT-R SOCKET-OUTLETS

Code	Description	No. holes	Pack Carton
GW 10 386	For TV-R base	2	1/24
GW 10 387	For TV/R-SAT base	2	1/24

APPLICATIONS: suitable for integration on the Chorus range of TV-SAT-R standard bases available on the market.

ACCESSORIES SUPPLIED: fixing screws.

TELEPHONE JACKS

GW10403



INTERNATIONAL STANDARD TELEPHONE JACKS

Code	Description	Type	Connection	No. Chorus modules	Pack Carton
GW 10 401	RJ11		Toolless	1	1/24
GW 10 402	RJ11	In out	Impact tool	1	1/24
GW 10 403	RJ11	Double	Impact tool	1	1/24
GW 10 404	RJ12		Toolless	1	1/24

CHARACTERISTICS: insulator displacement connection. GW10402 connector with double terminal board (input and output) to facilitate the shunt of a second line.

APPLICATIONS: RJ11: telephone, telefax, modem. RJ12: intercommunicating internal systems.

GW10410



DOUBLE CONNECTOR WITH ADSL FILTER

Code	Description	No. Chorus modules	Pack Carton
GW 10 410	ADSL filter with RJ11 dual S-outlet for telephone/modem	2	1/24

CHARACTERISTICS: BUS-type rear terminal for connecting up to 4 cables. Built-in ADSL filter.

APPLICATIONS: to be used for the simultaneous connection of telephone devices and modem/PC.

GW10405



FRENCH STANDARD TELEPHONE JACK

Code	Description	Connection	No. Chorus modules	Pack Carton
GW 10 405	8 contacts	Screw terminals	1	1/24

GW10406



ISRAELI STANDARD TELEPHONE JACK

Code	Description	Connection	No. Chorus modules	Pack Carton
GW 10 406	6 contacts	Screw terminals	1	1/24

CONNECTORS FOR STRUCTURED WIRING

GW10421



RJ45 CONNECTORS

Code	Description	Number pairs	Category	Cables	Connection	No. Chorus modules	Pack Carton
GW 10 421	RJ45	4	5e	UTP	Toolless	1	1/24
GW 10 422	RJ45	4	5e	FTP	Toolless	1	1/24
GW 10 423	RJ45	4	6	UTP	Toolless	1	1/24
GW 10 424	RJ45	4	6	FTP	Toolless	1	1/24

APPLICATIONS: LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e.

LANs up to 250MHz (e.g. videoconference systems, CCTV) for cat.6.

NOTE: circuit identification label included.

GW10431



EMPTY CONTAINER PREARRANGED FOR HOUSING RJ45 DATA CONNECTORS

Code	For connector type	No. Chorus modules	Pack Carton
GW 10 431	Keystone Jack	1	1/48

GW10457



USB BUSH

Code	Description	No. Chorus modules	Pack Carton
GW 10 457	USB Bush	1	1/24

CHARACTERISTICS: A-type USB adapter, female - female: given the depth of the USB connector, it is not possible to install the GW10457 product inside conventional flush-mounting and surface-mounting boxes.

GW10425



BUSHES IN OPTICAL FIBRE

Code	Description	Type	No. Chorus modules	Pack Carton
GW 10 425	O.F. ST Bush	Bush duplex 50/125u	1	1/24
GW 10 426	O.F. SC Bush	Bush duplex 50/125u	1	1/24
GW 10 427	O.F. MT-RJ Bush	Bush duplex 50/125u	1	1/24

CHARACTERISTICS: precise joint and signal transmission, without any attenuation. GW10425 ST bayonet connection, GW10426 SC coupling connection, GW10427 MT-RJ coupling connection.

CONNECTORS FOR CONVENTIONAL NETWORKS

GW10443



CONNECTORS FOR CONVENTIONAL NETWORKS

Code	Description	Connection	No. Chorus modules	Pack Carton
GW 10 441	SUB-D 9 contacts	Weld-in	2	1/12
GW 10 442	SUB-D 15 contacts	Weld-in	2	1/12
GW 10 443	SUB-D 25 contacts	Weld-in	3	1/16
GW 10 445	BNC50/75/93Ohm cableRG58/59/62	Weld-in	1	1/12

CHARACTERISTICS: GW10445 BNC 50 Ohm (Ethernet networks); BNC 75/93 Ohm (video control systems, terminal connections).

APPLICATIONS: SUB-D connectors suitable for point-point connections for interfacing computers, peripheral devices, modems, etc.

NOTES: circuit identification label included.

SOCKET-OUTLETS FOR AUXILIARY CIRCUITS

GW10451



SELV SOCKET-OUTLETS

Code	Description	For plug pins	Centre distance	No. Chorus modules	Pack Carton
GW 10 451	2P - 6A - 24V	Ø 3 mm	12.4 mm	1	12/24
GW 10 452	2P - 6A - 24V polarised	flat	12.4 mm	1	12/24

AUDIO AND VIDEO CONNECTORS

GW10453



AUDIO AND VIDEO CONNECTORS

Code	Description	No. Chorus modules	Pack Carton
GW 10 453	Double RCA	1	1/24
GW 10 454	Phonic circuits	1	1/24
GW 10 446	F female Coupling connector	1	1/12
GW 10 456	HDMI Bush	1	1/24
GW 10 458	Speaker connector	1	1/24

CHARACTERISTICS: GW10453 double RCA stud connector, red and white, weld-in connection.

GW10454 welding connection. GW10446 input and output connection via F-type male connector.

PROTECTION - WHITE VERSION

AUTOMATIC CIRCUIT BREAKERS

GW10463



AUTOMATIC MINIATURE CIRCUIT BREAKERS - 230V AC

Code	Description	Nominal current (A)	Breaking capacity	No. Chorus modules	Pack Carton
GW 10 461	Unipolar (1P)	6	3 kA	1	1/12
GW 10 462	Unipolar (1P)	10	3 kA	1	1/12
GW 10 463	Unipolar (1P)	16	3 kA	1	1/12
GW 10 466	Bipolar (1P+N)	6	3 kA	1	1/12
GW 10 467	Bipolar (1P+N)	10	3 kA	1	1/12
GW 10 468	Bipolar (1P+N)	16	3 kA	1	1/12

CHARACTERISTICS: miniature circuit breakers C bend.

APPLICATIONS: installation together with the miniature circuit breakers used, in the house enclosure, to distinguish the different lines while respecting the selectivity.

GW10488



RESIDUAL MINIATURE CIRCUIT BREAKERS - 230V AC

Code	Description	Nominal current (A)	Breaking capacity	I _{dn}	No. Chorus modules	Pack Carton
GW 10 482	Bipolar (1P+N)	6	3 kA	10 mA	2	1/6
GW 10 483	Bipolar (1P+N)	6	3 kA	30 mA	2	1/6
GW 10 485	Bipolar (1P+N)	10	3 kA	10 mA	2	1/6
GW 10 486	Bipolar (1P+N)	10	3 kA	30 mA	2	1/6
GW 10 488	Bipolar (1P+N)	16	3 kA	10 mA	2	1/6
GW 10 489	Bipolar (1P+N)	16	3 kA	30 mA	2	1/6

CHARACTERISTICS: miniature circuit breakers C bend, A-type residual current devices.

APPLICATIONS: installation together with the miniature circuit breakers and residual miniature circuit breakers used, in the house enclosure, to distinguish the different lines while respecting the selectivity.

PROTECTION DEVICES

GW10491



FUSE HOLDER - 250V AC

Code	Max nominal current (A)	Fuses	No. Chorus modules	Pack Carton
GW 10 491	16	Ø 6,3x32mm	1	1/12

CHARACTERISTICS: fuse not included.

GW10492



OVERVOLTAGE LIMITER - 230V AC

Code	U _c	U _p	No. Chorus modules	Pack Carton
GW 10 492	275V ac 50/60Hz	1KV	1	1/12

CHARACTERISTICS: green LED for status signalling.

APPLICATIONS: protection of electronic devices (TV, HI-FI, computer, etc.) from overvoltage (resulting from atmospheric conditions or manoeuvres) that could be channelled from the power supply lines.

SIGNALLING - WHITE VERSION

INDICATOR LIGHT DEVICES

GW10642



SINGLE INDICATOR LAMPS - 1/2 MODULE

Code	Diffuser colour	Colour meaning	Signalling unit	No. Chorus modules	Pack Carton
GW 10 641	Opal	Neutral	With wired lead	1/2	2/48
GW 10 642	Green	Safety	With wired lead	1/2	2/48
GW 10 643	Red	Danger	With wired lead	1/2	2/48
GW 10 644	Amber	Attention	With wired lead	1/2	2/48

CHARACTERISTICS: signalling unit not included.

APPLICATIONS: the importance of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.

GW10622



SINGLE INDICATOR LAMPS - 1 MODULE

Code	Diffuser colour	Colour meaning	Signalling unit	No. Chorus modules	Pack Carton
GW 10 621	Opal	Neutral	With wired lead	1	1/24
GW 10 622	Green	Safety	With wired lead	1	1/24
GW 10 623	Red	Danger	With wired lead	1	1/24
GW 10 624	Amber	Attention	With wired lead	1	1/24

CHARACTERISTICS: signalling unit not included.

APPLICATIONS: the importance of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.

GW10629



DOUBLE INDICATOR LAMPS - 1 MODULE

Code	Diffuser colour	Signalling unit	No. Chorus modules	Pack Carton
GW 10 628	Opal	With wired lead	1	1/24
GW 10 629	Red/green	With wired lead	1	1/24

CHARACTERISTICS: signalling unit not included.

APPLICATIONS: the importance of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.

GW10633



PROTRUDING INDICATOR LAMPS

Code	Power supply voltage	Diffuser colour	Lamp	No. Chorus modules	Pack Carton
GW 10 631	12V ac/dc - 230V ac 50/60 Hz	Opal	Led	2	1/24
GW 10 632	12V ac/dc - 230V ac 50/60 Hz	Green	Led	2	1/24
GW 10 633	12V ac/dc - 230V ac 50/60 Hz	Red	Led	2	1/24
GW 10 634	12V ac/dc - 230V ac 50/60 Hz	Amber	Led	2	1/24

CHARACTERISTICS: highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

APPLICATIONS: suitable for special applications such as the signalling of calls from hospital wards.

NOTE: complete with lamp.

GW10656



STAIR RISER LAMP

Code	Power supply voltage	Diffuser colour	Lamp	No. Chorus modules	Pack Carton
GW 10 651	12V ac/dc - 230V ac 50/60 Hz	Opal	Led	2	1/24
GW 10 656	12V ac/dc - 230V ac 50/60 Hz	Opal	Led	4	1/2

CHARACTERISTICS: highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

ANTI BLACK-OUT AND EMERGENCY LAMPS

GW10661



EXTRACTABLE ANTI BLACK-OUT LAMP

Code	Power supply voltage	Power supply batteries	Minimum autonomy	Lamp	Pack Carton
GW 10 661	230V ac - 50/60 Hz	Ni - Mh	2 h	Led	1/6

CHARACTERISTICS: equipped with a 3-position selector on the front panel, for emergency, inhibition and night functioning. To be inserted in any socket-outlet of the Italian, German or French type. Highly efficient, white LED lamp.

GW10662



ANTI BLACK-OUT LAMP

Code	Power supply voltage	Power supply batteries	Minimum autonomy	Lamp	No. Chorus modules	Pack Carton
GW 10 662	230V ac - 50/60 Hz	Ni - Mh	1 h	Led	1	1/12

CHARACTERISTICS: green LED to indicate mains presence. Highly efficient, white LED lamp.

GW10666



AUTONOMOUS EMERGENCY LAMP

Code	Power supply voltage	Power supply batteries	Minimum autonomy	Lamp	No. Chorus modules	Pack Carton
GW 10 666	230V ac - 50/60 Hz	Ni - Mh	1 h	Led	4	1/2

CHARACTERISTICS: green LED to indicate mains presence. Highly efficient, white LED lamp.

ACOUSTIC SIGNALLING DEVICES

GW10601



RINGERS

Code	Power supply voltage	Max power consumption	Sound intensity	No. Chorus modules	Pack Carton
GW 10 601	12V ac - 50 Hz	8 VA	80 dB (at 1 m)	1	1/24
GW 10 602	230V ac - 50 Hz	8 VA	80 dB (at 1 m)	1	1/24

GW10606



BUZZERS

Code	Power supply voltage	Max power consumption	Sound intensity	No. Chorus modules	Pack Carton
GW 10 606	12V ac - 50 Hz	8 VA	70 dB (at 1 m)	1	1/24
GW 10 607	230V ac - 50 Hz	8 VA	70 dB (at 1 m)	1	1/24

GW10611



RINGERS - THREE INDEPENDENT INPUTS

Code	Power supply voltage	Max power consumption	Sound intensity	No. Chorus modules	Pack Carton
GW 10 611	12V ac/dc	6 VA	80 dB (at 1 m)	2	1/6
GW 10 612	230V ac - 50 Hz	6 VA	80 dB (at 1 m)	2	1/6

CHARACTERISTICS: adjustable sound intensity.

APPLICATIONS: with a single device, it is possible to combine the functions of external and internal calls, and alarm.

ENERGY, TEMPERATURE AND COMFORT MANAGEMENT - WHITE VERSION

CLOCK, ALARM, THERMOMETER

GW10708



CLOCK - ALARM - THERMOMETER

Code	Power supply voltage	Max. no daily alarms	Sound intensity	Measurement temperature	No. Chorus modules	Pack Carton
GW 10 708	230V ac - 50/60 Hz	2	72 dB (at 1 m)	From 0°C to +45°C	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.

TIMER DEVICES

GW10581



ELECTRONIC DAILY/WEEKLY TIMER, 1-CHANNEL

Code	Power supply voltage	Output contacts	No. Chorus modules	Pack Carton
GW 10 581	230V ac - 50/60 Hz	1NO/NC 8A(AC1)/4A(AC15)250V ac	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout. Serial input for connecting the GW90821 GSM remote control.

GW10582



TIMERS

Code	Power supply voltage	Type	Output contacts	No. Chorus modules	Pack Carton
GW 10 582	230V ac - 50/60 Hz	Relay	1NO 16A(AC1)/4A(AC15)250V ac	2	1/2
GW 10 583	230V ac - 50/60 Hz	Electronic	1NO 2A(AC1) 250V ac	1	1/2

CHARACTERISTICS: possibility to command by means of remote control push-buttons, with NO contact.

NOTE: GW10583 not suitable for directly commanding fluorescent lamps.

GW10582 suitable to fluorescent lamps control (max. 4A).

TEMPERATURE CONTROL DEVICES

GW10703



TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING

Code	Power supply voltage	Temperature adjustment	Output contacts	No. Chorus modules	Pack Carton
GW 10 703	230V ac - 50/60 Hz	From +5°C to +40°C	1NO/NC 5A(AC1)/2A(AC15)250V ac	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.

Serial input for connection of GSM repeater GW90821.

GW10701



WALL-MOUNTING TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING - BATTERY - POWERED

Code	Temperature adjustment	Colour	Output contacts	Dimensions LxHxD (mm)	Pack Carton
GW 10 701	From +5°C to +40°C	White	1NO/NC 5A(AC1)/2A(AC15)250V ac	130x92x23 mm	1/2
GW 14 701	From +5°C to +40°C	Titanium	1NO/NC 5A(AC1)/2A(AC15)250V ac	130x92x23 mm	1/2

CHARACTERISTICS: powered with 3 alkaline 1.5V batteries (AAA), not included. Average battery duration: 1 year.

Automatic energy saving and comfort function; serial input for connection of GSM repeater GW90821.

Kit for wall-mounting, containing: two strips of double-sided adhesive tape, two ø 6mm wall plugs with screws.

GW10705



THERMOSTAT

Code	Power supply voltage	Temperature adjustment	Output contacts	No. Chorus modules	Pack Carton
GW 10 705	230V ac - 50/60 Hz	From +5°C to +35°C	1NO/NC 8A(AC1) 250V ac	2	1/2

CHARACTERISTICS: choice of working mode by means of selector located on the front: summer (air-conditioner), OFF, winter (boiler).

Two-colour front LED to signal the output status (open/closed contact). The lighting up of the LED also indicates the presence of the network.

DIMMER

GW10561



ELECTRONIC, ROTATING COMMAND REGULATORS FOR RESISTIVE/INDUCTIVE LOADS

Code	Power supply voltage	Resistive load 230V ac	Inductive load 230V ac	Command	No. Chorus modules	Pack Carton
GW 10 561	230V ac - 50/60 Hz	100 - 500 W		Rotative	1	1/12
GW 10 564	230V ac - 50/60 Hz	100 - 900 W	40 - 300 VA	Rotative	1	1/12
GW 10 567	230V ac - 50/60 Hz	100 - 500 W	100 - 500 VA	Rotative with two-way switch	1	1/12

CHARACTERISTICS: GW10564 item intended exclusively for exportation to countries outside the European Union.

NOTE: to avoid overheating, you are advised not to install many products side-by-side in a single enclosure;

insert a blanking module between two electronic devices.

GW10568



ELECTRONIC, BUTTON COMMAND REGULATOR FOR RESISTIVE/INDUCTIVE LOADS

Code	Power supply voltage	Resistive load 230V ac	Inductive load 230V ac	Command	No. Chorus modules	Pack Carton
GW 10 568	230V ac - 50 Hz	60 - 500 W	60 - 500 VA	Push-button	1	1/12

CHARACTERISTICS: possibility to command and regulate from remote control push-buttons with NO contact.

NOTES: to avoid overheating, the side-by-side installation of several products in a single container is not recommended; insert a blanking module between two electronic devices.

GW10571



ELECTRONIC, BUTTON COMMAND REGULATOR FOR ELECTRONIC TRANSFORMERS

Code	Power supply voltage	Resistive load 230V ac	Inductive load 230V ac	Command	No. Chorus modules	Pack Carton
GW 10 571	230V ac - 50/60 Hz	40 - 300 W	40 - 300 VA	Push-button	1	1/12

CHARACTERISTICS: possibility to command and regulate by means of remote control push-buttons, with NO contact. Extremely silent item.

NOTE: to avoid overheating, you are advised not to install many products side-by-side in a single enclosure; insert a blanking module between two electronic devices.

GW10574



ELECTRONIC, BUTTON COMMAND REGULATOR FOR AIR AGITATORS

Code	Power supply voltage	Load 230V ac	Command	No. Chorus modules	Pack Carton
GW 10 574	230V ac - 50 Hz	55-80 VA	Push-button	1	1/12

CHARACTERISTICS: possibility to command and regulate at fixed steps, also by means of remote control push-buttons, with NO contact.

APPLICATIONS: suitable for regulating air agitators, fans and extractors with induction motors.

NOTE: to avoid overheating, you are advised not to install many products side-by-side in a single enclosure; insert a blanking module between two electronic devices.

SOFT-TOUCH COMMANDS

GW10901



SOFT-TOUCH ONE-WAY SWITCH

Code	Power supply voltage	Resistive load	Inductive load	No. Chorus modules	Pack Carton
GW 10 901	230V ac - 50 Hz	20 - 500 W	20 - 500 VA	1	1/12

CHARACTERISTICS: possibility to command also from remote push-buttons and from the touch sensitive repeaters GW10903, GW12903, GW14903.

NOTES: suitable for incandescent lamps, toroidal / lamellar / electronic transformers, fluorescent lamps (max. 100W).

The device must be protected by a fuse of high breaking capacity, positioned on the power supply line.

GW10902



SOFT-TOUCH DIMMER

Code	Power supply voltage	Resistive load	Inductive load	No. Chorus modules	Pack Carton
GW 10 902	230V ac - 50 Hz	40 - 500 W	40 - 300 VA	1	1/12

CHARACTERISTICS: possibility to command and adjust also from remote push-buttons and from the touch sensitive repeaters GW10903, GW12903, GW14903.

NOTES: suitable for incandescent and halogen lamps, toroidal and lamellar transformers.

The device must be protected by a fuse of high breaking capacity, positioned on the power supply line.

GW10903



SOFT-TOUCH REPEATER

Code	Power supply voltage	No. Chorus modules	Pack Carton
GW 10 903	230V ac - 50 Hz	1	1/12

CHARACTERISTICS: the repeater acts as a NO push-button. The device works exclusively in combination with the touch-operated one-way switches GW10901, GW12901, GW14901 and with the touch-operated dimmers GW10902, GW12902, GW14902.

ELECTRONIC PUSH-BUTTONS

GW10912



ELECTRONIC PUSH-BUTTON

Code	Power supply voltage	Type of use	No. Chorus modules	Pack Carton
GW 10 912	230V ac - 50/60 Hz	Relay, dimmer	1	1/12

CHARACTERISTICS: push-button for controlling bistable relays, electronic one-way switches for heavy duty loads, or dimmers with a remote control input.

Equipped with amber localisation LED. Contact capacity 4A (AC1).

GW10913



ELECTRONIC PUSH-BUTTON FOR BUS INPUTS

Code	Type of contact	Type of use	No. Chorus modules	Pack Carton
GW 10 913	Potential-free	BUS contacts interfaces	1	1/12

CHARACTERISTICS: allocated push-button for BUS inputs, for KNX BUS contact interface connections (e.g. GW90721, GW90834, etc.).

Equipped with amber/green 2-colour LED with colour selector (can be programmed to work as a night-time localisation lamp or to indicate the load status).

GW10914



DOUBLE ELECTRONIC PUSH-BUTTON

Code	Type of contact	No. Chorus modules	Pack Carton
GW 10 914	Dual, potential-free and with interlock	1	1/12

CHARACTERISTICS: double push-button suitable for connecting KNX BUS contact interfaces (ex: GW90721, GW90834, etc.) or electronic control panels for moving roller shutters.

TECHNICAL ALARMS - WHITE VERSION

GAS DETECTORS

GW10711



LPG DETECTOR

Code	Power supply voltage	Alarm threshold	Output contacts	No. Chorus modules	Pack Carton
GW 10 711	12V ac/dc	9% LIE	1NO/NC 10A(NO)/3A(NC)250V ac	2	1/2

CHARACTERISTICS: relay output for the automatic command of the gas interception solenoid valve with manual reset GW30522. Sound intensity: 85 dB at 1m.

NOTES: owing to the particular thermal sensitivity of the LPG sensor, you are advised to keep the LPG detector far from the power supply GW10719 with a 1-module blanking module GW10195.

GW10712



METHANE GAS DETECTOR

Code	Power supply voltage	Alarm threshold	Output contacts	No. Chorus modules	Pack Carton
GW 10 712	12V ac/dc	9% LIE	1NO/NC 10A(NO)/3A(NC)250V ac	2	1/2

CHARACTERISTICS: relay output for the automatic command of the gas interception solenoid valve (manual reset) GW30522. Sound intensity: 85 dB at 1m.

ANTI-FLOOD SYSTEM WITH WIRELESS TRANSMISSION

GW10716



WATER DETECTOR

Code	Power supply voltage	Output contacts	No. Chorus modules	Pack Carton
GW 10 716	12V ac/dc	1NO/NC5A(AC1)/3A(AC15)250Vac	2	1/2

CHARACTERISTICS: sound intensity: 70 dB at 1m.

NOTE: to be used exclusively with the water sensor GW12718. A maximum of 5 water sensors can be connected to each detector.

GW12718



WATER SENSOR

Code	Power supply voltage	Range in free field	Dimension LxHxD(mm)	Pack Carton
GW 12 718	9V battery	50 m	74x88x45,5	1/2

NOTE: to be used exclusively with the water detector GW10716. The connection with the water detector is wireless.

Equipped with wall plugs, screws and double-sided adhesive tape for wall-mounting.

ACCESSORY

GW10719



POWER SUPPLY UNIT

Code	Primary voltage	Secondary output	Rated power suppliable	No. Chorus modules	Pack Carton
GW 10 719	230V ac - 50/60 Hz	12V dc	2 VA	1	1/4

APPLICATIONS: to be used for powering the detectors GW10711, GW10712, GW10716.

REMOTE CONTROLS

REMOTE CONTROLS

GW90821



GSM REMOTE CONTROL WITH I/O AND SERIAL LINE - DIN RAIL MOUNTING

Code	Power supply voltage	No. inputs	No. outputs	Output contacts	No. DIN modules	Pack Carton
GW 90 821	230V ac - 50/60 Hz	2	2	2 NO 10A(AC1) 250V ac	6	1

CHARACTERISTICS: via the GSM network (for example from a mobile phone) using text messages, the device allows you to command general loads, by means of the two output contacts. It is also possible to transmit status information deriving from devices connected to the repeater by means of the two input contacts (via text messages or to a specified telephone number).

The module has a serial connection line towards programmers, flush-mounting and wall mounting timed thermostats (relay and single-direction wireless), which allows it to be managed from a distance, via text messages. Using a computer (USB gate), it is possible to set the outgoing messages and the telephone numbers to be used for calls.

NOTES: the module is fitted with a GSM antenna, and has the possibility of an optional backup power supply using batteries (3 x AAA rechargeable), not included. The configuration software can be downloaded from the page relating to the product on the website www.gewiss.com.

GW90822



GSM REMOTE CONTROL INTERFACE - RF COMMAND AND CONTROL - DIN RAIL MOUNTING

Code	RF range in free field	No. RF transm. channels	No. RF reception channels	No. two-way channels	No. DIN modules	Pack Carton
GW 90 822	100 m	5	2	1	1	1

CHARACTERISTICS: the information channels can be used to communicate with RF actuators GW10821, GW10822, GW10823.

The reception channels can be used for communication from: 2-channel input module GW10813, RF push-button panels (1-4 channels), IR sensor GW10811 and remote control GW20963. The two-way channel can only be used with the RF two-way timed thermostats GW10851, GW14851.

NOTE: item to be used only with the repeater GW90821, from which it receives the power supply via the row connection (flat-cable).

GW90823



GSM REMOTE CONTROL INTERFACE - RF BURGLAR ALARM DEVICE - DIN RAIL MOUNTING

Code	RF range in free field	No. DIN modules	Pack Carton
GW 90 823	100 m	3	1

CHARACTERISTICS: the module has the possibility of a backup power supply using a rechargeable 9V battery (included). The product allows the interfacing with the RF burglar alarm system, with command functions (activation, deactivation, slicing) and system status signalling functions (insertion status, anomalies, alarms, tampering) via text messages.

NOTE: item to be used only with the repeater GW90821, from which it receives the power supply via the row connection (flat-cable).

ACCESSORIES

SIGNALLING UNIT

GW10881



MINIATURE LAMPS WITH WIRED LEAD AND LED LAMP

Code	Lamp voltage	Lamp	Colour	Lamp power	Cable Colour	Pack Carton
GW 10 881	230V ac - 50/60 Hz	Led	Blue	0.6 W	Blue	50
GW 10 882	230V ac - 50/60 Hz	Led	White	0.6 W	White	50
GW 10 883	230V ac - 50/60 Hz	Led	Red	0.6 W	Red	50
GW 10 884	230V ac - 50/60 Hz	Led	Green	0.6 W	Green	50
GW 10 885	230V ac - 50/60 Hz	Led	Amber	0.6 W	Orange	50

NOTE: the miniature lamps with wired lead are equipped with power cables.

GW10894



MINIATURE LAMPS WITH WIRED LEAD AND LED LAMP - 12/24V

Code	Lamp voltage	Lamp	Colour	Lamp power	Cable Colour	Pack Carton
GW 10 894	12-24V ac/dc	Led	White	0.6 W	White	50

NOTE: the miniature lamps with wired lead are equipped with power cables.

GW20902



CARTRIDGE LAMPS

Code	Lamp voltage	Lamp	Colour	Lamp power	Dimensions (mm)	Pack Carton
GW 20 902	12V ac/dc	Incandescence	White	2 W	56x36	50
GW 20 903	24V ac/dc	Incandescence	White	2 W	56x36	50

ACCESSORIES


GW30912



SET OF 2 KEYS FOR CHORUS COMMAND DEVICES

Code	Suitable for	Pack Carton
GW 20 901	GW10006 GW10054	1/100
GW 30 912	GW10145	1/100

COMMAND - BLACK

ONE-WAY SWITCHES	 GW 12 001 1M - 1P - 16AX General	 GW 12 002 1M - 1P - 16AX Localisation	 GW 12 003 1M - 1P - 16AX Signalling	 GW 12 021 1/2M - 1P - 10AX General	 GW 12 022 1/2M - 1P - 10AX Localisation	 GW 12 031 2M - 1P - 16AX General	 GW 12 032 2M - 1P - 16AX Localisation	 GW 12 033 2M - 1P - 16AX Signalling	 GW 12 041 3M - 1P - 16AX General						
	 GW 12 042 3M - 1P - 16AX Localisation	 GW 12 043 3M - 1P - 16AX Signalling	 GW 12 004 1M - 2P - 16AX General	 GW 12 005 1M - 2P - 16AX Signalling	 GW 12 006 1M - 2P - 10AX With key	 GW 12 007 1M - 2P - 25AX Heavy-duty	 GW 12 034 2M - 2P - 16AX General	 GW 12 035 2M - 2P - 16AX Signalling							
TWO-WAY SWITCHES	 GW 12 051 1M - 1P - 16AX General	 GW 12 052 1M - 1P - 16AX Localisation	 GW 12 053 1M - 1P - 16AX Signalling	 GW 12 054 1M - 1P - 10AX With key	 GW 12 061 1/2M - 1P - 10AX General	 GW 12 091 1M - 1P - 16AX General	 GW 12 092 1M - 1P - 16AX Localisation	 GW 12 093 1M - 1P - 16AX Signalling	 GW 12 101 2M - 1P - 16AX General						
	 GW 12 071 2M - 1P - 16AX General	 GW 12 072 2M - 1P - 16AX Localisation	 GW 12 073 2M - 1P - 16AX Signalling	 GW 12 081 3M - 1P - 16AX General	 GW 12 102 2M - 1P - 16AX Localisation	 GW 12 103 2M - 1P - 16AX Signalling	 GW 12 111 3M - 1P - 16AX General	 GW 12 112 3M - 1P - 16AX Localisation	 GW 12 113 3M - 1P - 16AX Signalling						
PUSH-BUTTONS	 GW 12 131 1M - 1P - NO - 16A General	 GW 12 132 1M - 1P - NO - 16A Localisation	 GW 12 133 1M - 1P - NO - 16A Signalling	 GW 12 136 1M - 1P - NO - 16A With pull-cord	 GW 12 137 1M - 1P - NC - 16A General	 GW 12 138 1M - 1P - NC+NO - 16A Stop	 GW 12 139 1M - 1P - NO+NC - 16A Start	 GW 12 140 1M - 1P - NO+NO - 10A With interlock	 GW 12 141 1M - 1P - NO+NO - 16A Double	 GW 12 142 1M - 1P - NO - 16A Green diffuser	 GW 12 143 1M - 1P - NO - 16A Red diffuser	 GW 12 144 1M - 1P - NO - 16A Opal diffuser			
	 GW 12 151 1M - 1P - NO - 16A Light	 GW 12 152 1M - 1P - NO - 16A Key	 GW 12 153 1M - 1P - NO - 16A Bell	 GW 12 161 1/2M - 1P - NO - 10A General	 GW 12 162 1/2M - 1P - NO - 10A Localisation	 GW 12 171 2M - 1P - NO - 16A General	 GW 12 172 2M - 1P - NO - 16A Localisation	 GW 12 173 2M - 1P - NO - 16A Signalling	 GW 12 181 3M - 1P - NO - 16A General	 GW 12 182 3M - 1P - NO - 16A Localisation	 GW 12 183 3M - 1P - NO - 16A Signalling	 GW 12 134 1M - 2P - NO - 16A General	 GW 12 135 1M - 2P - NO - 16A Signalling	 GW 12 145 1M - 2P - NO - 10A With key	 GW 12 191 2M - 1P - NO - 10A With illuminated name plate

QUICK WIRING ONE-WAY SWITCHES													
	GW 12 031 F 2M - 1P - 16AX General	GW 12 032 F 2M - 1P - 16AX Localisation	GW 12 033 F 2M - 1P - 16AX Signalling	GW 12 034 F 2M - 2P - 16AX General	GW 12 035 F 2M - 2P - 16AX Signalling								
	QUICK WIRING TWO-WAY SWITCHES				QUICK WIRING REVERSING SWITCHES								
		GW 12 071 F 2M - 1P - 16AX General	GW 12 072 F 2M - 1P - 16AX Localisation	GW 12 073 F 2M - 1P - 16AX Signalling		GW 12 101 F 2M - 1P - 16AX General	GW 12 102 F 2M - 1P - 16AX Localisation	GW 12 103 F 2M - 1P - 16AX Signalling					
		QUICK WIRING PUSH-BUTTONS					COMBINED DEVICES						
	GW 12 171 F 2M - 1P - 16A General		GW 12 172 F 2M - 1P - 16A Localisation	GW 12 173 F 2M - 1P - 16A Signalling	GW 12 078 F Double two-way switch 1P - 16AX	GW 12 159 F Push-button 1P - NO - 16A + Two-way switch 1P - NO - 16AX		GW 12 160 Double push-button 1P - NO - 16A					
LENSES WITH ILLUMINATED SYMBOLS													
	GW 10 501 Transparent symbol	GW 10 502 Light symbol	GW 10 503 Stair light symbol	GW 10 504 Bench light symbol	GW 10 505 Signalling device symbol	GW 10 506 Fan symbol	GW 10 507 Key symbol	GW 10 511 Nurse symbol	GW 10 512 Chambermaid Symbol				
	GW 10 508 Alarm symbol	GW 10 509 ON symbol	GW 10 510 OFF symbol	GW 10 513 Dimmer increase symbol.	GW 10 514 Dimmer decrease symbol	GW 10 515 Arrow up symbol	GW 10 516 Arrow down symbol	GW 10 517 Arrow up-down symbol	GW 10 518 Arrow rh-lh symbol				
	GW 10 531 Number One symbol	GW 10 532 Number Two symbol	GW 10 533 Number Three symbol	GW 10 534 Number Four symbol	GW 10 535 Number Five symbol	GW 10 536 Number Six symbol	GW 10 537 Number Seven symbol	GW 10 538 Number Eight symbol	GW 10 539 Number Nine symbol	GW 10 540 Number Zero symbol			
	INTERCHANGEABLE BUTTON KEYS												
		GW 12 541 General interchangeable button key	GW 12 542 Interchangeable button key with label	GW 12 543 Key interchangeable button key	GW 12 544 Signalling device interchangeable button key	GW 12 545 Vert. arrow interchangeable button key	GW 12 546 Horiz. arrow interchangeable button key	GW 10 547 Red interchangeable gem	GW 10 548 Green interchangeable gem	GW 10 549 Opal interchangeable gem	GW 10 550 Amber interchangeable gem		
		BLANKING MODULES AND OUTPUT							HOTEL COMPONENTS		ELECTRONIC ONE-WAY SWITCHES		
			GW 12 195 1M	GW 12 196 1M Cable output	GW 12 197 1/2M	GW 12 198 2M	GW 12 194 2M Cable output	GW 12 199 3M		GW 12 039 Universal badge switch 1P - NO - 16AX		GW 12 725 For heavy duty loads 1P - 1NO 230V ac	
IR							RELAYS						
			GW 12 591 Infrared movement detector 1NO-3A	GW 12 592 Infrared movement detector 1NO-16A	GW 12 597 1-channel receiver 230V ac - 50/60Hz	GW 12 596 Portable 6-channel remote control		GW 12 721 Step-step 1P - 10AX - 230V ac		GW 12 723 4 sequences 2P - 10AX - 230V ac		GW 12 724 Monostable 1P - 1NO/NC	GW 12 726 Call 1P - 1NO/NC 12V ac/dc



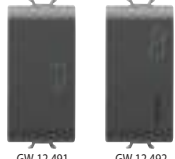
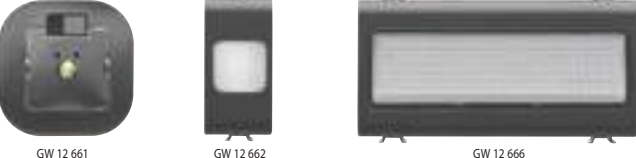

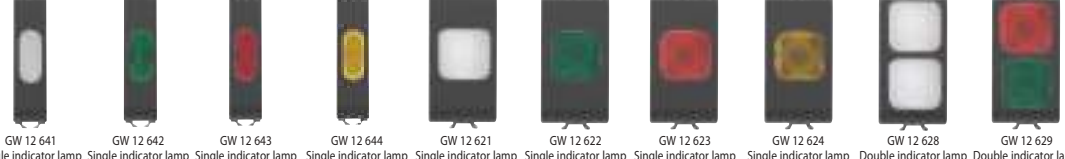


POWER TAKE-OFF - BLACK

ITALIAN											
	GW 12 201 2P+E 10A 250V ac	GW 12 203 2P+E 16A 250V ac Dual amperage	GW 10 213 2P+E 16A 250V ac Dual amperage	GW 10 223 2P+E 16A 250V ac Dual amperage	GW 10 233 2P+E 16A 250V ac Dual amperage	GW 12 208 Quick wiring 2x2P+E 16A- 250V ac Dual amperage	GW 12 209 Quick wiring 3x2P+E 16A- 250V ac Dual amperage				
	ITALIAN/GERMAN										
		GW 12 204 2P+E 16A 250V ac Dual amperage	GW 12 205 2P+E 16A 250V ac	GW 10 214 2P+E 16A 250V ac Dual amperage	GW 10 224 2P+E 16A 250V ac Dual amperage	GW 10 234 2P+E 16A 250V ac Dual amperage					
		GERMAN									
			GW 12 241 2P+E 16A 250V ac	GW 10 251 2P+E 16A 250V ac	GW 12 341 2P+E 16A - 250V ac Front tightening terminals	GW 10 351 2P+E 16A - 250V ac Front tightening terminals	GW 12 241F 2P+E 16A - 250V ac Quick wiring	GW 10 251F 2P+E 16A - 250V ac Quick wiring			
			FRENCH								
GW 12 246 2P 16A 250V ac	GW 12 247 2P+E 16A 250V ac			GW 12 248 2P+E 16A - 250V ac Front tightening terminals	GW 10 258 2P+E 16A - 250V ac Front tightening terminals	GW 12 247F 2P+E 16A - 250V ac Quick wiring	GW 10 257F 2P+E 16A - 250V ac Quick wiring	GW 10 260 Accessory for French socket allocated lines			
ISRAELI					USA		INDIAN/SOUTH AFRICAN		EURO-AMERICAN		
	GW 12 281 2P+E 16A 250V ac			GW 10 291 2P+E 16A 250V ac		GW 12 286 2P+E 15A 250/125V ac		GW 12 298 2P+E 16A 250V ac		GW 12 287 2P 15A 250/125V ac	GW 12 288 2P+E 15A 250/125V ac
BRITISH				ARGENTINIAN				AUSTRALIAN			
	GW 12 296 2P+E 13A 250V ac	GW 12 297 2P+E 15A 250V ac			GW 12 301 2P+E 10A		GW 12 302 2P+E 15A		GW 12 306 2P+E 10A 250V ac	GW 12 307 2P+E 15A 250V ac	
INTERLOCKED SOCKET-OUTLETS											
	GW 12 311 2P+E 16A 230V ac	GW 12 312 2P+E 16A 230V ac	GW 12 321 2P+E 16A 230V ac	GW 12 322 2P+E 16A 230V ac							
	SHAVER SOCKET-OUTLET										
		GW 12 331 Shaver socket-outlet 230V ac - 50/60 Hz									

SIGNAL TAKE-OFF - BLACK

TV-SAT		Male IEC type GW 12 361 0db GW 12 362 5db GW 12 363 10db GW 12 364 14db GW 12 365 18db GW 12 366 22db GW 20 277 - terminal resistance 75ohm		Female F type GW 12 371 0db GW 12 372 5db GW 12 373 10db GW 12 374 14db GW 12 375 18db GW 12 376 22db GW 20 277 - terminal resistance 75ohm	TV-FM-SAT		GW 12 381 TV - FM 0dB		GW 12 382 TV-FM-SAT 0dB		GW 12 383 TV-SAT 0dB		GW 12 386 Support for combined TV-R socket-outlets		GW 12 387 Support for combined TV-R-SAT socket-outlets			
	TELEPHONE JACKS		GW 12 401 RJ11			GW 12 402 RJ11 IN/OUT		GW 12 403 RJ11 Double		GW 12 404 RJ12		GW 12 405 French 8 contacts		GW 12 406 Israeli 6 contacts		GW 12 410 RJ 11 Double with ADSL filter		
CONNECTORS FOR STRUCTURED WIRING			GW 12 421 RJ45 5e UTP		GW 12 422 RJ45 5e FTP		GW 12 423 RJ45 6 UTP		GW 12 424 RJ45 6 FTP		GW 12 425 O.F. ST bush		GW 12 426 O.F. SC bush		GW 12 427 O.F. MT - RJ bush		GW 12 431 Connector case RJ45	
		CONNECTORS FOR CONVENTIONAL NETWORKS		GW 12 441 SUB - D 9 contacts		GW 12 442 SUB - D 15 Contacts		GW 12 443 SUB - D 25 Contacts		GW 12 445 BNC 50/75/93 Ohm cable RG58/59/62		GW 12 457 USB A-type bush						
			SELV SOCKETS		GW 12 451 2P - 6A 24V		GW 12 452 2P - 6A 24V Polarisid	AUDIO AND VIDEO CONNECTORS		GW 12 453 Double RCA		GW 12 454 Phonic circuits		GW 12 446 Female F coupling connector		GW 12 456 HDMI bush		GW 12 458 Speaker connector

PROTECTION AND SIGNALLING - BLACK

AUTOMATIC CIRCUIT BREAKERS	 <p>GW 12 461 - 6A 230V ac GW 12 462 - 10A 230V ac GW 12 463 - 16A 230V ac 1P</p> <p>GW 12 466 - 6A 230V ac GW 12 467 - 10A 230V ac GW 12 468 - 16A 230V ac 1P+N</p> <p>Miniature circuit breakers Breaking capacity 3kA C characteristic</p>	 <p>GW 12 482 - 6A 230V ac GW 12 485 - 10A 230V ac GW 12 488 - 16A 230V ac 1P+N I_{dn}=10mA</p> <p>GW 12 483 - 6A 230V ac GW 12 486 - 10A 230V ac GW 12 489 - 16A 230V ac 1P+N I_{dn}=30mA</p> <p>Residual current circuit breakers with overcurrent protection Breaking capacity 3kA C characteristic - Class A</p>	PROTECTION DEVICES  <p>GW 12 491 Fuse-holder In MAX = 16A</p> <p>GW 12 492 Overvoltage limiter</p>
ANTI-BLACKOUT LAMPS	 <p>GW 12 661 Extractable 230V ac - 50/60Hz</p> <p>GW 12 662 Anti-blackout lamp 1M 230V ac - 50/60Hz</p> <p>GW 12 666 Autonomous emergency lamp 230V ac - 50/60Hz</p>		
BELLS AND BUZZERS	 <p>GW 12 601 Bell 12V ac - 50Hz</p> <p>GW 12 602 Bell 230V ac - 50Hz</p> <p>GW 12 606 Buzzer 12V ac - 50Hz</p> <p>GW 12 607 Buzzer 230V ac - 50Hz</p> <p>GW 12 611 Ringer with three independent inputs 12V ac/dc</p> <p>GW 12 612 Ringer with three independent inputs 230V ac - 50Hz</p>		
INDICATOR LAMPS	 <p>GW 12 641 Single indicator lamp 1/2M Opal</p> <p>GW 12 642 Single indicator lamp 1/2M Green</p> <p>GW 12 643 Single indicator lamp 1/2M Red</p> <p>GW 12 644 Single indicator lamp 1/2 module Amber</p> <p>GW 12 621 Single indicator lamp 1M Opal</p> <p>GW 12 622 Single indicator lamp 1M Green</p> <p>GW 12 623 Single indicator lamp 1M Red</p> <p>GW 12 624 Single indicator lamp 1M Amber</p> <p>GW 12 628 Double indicator lamp 1M Opal</p> <p>GW 12 629 Double indicator lamp 1M Red/Green</p>		
PROTRUDING INDICATOR LAMPS	 <p>GW 12 631 2M Opal 12V ac/dc - 230V ac</p> <p>GW 12 632 2M Green 12V ac/dc - 230V ac</p> <p>GW 12 633 2M Red 12V ac/dc - 230V ac</p> <p>GW 12 634 2M Amber 12V ac/dc - 230V ac</p>		
STAIR RISER LAMPS	 <p>GW 12 651 2M Opal</p> <p>GW 12 656 4M Opal</p>		

ENERGY, COMFORT AND CLIMATE MANAGEMENT - TECHNICAL ALARMS - REMOTE CONTROL - BLACK

CLOCK / ALARM / THERMOMETER		GW 12 708 Clock / alarm / thermometer Max. 2 alarms daily 230V ac - 50/60 Hz	TIMER DEVICES		GW 12 581 Electronic daily/weekly timer 230V ac - 50/60 Hz		GW 12 582 Relay timer		GW 12 583 Electronic timer						
	CLIMATE CONTROL			GW 12 703 Timed thermostat 230V ac - 50/60 Hz		GW 10 701 White wall-mounting timed thermostat GW 14 701 Titanium wall-mounting timed thermostat		GW 12 705 Thermostat 230V ac - 50/60 Hz							
		DIMMERS			GW 12 561 Res.100-500W 230V ac - 50/60Hz		GW 12 564 ▲ Res.100-900W Ind.40-300VA 230V ac - 50/60Hz		GW 12 567 Res.100-500W With two-way switch 230V ac - 50/60Hz		GW 12 568 Res.60-500W Ind.60-500VA 230V ac - 50Hz		GW 12 571 For electronic transformers 230V ac - 50/60Hz		GW 12 574 For air agitators 55-80VA 230V ac - 50Hz
				SOFT-TOUCH		GW 12 901 Soft-touch one-way switch 1M 230V ac - 50Hz		GW 12 902 Soft-touch dimmer 1M 230V ac - 50Hz		GW 12 903 Soft-touch repeater 1M 230V ac - 50Hz	ELECTRONIC PUSH-BUTTONS		GW 12 912 Push-button NO 1M - 230V ac		GW 12 913 Push-button for BUS inputs NO - 1M
TECHNICAL ALARMS			GW 12 711 LPG detector - 12V ac/dc			GW 12 712 Methane detector - 12V ac/dc		GW 12 716 Water detector - 12V ac/dc		GW 12 718 RF water sensor			GW 12 719 Power supply 230V ac - 12V dc		
	REMOTE CONTROLS				GW 90 821 GSM remote control with I/O and serial line 230V ac - 50/60Hz 6 DIN modules		GW 90 822 GSM remote control interface - RF command/control 1 DIN module		GW 90 823 GSM remote control interface - RF burglar alarm device 3 DIN modules						
			LED SIGNALLING UNIT		GW 10 881 Blue GW 10 882 White GW 10 883 Red GW 10 884 Green GW 10 885 Amber 230V ac - 50/60 Hz Connection cable 10cm		GW 10 894 White 12/24V ac/dc - 0.6W Connection cable 10cm	INCANDESCENT CARTRIDGE LAMPS		GW 20 902 S6 x 36	12V	White	KEYS		GW 20 901 for GW 10 006 and GW 10 054 GW 30 912 for GW 10 145
					GW 20 903 S6 x 36	24V	White								

▲ = Items designated solely for export to countries outside the European Union.

COMMAND - BLACK VERSION

COMMAND DEVICES - SCREW TERMINALS

GW12001



ONE-WAY SWITCHES 1P - 250V AC

Code	Description	Type	Pack Carton
No. CHORUS MODULES: 1			
GW 12 001	1P - 16AX	General	12/96
GW 12 002	1P - 16 AX illuminable	Locating	12/24
GW 12 003	1P - 16 AX illuminable	Signalling	12/24
No. CHORUS MODULES: 1/2			
GW 12 021	1P - 10AX	General	6/24
GW 12 022	1P - 10AX illuminable	Locating	6/24
No. CHORUS MODULES: 2			
GW 12 031	1P - 16AX	General	6/24
GW 12 032	1P - 16 AX illuminable	Locating	6/24
GW 12 033	1P - 16 AX illuminable	Signalling	6/24
No. CHORUS MODULES: 3			
GW 12 041	1P - 16AX	General	4/12
GW 12 042	1P - 16 AX illuminable	Locating	4/12
GW 12 043	1P - 16 AX illuminable	Signalling	4/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.
The "signalling" articles are equipped with a neutral identification lens.

GW12004



ONE-WAY SWITCHES 2P - 250V AC

Code	Description	Type	Symbol	Pack Carton
No. CHORUS MODULES: 1				
GW 12 004	2P - 16 AX	General	0/1	12/48
GW 12 005	2P - 16 AX illuminable	Signalling		12/24
GW 12 006	2P - 10AX	With key	0/1	1/12
No. CHORUS MODULES: 2				
GW 12 034	2P - 16 AX	General	0/1	6/24
GW 12 035	2P - 16 AX illuminable	Signalling		6/24

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.
The "signalling" articles are equipped with a neutral identification lens.

NOTE: GW12006 equipped with 2 keys. Key extractable in both positions.

GW12007



ONE-WAY SWITCH 2P - 250V AC - HEAVY DUTY

Code	Description	Symbol	Pack Carton
No. CHORUS MODULES: 1			
GW 12 007	2P - 25 AX	0/1	12/24

APPLICATIONS: suitable for special, heavy loads (e.g. fluorescent lamp batteries) or high-consumption fixed users (e.g. ovens, air-conditioners, boilers, etc.).

GW12725



ELECTRONIC RELAY FOR HEAVY DUTY LOADS - 230V AC 50/60HZ

Code	No. poles	Output contacts	Pack Carton
No. CHORUS MODULES: 2			
GW 12 725	1P	1NO 16A(AC1)/10A(AC15) 250V ac	1/2

CHARACTERISTICS: can also be commanded via the frontal push-button.

APPLICATIONS: suitable for particular heavy-duty loads (e.g. fluorescent lamps), discharge lamps (max 10A) or high-consumption devices (ovens, air-conditioners, boilers, etc.).

GW12051



TWO-WAY SWITCHES - 250V AC

Code	Description	Type	Pack Carton
No. CHORUS MODULES: 1			
GW 12 051	1P - 16AX	General	12/96
GW 12 052	1P - 16 AX illuminable	Locating	12/24
GW 12 053	1P - 16 AX illuminable	Signalling	12/24
GW 12 054	1P - 10AX	With key	1/12
No. CHORUS MODULES: 1/2			
GW 12 061	1P - 10AX	General	6/24
No. CHORUS MODULES: 2			
GW 12 071	1P - 16AX	General	6/24
GW 12 072	1P - 16 AX illuminable	Locating	6/24
GW 12 073	1P - 16 AX illuminable	Signalling	6/24
No. CHORUS MODULES: 3			
GW 12 081	1P - 16AX	General	4/12
GW 12 082	1P - 16 AX illuminable	Locating	4/12
GW 12 083	1P - 16 AX illuminable	Signalling	4/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.

The "signalling" articles are equipped with a neutral identification lens.

NOTE: GW12054 equipped with 2 keys. Key extractable in both positions.

GW12091



REVERSING SWITCHES - 250V AC

Code	Description	Type	Pack Carton
No. CHORUS MODULES: 1			
GW 12 091	1P - 16AX	General	12/48
GW 12 092	1P - 16 AX illuminable	Locating	12/24
GW 12 093	1P - 16 AX illuminable	Signalling	12/24
No. CHORUS MODULES: 2			
GW 12 101	1P - 16AX	General	6/12
GW 12 102	1P - 16 AX illuminable	Locating	6/12
GW 12 103	1P - 16 AX illuminable	Signalling	6/12
No. CHORUS MODULES: 3			
GW 12 111	1P - 16AX	General	4/12
GW 12 112	1P - 16 AX illuminable	Locating	4/12
GW 12 113	1P - 16 AX illuminable	Signalling	4/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.

The "signalling" articles are equipped with a neutral identification lens.

GW12121



THREE-WAY SWITCH - 250V AC

Code	Description	Symbol	Pack Carton
No. CHORUS MODULES: 1			
GW 12 121	1P - 10AX	UP - DOWN	12/24

CHARACTERISTICS: three standing positions. Both contacts are open in central position (OFF).

APPLICATIONS: controlling circuits requiring an interlock (e.g. operating of motorised devices with direction reversal).
2-user selective control.

GW12131



PUSH-BUTTONS 1P - 250V AC

Code	Description	Type	Characteristics	Symbol	Pack Carton
No. CHORUS MODULES: 1					
GW 12 131	1P NO - 16A	General			12/96
GW 12 132	1P NO - 16A illuminable	Locating			12/24
GW 12 133	1P NO - 16A illuminable	Signalling			12/24
GW 12 136	1P NO - 16A	Pull-cord			1/12
GW 12 137	1P NC - 16A	General		O red	12/24
GW 12 138	1P NC+NO - 16 A	Stop		Red	12/24
GW 12 139	1P NO+NC - 16 A	Start		Green	12/24
GW 12 140	1P NO+NO - 10A	With interlocking		UP - DOWN	12/24
GW 12 141	1P NO+1P NO - 16 A	Double			12/24
GW 12 142	1P NO - 16A	Indicator 22x22 mm	Green diffuser		12/24
GW 12 143	1P NO - 16A	Indicator 22x22 mm	Red diffuser		12/24
GW 12 144	1P NO - 16A	Indicator 22x22 mm	Opal diffuser		12/24
GW 12 151	1P NO - 16A illuminable	Signalling		Light	12/24
GW 12 152	1P NO - 16A illuminable	Signalling		Key	12/24
GW 12 153	1P NO - 16A illuminable	Signalling		Bell	12/24
No. CHORUS MODULES: 1/2					
GW 12 161	1P NO - 10A	General			6/24
GW 12 162	1P NO - 10A illuminable	Locating			6/24
No. CHORUS MODULES: 2					
GW 12 171	1P NO - 16A	General			6/24
GW 12 172	1P NO - 16A illuminable	Locating			6/24
GW 12 173	1P NO - 16A illuminable	Signalling			6/24
No. CHORUS MODULES: 3					
GW 12 181	1P NO - 16A	General			4/12
GW 12 182	1P NO - 16A illuminable	Locating			4/12
GW 12 183	1P NO - 16A illuminable	Signalling			4/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.

GW12136 Cord in insulating material, 140cm long, with red knob.

GW12140 Button with mechanical interlock. In the central position (OFF), both contacts are open; advisable for activating motorised devices with direction reversal (e.g. roller-shutters, curtains, etc.)

GW12141 independent push-buttons that can also be activated simultaneously.

GW12145



PUSH-BUTTONS 2P - 250V AC

Code	Description	Type	Symbol	Pack Carton
No. CHORUS MODULES: 1				
GW 12 134	2P NO - 16A	General	O	12/24
GW 12 135	2P NO - 10A illuminable	Signalling		12/24
GW 12 145	2P NO - 10A	With key		1/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.

NOTE: GW12145 equipped with 2 keys.

GW12191



PUSH-BUTTONS WITH ILLUMINATED NAME PLATE - 250V AC

Code	Description	Lamp voltage	Lamp	Lamp power	Pack Carton
No. CHORUS MODULES: 2					
GW 12 191	1P NO - 10A	12-24V ac/dc	Cartridge lamp S6x36 mm	2 W	6/24
No. CHORUS MODULES: 3					
GW 12 192	1P NO - 10A	12-24V ac/dc	Cartridge lamp S6x36 mm	2 W	4/16

CHARACTERISTICS: lamp not included.

COMMAND DEVICES - QUICK WIRING TERMINALS

GW12031F		ONE-WAY SWITCHES 1P - 250V AC			
		Code	Description	Type	Type of terminals
		No. CHORUS MODULES: 2			
		GW 12 031 F	1P - 16AX	General	Spring-activated
		GW 12 032 F	1P - 16 AX illuminable	Locating	Spring-activated
		GW 12 033 F	1P - 16 AX illuminable	Signalling	Spring-activated
		<p>CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens. NOTE: spring strip, without the use of tools.</p>			
GW12034F		ONE-WAY SWITCHES 2P - 250V AC			
		Code	Description	Type	Type of terminals
		No. CHORUS MODULES: 2			
		GW 12 034 F	2P - 16 AX	General	Spring-activated
		GW 12 035 F	2P - 16 AX illuminable	Signalling	Spring-activated
		<p>CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens. NOTE: spring strip, without the use of tools.</p>			
GW12071F		TWO-WAY SWITCHES 1P - 250V AC			
		Code	Description	Type	Type of terminals
		No. CHORUS MODULES: 2			
		GW 12 071 F	1P - 16AX	General	Spring-activated
		GW 12 072 F	1P - 16 AX illuminable	Locating	Spring-activated
		GW 12 073 F	1P - 16 AX illuminable	Signalling	Spring-activated
		<p>CHARACTERISTICS: the illuminable articles use a miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens. NOTE: spring strip, without the use of tools.</p>			
GW12101F		REVERSING SWITCHES 1P - 250V AC			
		Code	Description	Type	Type of terminals
		No. CHORUS MODULES: 2			
		GW 12 101 F	1P - 16AX	General	Spring-activated
		GW 12 102 F	1P - 16 AX illuminable	Locating	Spring-activated
		GW 12 103 F	1P - 16 AX illuminable	Signalling	Spring-activated
		<p>CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens. NOTE: spring strip, without the use of tools.</p>			
GW12171F		PUSH-BUTTONS 1P - 250V AC			
		Code	Description	Type	Type of terminals
		No. CHORUS MODULES: 2			
		GW 12 171 F	1P NO - 16A	General	Spring-activated
		GW 12 172 F	1P NO - 16A illuminable	Locating	Spring-activated
		GW 12 173 F	1P NO - 16A illuminable	Signalling	Spring-activated
		<p>CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens. NOTE: spring strip, without the use of tools.</p>			
GW12160F		COMBINED COMMAND DEVICES - 250V AC			
		Code	Description	Type	Type of terminals
		No. CHORUS MODULES: 2			
		GW 12 078 F	Twin two-way switch 1P - 16 AX	General	Spring-activated
		GW 12 159 F	Two-way switch 1P - 16 AX / Push-button 1P NO 16A	General	Spring-activated
		GW 12 160 F	Twin push-button 1P NO - 16 A	UP - DOWN - STOP	Spring-activated
		<p>NOTE: spring strip, without the use of tools.</p>			

CHORUS - DOMESTIC RANGE

BLACK MODULAR DEVICES

CHORUS
DOMESTIC RANGE

LENS WITH ILLUMINATED SYMBOL

GW10502



SYMBOLS FOR OPERATIONAL SIGNALLING DEVICES

Code	Symbol	Pack Carton
SUITABLE FOR: GENERAL SERVICES		
GW 10 501	Transparent	20/240
GW 10 502	Light	20/240
GW 10 503	Stair light	20/240
GW 10 504	Table light	20/240
GW 10 505	Bell	20/240
GW 10 506	Fan	20/240
GW 10 507	Key	20/240
GW 10 508	Alarm	20/240
GW 10 509	ON	20/240
GW 10 510	OFF	20/240
GW 10 511	Nurse	20/240
GW 10 512	Waitress	20/240
GW 10 513	Dimmer increase	20/240
GW 10 514	Dimmer decrease	20/240
GW 10 515	UP arrow	20/240
GW 10 516	DOWN arrow	20/240
GW 10 517	UP - DOWN arrow	20/240
GW 10 518	RIGHT - LEFT arrow	20/240
SUITABLE FOR: NUMERICAL SERVICES		
GW 10 531	One	20/240
GW 10 532	Two	20/240
GW 10 533	Three	20/240
GW 10 534	Four	20/240
GW 10 535	Five	20/240
GW 10 536	Six	20/240
GW 10 537	Seven	20/240
GW 10 538	Eight	20/240
GW 10 539	Nine	20/240
GW 10 540	Zero	20/240

NOTE: to be used in place of the neutral identification lens in signalling-type devices.

INTERCHANGEABLE BUTTON KEYS AND DIFFUSERS

GW12542



INTERCHANGEABLE BUTTON KEYS AND DIFFUSERS

Code	Symbol	Pack Carton
DESCRIPTION: KEYS 22x22 MM		
GW 12 541	General	4/48
GW 12 542	With label	4/48
GW 12 543	Key	4/48
GW 12 544	Bell	4/48
GW 12 545	Vertical arrow	4/48
GW 12 546	Horizontal arrow	4/48
DESCRIPTION: DIFFUSORS		
GW 10 547	Red	4/48
GW 10 548	Green	4/48
GW 10 549	Opal	4/48
GW 10 550	Amber	4/48

APPLICATIONS: diffusers to be used in place of those on the indicator lamps GW12142, GW12143 and GW12144.

NOTES: the Chorus modular system allows the use of 22 x 22mm interchangeable button keys in place of the standard button keys fitted on the control devices GW12141, GW12142, GW12143 and GW12144.

BADGE SWITCH

GW12039



UNIVERSAL BADGE SWITCH

Code	Description	Badge max width	Type	No. Chorus modules	Pack Carton
GW 12 039	1P NO - 16 AX	54 mm	Illuminable	2	1/6

CHARACTERISTICS: the product can be fitted directly in 2-module plates; with plates of a greater modularity, you are advised to use 2 blanking modules for a 1/2 module (one on the right and one on the left).

APPLICATIONS: activation of circuits and services in hotel rooms (e.g. lights, air-conditioner, fridge-bar), indication of room occupied (with badge inserted)

NOTES: badges not included. The article uses miniature lamps with wired lead, not included.

①=June 2010

BLANKING MODULES AND CABLE OUTLET

Code	Description	No. Chorus modules	Pack Carton
GW 12 195	1 gang	1	5/200
GW 12 197	1/2 gang	1/2	4/48
GW 12 198	2 gang	2	1/48
GW 12 199	3 gang	3	1/48

Code	Description	No. Chorus modules	Pack Carton
GW 12 194	2 gang	2	6/48
GW 12 196	1 gang	1	1/48

NOTES: GW12196 with anti-traction cable fastener device, cables min 6mm ø, max 10mm ø.
GW12194 with anti-traction cable fastener device, cables min 4mm ø, max 10mm ø. To be installed with the cable output downwards.

MOVEMENT DETECTORS

Code	Power supply voltage	Output contacts	No. Chorus modules	Pack Carton
GW 12 591	230V ac - 50/60Hz	1NO 3A(AC1)/2A(AC15) 250V ac	1	1/4
GW 12 592	230V ac - 50/60Hz	1NO 16A(AC1)/10A(AC15) 250V ac	2	1/2

CHARACTERISTICS: tripping duration can be adjusted from 15 sec. to 10 min. Light-sensitive threshold adjustment from min. 10 lux - max. inhibited.
GW12591 sensor with fixed lens - not suitable for commanding fluorescent lamps directly.
GW12592 sensor with adjustable lens - command is also possible via NO remote control push-buttons. Suitable for commanding fluorescent lamps with max current of 4A.
APPLICATIONS: energy savings: lighting command in rooms or areas only when people are passing through.
Comfort and safety: automatic command of circuits without needing to activate one-way switches.
NOTES: do not install the products in watertight plates, as the lid membrane does not allow the detector lens to work correctly.

INFRARED REMOTE CONTROL AND RECEIVER

Code	Power supply batteries	No. channels	Range	Pack Carton
GW 12 596	2 alkaline 1.5 V AAA-type	6	10 m	1/2

APPLICATIONS: the setting of the inner microswitch on three bands allows you to command up to 18 different receivers GW10597.
NOTE: includes support for wall-mounting. Batteries not included.

Code	Power supply voltage	Channel selector	Relay output	No. Chorus modules	Pack Carton
GW 12 597	230V ac 50/60Hz	18 positions	1NO 5A(AC1) 250V ac	1	1/4

APPLICATIONS: jogging command of ringers, electro-locks etc. (direct use, or via momentary relay GW14724).
ON-OFF command of user devices (lamps, fans, etc.) by means of a latching relay GW12721, GW12723.
Command and regulation of lights and air agitators by means of dimmers GW12568, GW12571, GW12574.

RELAY

Code	Type	No. poles	Output contacts	No. Chorus modules	Pack Carton
GW 12 721	Latching relay	1P	10 AX 250V ac	1	1/12
GW 12 723	Latching relay, 4 sequences	2P	10 AX 250V ac	1	1/12
GW 12 724	Momentary relay	1P	1NO/NC 10A(AC1)/2A(AC15)250V ac	1	1/12

APPLICATIONS: GW12721, GW12723, command of lighting devices from more than one point, by means of remote NO push-buttons.
Engine function/stop commands (extractors, air agitators, etc.).
GW12724, as an auxiliary element for commanding special loads, for distance signalling, for electrical separation between the circuits of command and use.

Code	No. poles	Output contacts	No. Chorus modules	Pack Carton
GW 12 726	1P	1NO/NC 12V	1	1/12

CHARACTERISTICS: inlets for remote NO push-buttons for alarms (e.g. GW10136) and alarm reset (e.g. GW12145).

POWER TAKE-OFF - BLACK VERSION

SOCKET-OUTLETS - ITALIAN/GERMAN STANDARD

GW12203



ITALIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 12 201	2P+E - 10A	P11	Ø 4 mm	1	12/96
GW 12 203	2P+E - 16A Dual amperage	P11-P17	Ø 4 / 5 mm	1	12/96

CHARACTERISTICS: with safety shields.

GW12204



ITALIAN/GERMAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	Earth pit	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 12 204	2P+E - 16A Dual amperage	Side and central	P30-P17	Ø 4 / 4.8 / 5 mm	2	6/48
GW 12 205	2P+E - 16A	Side and central	P30	Ø 4 / 4.8 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW12208



ITALIAN STANDARD DOUBLE SOCKET-OUTLET - 250V AC

Code	Description	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 12 208	2x2P+E - 16A Dual amperage	P11-P17	Ø 4 / 5 mm	2	6/24

CHARACTERISTICS: with safety shields. The wiring is carried out via 3 terminals that power the sockets, without using U-bolts.

GW12209



ITALIAN STANDARD TRIPLE SOCKET-OUTLET - 250V AC

Code	Description	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 12 209	3x2P+E - 16A Dual amperage	P11-P17	Ø 4 / 5 mm	3	4/12

CHARACTERISTICS: with safety shields. The wiring is carried out via 3 terminals that power the socket-outlets, without using U-bolts.

SOCKET-OUTLETS FOR DEDICATED LINES - ITALIAN/GERMAN STANDARD

GW10213



ITALIAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 10 213	2P+E - 16A Dual amperage	Red	P11-P17	Ø 4 / 5 mm	1	12/24
GW 10 223	2P+E - 16A Dual amperage	Green	P11-P17	Ø 4 / 5 mm	1	12/24
GW 10 233	2P+E - 16A Dual amperage	Orange	P11-P17	Ø 4 / 5 mm	1	12/24

CHARACTERISTICS: with safety shields.

GW10214



ITALIAN/GERMAN STANDARD DUAL AMPERAGE SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 10 214	2P+E - 16A Dual amperage	Red	P30-P17	Ø 4 / 4.8 / 5 mm	2	6/12
GW 10 224	2P+E - 16A Dual amperage	Green	P30-P17	Ø 4 / 4.8 / 5 mm	2	6/12
GW 10 234	2P+E - 16A Dual amperage	Orange	P30-P17	Ø 4 / 4.8 / 5 mm	2	6/12

CHARACTERISTICS: with safety shields. Pit of side and central earth contacts. Pre-arranged for housing miniature lamps with wired lead.

APPLICATIONS: possibility to indicate presence of auxiliary network.

SOCKET-OUTLETS - GERMAN STANDARD

GW12241



GERMAN STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 12 241	2P+E - 16A	Ø 4.8 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW10251



GERMAN STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 251	2P+E - 16A	Red	Ø 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields.



GW12341

GERMAN STANDARD SOCKET-OUTLET WITH FRONT TIGHTENING TERMINALS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 12 341	2P+E - 16A	Ø 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Front access terminals with screw fixing, side input of the conductors.



GW10351

GERMAN STANDARD SOCKET-OUTLET WITH FRONT TIGHTENING TERMINALS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 351	2P+E - 16A	Red	Ø 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Front access terminals with screw fixing, side input of the conductors.



GW12241F

GERMAN STANDARD SOCKET-OUTLET WITH QUICK WIRING TERMINALS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 12 241 F	2P+E - 16A	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Spring strip, without the use of tools.



GW10251F

GERMAN STANDARD SOCKET-OUTLET WITH QUICK WIRING TERMINALS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 251 F	2P+E - 16A	Red	Ø 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Spring strip, without the use of tools.

SOCKET-OUTLETS - FRENCH STANDARD (FOR EXPORT)



GW12246

FRENCH STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 12 246	2P - 16A	Ø 4 / 4.8 mm	2	1/24
GW 12 247	2P+E - 16A	Ø 4 / 4.8 mm	2	6/48

CHARACTERISTICS: with safety shields.



GW12248

FRENCH STANDARD SOCKET-OUTLET WITH FRONT TIGHTENING TERMINALS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 12 248	2P+E - 16A	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Front access terminals with screw fixing, side input of the conductors.



GW10258

FRENCH STANDARD SOCKET-OUTLET WITH FRONT TIGHTENING TERMINALS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 258	2P+E - 16A	Red	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Front access terminals with screw fixing, side input of the conductors.
To be used in combination with plugs equipped with accessory GW10260.



GW12247F

FRENCH STANDARD SOCKET-OUTLET WITH QUICK WIRING TERMINALS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 12 247 F	2P+E - 16A	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Spring strip, without the use of tools.



GW10257F

FRENCH STANDARD SOCKET-OUTLET WITH QUICK WIRING TERMINALS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 257 F	2P+E - 16A	Red	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Spring strip, without the use of tools.
To be used in combination with plugs equipped with accessory GW10260.

GW10260



FRENCH SOCKET-OUTLET ACCESSORY, FOR DEDICATED LINES, WITH FRONT TIGHTENING TERMINALS

Code	Colour	For sockets	Pack Carton
GW 10 260	Red	GW10257F - GW10258	10/100

CHARACTERISTICS: to be fixed directly on the 2P+E French standard plug, to avoid the incorrect insertion in allocated line circuits.

SOCKET-OUTLETS - ISRAELI STANDARD (FOR EXPORT)

GW12281



ISRAELI STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 12 281	2P+E - 16A	Ø 4 / 4,4 mm Round	2	1/24

CHARACTERISTICS: with safety shields.

GW10291



ISRAELI STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 291	2P+E - 16A	Red	Ø 4 / 4,4 mm Round	2	1/24

CHARACTERISTICS: with safety shields.

SOCKET-OUTLETS - INTERNATIONAL STANDARD (FOR EXPORT)

GW12286



USA STANDARD SOCKET-OUTLET - 250/125V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 12 286	2P+E - 15A	Flat parallel horizontal	1	12/48

GW12288



EURO-AMERICAN STANDARD SOCKET-OUTLET - 250/125V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 12 287	2P - 15A	Ø 4 mm Flat	1	12/48
GW 12 288	2P+E - 15A	Ø 4 mm Flat	1	12/48

GW12296



BRITISH STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 12 296	2P+E - 13A	Flat	2	6/48
GW 12 297	2P+E - 15A	Ø 7 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW12298



INDIAN/SOUTH AFRICAN STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 12 298	2P+E - 16A	Ø 7 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW12301



ARGENTINIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 12 301	2P+E - 10A	Flat	2	6/48
GW 12 302	2P+E - 15A	Flat	2	6/48

GW12306



AUSTRALIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 12 306	2P+E - 10A	Flat	2	6/48
GW 12 307	2P+E - 15A	Flat	2	6/48

INTERLOCKED SWITCHED SOCKET-OUTLETS

GW12311



INTERLOCKED SWITCHED SOCKET-OUTLETS WITH MINIATURE CIRCUIT BREAKER - 230V AC

Code	Description	Type of sockets	Miniature circuit breakers	Breaking capacity	No. Chorus modules	Pack Carton
GW 12 311	2P+E - 16A	P17-P11	1P+N 16A	3 kA	2	1/6
GW 12 312	2P+E - 16A	P30-P17	1P+N 16A	3 kA	3	1/4

CHARACTERISTICS: Interlocked switched socket-outlets with automatic miniature circuit breaker (C bend). Pits under tension only with plug inserted.

APPLICATIONS: suitable for installation in the system terminations to protect the load.

GW12321



INTERLOCKED SWITCHED SOCKET-OUTLETS WITH RESIDUAL MINIATURE CIRCUIT BREAKER - 230V AC

Code	Description	Type of sockets	Miniature circuit breakers	Breaking capacity	Idn	No. Chorus modules	Pack Carton
GW 12 321	2P+E - 16A	P17-P11	1P+N 16A	3 kA	10 mA	3	1/4
GW 12 322	2P+E - 16A	P30-P17	1P+N 16A	3 kA	10 mA	4	1/2

CHARACTERISTICS: Interlocked switched socket-outlets with automatic miniature circuit breaker (C bend) and residual current circuit breaker (type A). Pits under tension only with plug inserted.

APPLICATIONS: suitable for installation in the system terminations to protect the load.

SHAVER SOCKET-OUTLET

GW12331



EURO-AMERICAN STANDARD SHAVER SOCKET-OUTLET WITH INSULATION TRANSFORMER

Code	Power supply voltage	For plug pins	Selectable output voltage	Maximum power	No. Chorus modules	Pack Carton
GW 12 331	230V ac - 50/60 Hz	Ø 4 / 5 - 6.3x1.5 mm	120-230V ac	20 VA	3	1/2

CHARACTERISTICS: the socket-outlet is equipped with a self-protection device against overloading. The output voltage should be correctly selected on the basis of the ratings of the user device, before inserting the plug.

The special signalling LED allows you to identify the chosen voltage.

SIGNAL TAKE-OFF - BLACK VERSION

TV-SAT SOCKET-OUTLETS

GW12361



COAXIAL TV SOCKETS (5-2400 MHZ), CLASS A CLASS A SHIELDING - MALE IEC CONNECTOR Ø 9.5 MM

Code	Description	Type	Attenuation	No. Chorus modules	Pack Carton
GW 12 361	Direct	With passage of current	0 dB	1	1/48
GW 12 362	Feedthrough		5 dB	1	1/24
GW 12 363	Feedthrough		10 dB	1	1/24
GW 12 364	Feedthrough		14 dB	1	1/24
GW 12 365	Feedthrough		18 dB	1	1/24
GW 12 366	Feedthrough		22 dB	1	1/24
GW 20 277	Terminal resistance 75ohm				50/200

CHARACTERISTICS: GW20277 allows you to make terminal socket-outlets in combination with feedthrough type socket-outlets.

APPLICATIONS: socket-outlets suitable for return trunking.

NOTE: the TV 5 dB coaxial socket-outlet is defined with GW12362 conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user door (socket-outlet towards the user device) must always be closed with a load of 75 ohm (TV, video-player, SAT receiver, or termination of 75 ohm).

Feedthrough socket-outlets are equipped with protection against electrical shock Art.9.14 CEI EN 50083-1.

GW12371



COAXIAL TV-SAT SOCKET-OUTLETS, CLASS A SHIELDING - FEMALE F CONNECTOR

Code	Description	Type	Attenuation	No. Chorus modules	Pack Carton
GW 12 371	Direct	With passage of current	0 dB	1	1/48
GW 12 372	Feedthrough		5 dB	1	1/24
GW 12 373	Feedthrough		10 dB	1	1/24
GW 12 374	Feedthrough		14 dB	1	1/24
GW 12 375	Feedthrough		18 dB	1	1/24
GW 12 376	Feedthrough		22 dB	1	1/24
GW 20 277	Terminal resistance 75ohm				50/200

CHARACTERISTICS: GW14371 allows the passage of voltage/current of remote power supply and/or control signals towards the user door (max 24 V - 500 mA). GW20277 allows you to make terminal socket-outlets in combination with feedthrough type socket-outlets.

APPLICATIONS: socket-outlets suitable for return trunking.

NOTES: the TV - SAT 5 dB GW12372 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user door (socket-outlet towards the user device) must always be closed with a load of 75 ohm (TV, video-player, SAT receiver, or termination of 75 ohm).

Feedthrough socket-outlets are equipped with protection against electrical shock Art.9.14 IEC EN 50083-1.

GW12382



TV-FM-SAT SOCKET-OUTLETS

Code	Connectors	Description	Attenuation	No. Chorus modules	Pack Carton
GW 12 381	TV-FM	Direct	0 dB	2	1/24
GW 12 382	TV-FM-SAT	Direct	0 dB	2	1/24
GW 12 383	TV-SAT	Direct	0 dB	2	1/24

CHARACTERISTICS: TV-FM direct co-axial socket-outlet GW12381 with male IEC-type TV connector ø 9.5mm and female IEC-type FM connector ø 9.5mm.

TV-FM-SAT direct co-axial socket-outlet GW12382 with male IEC-type TV connector ø 9.5mm, female IEC-type FM connector ø 9.5mm, and female F-type SAT connector.

TV-SAT direct co-axial socket-outlet GW12383 with TV connector type IEC male ø 9.5mm and SAT connector type F female.

NOTES: demixed socket-outlets with input for co-axial cable Ø 5mm or 7mm.

GW12386



UNIVERSAL SUPPORTS FOR COMBINED TV-SAT-R SOCKET-OUTLETS

Code	Description	No. holes	Pack Carton
GW 12 386	For TV-R base	2	1/24
GW 12 387	For TV/R-SAT base	2	1/24

APPLICATIONS: suitable for integration on the Chorus range of TV-SAT-R standard bases available on the market.

ACCESSORIES SUPPLIED: fixing screws.

TELEPHONE JACKS

GW12403



INTERNATIONAL STANDARD TELEPHONE JACKS

Code	Description	Type	Connection	No. Chorus modules	Pack Carton
GW 12 401	RJ11		Toolless	1	1/24
GW 12 402	RJ11	In out	Impact tool	1	1/24
GW 12 403	RJ11	Double	Impact tool	1	1/24
GW 12 404	RJ12		Toolless	1	1/24

CHARACTERISTICS: insulator displacement connection. GW12402 connector with double terminal board (input and output) to facilitate the cutout of a second line.

APPLICATIONS: RJ11: telephone, telefax, modem. RJ12: intercommunicating internal systems.

GW12410



DOUBLE CONNECTOR WITH ADSL FILTER

Code	Description	No. Chorus modules	Pack Carton
GW 12 410	ADSL filter with RJ11 dual S-outlet for telephone/modem	2	1/24

CHARACTERISTICS: BUS-type rear terminal for connecting up to 4 cables. Built-in ADSL filter

APPLICATIONS: to be used for the simultaneous connection of telephone devices and modem/PC.

GW12405



FRENCH STANDARD TELEPHONE JACK

Code	Description	Connection	No. Chorus modules	Pack Carton
GW 12 405	8 contacts	Screw terminals	1	1/24

GW12406



ISRAELI STANDARD TELEPHONE JACK

Code	Description	Connection	No. Chorus modules	Pack Carton
GW 12 406	6 contacts	Screw terminals	1	1/24

CONNECTORS FOR STRUCTURED WIRING

GW12421



RJ45 CONNECTORS

Code	Description	Number pairs	Category	Cables	Connection	No. Chorus modules	Pack Carton
GW 12 421	RJ45	4	5e	UTP	Toolless	1	1/24
GW 12 422	RJ45	4	5e	FTP	Toolless	1	1/24
GW 12 423	RJ45	4	6	UTP	Toolless	1	1/24
GW 12 424	RJ45	4	6	FTP	Toolless	1	1/24

APPLICATIONS: LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e.

LANs up to 250MHz (e.g. videoconference systems, CCTV) for cat.6.

NOTE: circuit identification label included.

GW12431



EMPTY CONTAINERS FOR HOUSING RJ45 DATA CONNECTORS

Code	For connector type	No. Chorus modules	Pack Carton
GW 12 431	Keystone Jack	1	1/48

GW12457



USB BUSH

Code	Description	No. Chorus modules	Pack Carton
GW 12 457	USB Bush	1	1/24

CHARACTERISTICS: A-type USB adapter, female - female: given the depth of the USB connector, it is not possible to install the GW12457 product inside conventional flush-mounting and surface-mounting boxes.

GW12425



BUSHES IN OPTICAL FIBRE

Code	Description	Type	No. Chorus modules	Pack Carton
GW 12 425	O.F. ST Bush	Bush duplex 50/125u	1	1/24
GW 12 426	O.F. SC Bush	Bush duplex 50/125u	1	1/24
GW 12 427	O.F. MT-RJ Bush	Bush duplex 50/125u	1	1/24

CHARACTERISTICS: precise joint and signal transmission, without any attenuation. GW12425 ST bayonet connection, GW12426 SC coupling connection, GW12427MT-RJ coupling connection.

CONNECTORS FOR CONVENTIONAL NETWORKS

GW12443



CONNECTORS FOR CONVENTIONAL NETWORKS

Code	Description	Connection	No. Chorus modules	Pack Carton
GW 12 441	SUB-D 9 contacts	Weld-in	2	1/12
GW 12 442	SUB-D 15 contacts	Weld-in	2	1/12
GW 12 443	SUB-D 25 contacts	Weld-in	3	1/16
GW 12 445	BNC50/75/93Ohm cableRG58/59/62	Weld-in	1	1/12

CHARACTERISTICS: GW12445 BNC 50 Ohm (Ethernet networks); BNC 75/93 Ohm (video control systems, terminal connections).

APPLICATIONS: SUB-D connectors suitable for point-point connections for interfacing computers, peripheral devices, modems, etc.

NOTES: circuit identification label included.

SOCKET-OUTLETS FOR AUXILIARY CIRCUITS

GW12451



SELV SOCKET-OUTLETS

Code	Description	For plug pins	Centre distance	No. Chorus modules	Pack Carton
GW 12 451	2P - 6A - 24V	Ø 3 mm	12.4 mm	1	12/24
GW 12 452	2P - 6A - 24V polarised	flat	12.4 mm	1	12/24

AUDIO AND VIDEO CONNECTORS

GW12453



AUDIO AND VIDEO CONNECTORS

Code	Description	No. Chorus modules	Pack Carton
GW 12 453	Double RCA	1	1/24
GW 12 454	Phonic circuits	1	1/24
GW 12 446	F female Coupling connector	1	1/12
GW 12 456	HDMI Bush	1	1/24
GW 12 458	Speaker connector	1	1/24

CHARACTERISTICS: GW12453 double RCA stud connector, red and white, weld-in connection.

GW12454 welding connection. GW12446 input and output connection via F-type male connector.

PROTECTION - BLACK VERSION

AUTOMATIC CIRCUIT BREAKERS

GW12463



AUTOMATIC MINIATURE CIRCUIT BREAKERS - 230V AC

Code	Description	Nominal current (A)	Breaking capacity	No. Chorus modules	Pack Carton
GW 12 461	Unipolar (1P)	6	3 kA	1	1/12
GW 12 462	Unipolar (1P)	10	3 kA	1	1/12
GW 12 463	Unipolar (1P)	16	3 kA	1	1/12
GW 12 466	Bipolar (1P+N)	6	3 kA	1	1/12
GW 12 467	Bipolar (1P+N)	10	3 kA	1	1/12
GW 12 468	Bipolar (1P+N)	16	3 kA	1	1/12

CHARACTERISTICS: miniature circuit breakers C bend.

APPLICATIONS: installation together with the miniature circuit breakers used, in the house enclosure, to distinguish the different lines while respecting the selectivity.

GW12488



RESIDUAL MINIATURE CIRCUIT BREAKERS - 230V AC

Code	Description	Nominal current (A)	Breaking capacity	I _{dn}	No. Chorus modules	Pack Carton
GW 12 482	Bipolar (1P+N)	6	3 kA	10 mA	2	1/6
GW 12 483	Bipolar (1P+N)	6	3 kA	30 mA	2	1/6
GW 12 485	Bipolar (1P+N)	10	3 kA	10 mA	2	1/6
GW 12 486	Bipolar (1P+N)	10	3 kA	30 mA	2	1/6
GW 12 488	Bipolar (1P+N)	16	3 kA	10 mA	2	1/6
GW 12 489	Bipolar (1P+N)	16	3 kA	30 mA	2	1/6

CHARACTERISTICS: miniature circuit breakers C bend, A-type residual current devices.

APPLICATIONS: installation together with the miniature circuit breakers and residual miniature circuit breakers used, in the house enclosure, to distinguish the different lines while respecting the selectivity.

PROTECTION DEVICES

GW12491



FUSE HOLDER - 250V AC

Code	Max nominal current (A)	Fuses	No. Chorus modules	Pack Carton
GW 12 491	16	Ø 6.3x32 mm	1	1/12

CHARACTERISTICS: fuse not included.

GW12492



OVERVOLTAGE LIMITER - 230V AC

Code	U _c	U _p	No. Chorus modules	Pack Carton
GW 12 492	275V ac 50/60Hz	1KV	1	1/12

CHARACTERISTICS: green LED for status signalling.

APPLICATIONS: protection for electronic devices (TV, Hi-Fi, computer, etc.) from overvoltage of atmospheric origin, or manoeuvres, that could be channelled by the power supply lines.

SIGNALLING - BLACK VERSION

INDICATOR LIGHT DEVICES

GW12642



SINGLE INDICATOR LAMPS - 1/2 MODULE

Code	Diffuser colour	Colour meaning	Signalling unit	No. Chorus modules	Pack Carton
GW 12 641	Opal	Neutral	With wired lead	1/2	2/48
GW 12 642	Green	Safety	With wired lead	1/2	2/48
GW 12 643	Red	Danger	With wired lead	1/2	2/48
GW 12 644	Amber	Attention	With wired lead	1/2	2/48

CHARACTERISTICS: signalling unit not included.

APPLICATIONS: the importance of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.

GW12622



SINGLE INDICATOR LAMPS - 1 MODULE

Code	Diffuser colour	Colour meaning	Signalling unit	No. Chorus modules	Pack Carton
GW 12 621	Opal	Neutral	With wired lead	1	1/24
GW 12 622	Green	Safety	With wired lead	1	1/24
GW 12 623	Red	Danger	With wired lead	1	1/24
GW 12 624	Amber	Attention	With wired lead	1	1/24

CHARACTERISTICS: signalling unit not included.

APPLICATIONS: the importance of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.

GW12629



DOUBLE INDICATOR LAMPS - 1 MODULE

Code	Diffuser colour	Signalling unit	No. Chorus modules	Pack Carton
GW 12 628	Opal	With wired lead	1	1/24
GW 12 629	Red/green	With wired lead	1	1/24

CHARACTERISTICS: signalling unit not included.

APPLICATIONS: the importance of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.

GW12633



PROTRUDING INDICATOR LAMPS

Code	Power supply voltage	Diffuser colour	Lamp	No. Chorus modules	Pack Carton
GW 12 631	12V ac/dc - 230V ac 50/60 Hz	Opal	Led	2	1/24
GW 12 632	12V ac/dc - 230V ac 50/60 Hz	Green	Led	2	1/24
GW 12 633	12V ac/dc - 230V ac 50/60 Hz	Red	Led	2	1/24
GW 12 634	12V ac/dc - 230V ac 50/60 Hz	Amber	Led	2	1/24

CHARACTERISTICS: highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

APPLICATIONS: suitable for special applications such as the signalling of calls from hospital wards.

NOTE: complete with lamp.

GW12656



STAIR RISER LAMP

Code	Power supply voltage	Diffuser colour	Lamp	No. Chorus modules	Pack Carton
GW 12 651	12V ac/dc - 230V ac 50/60 Hz	Opal	Led	2	1/24
GW 12 656	12V ac/dc - 230V ac 50/60 Hz	Opal	Led	4	1/2

CHARACTERISTICS: highly efficient white LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

ANTI BLACK-OUT AND EMERGENCY LAMPS

GW12661



EXTRACTABLE ANTI BLACK-OUT LAMP

Code	Power supply voltage	Power supply batteries	Minimum autonomy	Lamp	Pack Carton
GW 12 661	230V ac - 50/60 Hz	Ni - Mh	2 h	Led	1/6

CHARACTERISTICS: equipped with a 3-position selector on the front panel, for emergency, inhibition and night functioning. To be inserted in any socket-outlet of the Italian, German or French type. Highly efficient, white LED lamp.

GW12662



ANTI BLACK-OUT LAMP

Code	Power supply voltage	Power supply batteries	Minimum autonomy	Lamp	No. Chorus modules	Pack Carton
GW 12 662	230V ac - 50/60 Hz	Ni - Mh	1 h	Led	1	1/12

CHARACTERISTICS: green LED to indicate means presence. Highly efficient, white LED lamp.

GW12666



AUTONOMOUS EMERGENCY LAMP

Code	Power supply voltage	Power supply batteries	Minimum autonomy	Lamp	No. Chorus modules	Pack Carton
GW 12 666	230V ac - 50/60 Hz	Ni - Mh	1 h	Led	4	1/2

CHARACTERISTICS: green LED to indicate mains presence. Highly efficient, white LED lamp.

ACOUSTIC SIGNALLING DEVICES

GW12601



RINGERS

Code	Power supply voltage	Max power consumption	Sound intensity	No. Chorus modules	Pack Carton
GW 12 601	12V ac - 50 Hz	8 VA	80 dB (at 1 m)	1	1/24
GW 12 602	230V ac - 50 Hz	8 VA	80 dB (at 1 m)	1	1/24

GW12606



BUZZERS

Code	Power supply voltage	Max power consumption	Sound intensity	No. Chorus modules	Pack Carton
GW 12 606	12V ac - 50 Hz	8 VA	70 dB (at 1 m)	1	1/24
GW 12 607	230V ac - 50 Hz	8 VA	70 dB (at 1 m)	1	1/24

GW12611



RINGERS - THREE INDEPENDENT INPUTS

Code	Power supply voltage	Max power consumption	Sound intensity	No. Chorus modules	Pack Carton
GW 12 611	12V ac/dc	6 VA	80 dB (at 1 m)	2	1/6
GW 12 612	230V ac - 50 Hz	6 VA	80 dB (at 1 m)	2	1/6

CHARACTERISTICS: adjustable sound intensity.

APPLICATIONS: with a single device, it is possible to combine the functions of external and internal calls, and alarm.

ENERGY, TEMPERATURE AND COMFORT MANAGEMENT - BLACK VERSION

CLOCK, ALARM, THERMOMETER



GW12708

CLOCK - ALARM - THERMOMETER

Code	Power supply voltage	Max. no daily alarms	Sound intensity	Measurement temperature	No. Chorus modules	Pack Carton
GW 12 708	230V ac - 50/60 Hz	2	72 dB (at 1 m)	From 0°C to +45°C	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.

TIMER DEVICES



GW12581

ELECTRONIC DAILY/WEEKLY TIMER, 1-CHANNEL

Code	Power supply voltage	Output contacts	No. Chorus modules	Pack Carton
GW 12 581	230V ac - 50/60 Hz	1NO/NC 8A(AC1)/4A(AC15)250V ac	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout. Serial input for connecting the GSM remote control GW90821.



GW12582

TIMERS

Code	Power supply voltage	Type	Output contacts	No. Chorus modules	Pack Carton
GW 12 582	230V ac - 50/60 Hz	Relay	1NO 16A(AC1)/4A(AC15)250V ac	2	1/2
GW 12 583	230V ac - 50/60 Hz	Electronic	1NO 2A(AC1) 250V ac	1	1/2

CHARACTERISTICS: possibility to command by means of remote control push-buttons, with NO contact.

NOTE: GW12583 not suitable for directly commanding fluorescent lamps.

GW12582 suitable to fluorescent lamps control (max 4A).

TEMPERATURE CONTROL DEVICES



GW12703

TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING

Code	Power supply voltage	Temperature adjustment	Output contacts	No. Chorus modules	Pack Carton
GW 12 703	230V ac - 50/60 Hz	From +5°C to +40°C	1NO/NC 5A(AC1)/2A(AC15)250V ac	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.

Serial input for connection of GSM repeater GW90821.



GW14701

WALL-MOUNTING TIMED THERMOSTATS - DAILY/WEEKLY PROGRAMMING - BATTERY-POWERED

Code	Temperature adjustment	Colour	Output contacts	Dimensions LxHxD (mm)	Pack Carton
GW 10 701	From +5°C to +40°C	White	1NO/NC 5A(AC1)/2A(AC15)250V ac	130x92x23 mm	1/2
GW 14 701	From +5°C to +40°C	Titanium	1NO/NC 5A(AC1)/2A(AC15)250V ac	130x92x23 mm	1/2

CHARACTERISTICS: powered with 3 alkaline 1.5V batteries (AAA), not included. Average battery duration: 1 year.

Automatic energy saving and comfort function; serial input for connection of GSM repeater GW90821.

Kit for wall-mounting, containing: two strips of double-sided adhesive tape, two ø 6mm wall plugs with screws.



GW12705

THERMOSTAT

Code	Power supply voltage	Temperature adjustment	Output contacts	No. Chorus modules	Pack Carton
GW 12 705	230V ac - 50/60 Hz	From +5°C to +35°C	1NO/NC 8A(AC1) 250V ac	2	1/2

CHARACTERISTICS: choice of working mode by means of selector located on the front: summer (air-conditioner), OFF, winter (boiler).

Two-colour front LED to signal the output status (open/closed contact). The lighting up of the LED also indicates the presence of the network.

DIMMER



GW12561

ELECTRONIC, ROTATING COMMAND REGULATORS FOR RESISTIVE/INDUCTIVE LOADS

Code	Power supply voltage	Resistive load 230V ac	Inductive load 230V ac	Command	No. Chorus modules	Pack Carton
GW 12 561	230V ac - 50/60 Hz	100 - 500 W		Rotative	1	1/12
GW 12 564	230V ac - 50/60 Hz	100 - 900 W	40 - 300 VA	Rotative	1	1/12
GW 12 567	230V ac - 50/60 Hz	100 - 500 W	100 - 500VA	Rotative with two-way switch	1	1/12

CHARACTERISTICS: GW12564 item intended exclusively for exportation to countries outside the European Union.

NOTE: to avoid overheating, you are advised not to install many products side-by-side in a single enclosure: insert a blanking module between two electronic devices.



GW12568

ELECTRONIC, BUTTON COMMAND REGULATOR FOR RESISTIVE/INDUCTIVE LOADS

Code	Power supply voltage	Resistive load 230V ac	Inductive load 230V ac	Command	No. Chorus modules	Pack Carton
GW 12 568	230V ac - 50 Hz	60 - 500 W	60 - 500 VA	Push-button	1	1/12

CHARACTERISTICS: possibility to command and regulate by means of remote control push-buttons, with NO contact.

NOTE: to avoid overheating, you are advised not to install many products side-by-side in a single enclosure: insert a blanking module between two electronic devices.

GW12571



ELECTRONIC, BUTTON COMMAND REGULATOR FOR ELECTRONIC TRANSFORMERS

Code	Power supply voltage	Resistive load 230V ac	Inductive load 230V ac	Command	No. Chorus modules	Pack Carton
GW 12 571	230V ac - 50/60 Hz	40 - 300 W	40 - 300 VA	Push-button	1	1/12

CHARACTERISTICS: possibility to command and regulate by means of remote control push-buttons, with NO contact. Extremely silent item.

NOTES: to avoid overheating, you are advised not to install many products side-by-side in a single enclosure: insert a blanking module between two electronic devices.

GW12574



ELECTRONIC, BUTTON COMMAND REGULATOR FOR AIR AGITATORS

Code	Power supply voltage	Load 230V ac	Command	No. Chorus modules	Pack Carton
GW 12 574	230V ac - 50 Hz	55-80 VA	Push-button	1	1/12

CHARACTERISTICS: possibility to command and regulate at fixed steps, also by means of remote control push-buttons, with NO contact.

APPLICATIONS: suitable for regulating air agitators, fans and extractors with induction motors.

NOTE: to avoid overheating, you are advised not to install many products side-by-side in a single enclosure: insert a blanking module between two electronic devices.

SOFT-TOUCH COMMANDS

GW12901



SOFT-TOUCH ONE-WAY SWITCH

Code	Power supply voltage	Resistive load	Inductive load	No. Chorus modules	Pack Carton
GW 12 901	230V ac - 50 Hz	20 - 500 W	20 - 500 VA	1	1/12

CHARACTERISTICS: possibility to command also from remote push-buttons and from the touch sensitive repeaters GW10903, GW12903, GW14903.

NOTES: suitable for incandescent lamps, toroidal / lamellar / electronic transformers, fluorescent lamps (max. 100W). The device must be protected by a fuse of high breaking capacity, positioned on the power supply line.

GW12902



SOFT-TOUCH DIMMER

Code	Power supply voltage	Resistive load	Inductive load	No. Chorus modules	Pack Carton
GW 12 902	230V ac - 50 Hz	40 - 500 W	40 - 300 VA	1	1/12

CHARACTERISTICS: possibility to command and adjust also from remote push-buttons and from the touch sensitive repeaters GW10903, GW12903, GW14903.

NOTES: suitable for incandescent and halogen lamps, toroidal and lamellar transformers.

The device must be protected by a fuse of high breaking capacity, positioned on the power supply line.

GW12903



SOFT-TOUCH REPEATER

Code	Power supply voltage	No. Chorus modules	Pack Carton
GW 12 903	230V ac - 50 Hz	1	1/12

CHARACTERISTICS: the repeater acts as a NO push-button. The device works exclusively in combination with the touch-operated one-way switches GW10901, GW12901, GW14901 and with the touch-operated dimmers GW10902, GW12902, GW14902.

ELECTRONIC PUSH-BUTTONS

GW12912



ELECTRONIC PUSH-BUTTON

Code	Power supply voltage	Type of use	No. Chorus modules	Pack Carton
GW 12 912	230V ac - 50/60 Hz	Relay, dimmer	1	1/12

CHARACTERISTICS: push-button for controlling bistable relays, electronic one-way switches for heavy duty loads, or dimmers with a remote control input. Equipped with amber localisation LED. Contact capacity 4A (AC1).

GW12913



ELECTRONIC PUSH-BUTTON FOR BUS INPUTS

Code	Type of contact	Type of use	No. Chorus modules	Pack Carton
GW 12 913	Potential-free	BUS contacts interfaces	1	1/12

CHARACTERISTICS: allocated push-button for BUS inputs, for KNX BUS contact interface connections (e.g. GW90721, GW90834, etc.).

Equipped with amber/green 2-colour LED with colour selector (can be programmed to work as a night-time localisation lamp or to indicate the load status).

GW12914



DOUBLE ELECTRONIC PUSH-BUTTON

Code	Type of contact	No. Chorus modules	Pack Carton
GW 12 914	Dual, potential-free and with interlock	1	1/12

CHARACTERISTICS: double push-button suitable for connecting KNX BUS contact interfaces (ex: GW90721, GW90834, etc.) or electronic control panels for moving roller shutters.

TECHNICAL ALARMS - BLACK VERSION

GAS DETECTORS

GW12711



LPG DETECTOR

Code	Power supply voltage	Alarm threshold	Output contacts	No. Chorus modules	Pack Carton
GW 12 711	12V ac/dc	9% LIE	1NO/NC 10A(NO)/3A(NC)250V ac	2	1/2

CHARACTERISTICS: relay output for the automatic command of the gas interception solenoid valve with manual reset GW30522. Sound intensity: 85 dB at 1m.

NOTES: owing to the particular thermal sensitivity of the LPG sensor, you are advised to keep the LPG detector far from the power supply GW12709 with a 1-module blanking module GW12195.

GW12712



METHANE GAS DETECTOR

Code	Power supply voltage	Alarm threshold	Output contacts	No. Chorus modules	Pack Carton
GW 12 712	12V ac/dc	9% LIE	1NO/NC 10A(NO)/3A(NC)250V ac	2	1/2

CHARACTERISTICS: relay output for the automatic command of the gas interception solenoid valve (manual reset) GW30522. Sound intensity: 85 dB at 1m.

ANTI-FLOOD SYSTEM WITH WIRELESS TRANSMISSION

GW12716



WATER DETECTOR

Code	Power supply voltage	Output contacts	No. Chorus modules	Pack Carton
GW 12 716	12V ac/dc	1NO/NC5A(AC1)/3A(AC15)250Vac	2	1/2

CHARACTERISTICS: sound intensity: 70 dB at 1m.

NOTE: to be used exclusively with the water sensor GW12718. A maximum of 5 water sensors can be connected to each detector.

GW12718



WATER SENSOR

Code	Power supply voltage	Range in free field	Dimension LxHxD(mm)	Pack Carton
GW 12 718	9V battery	50 m	74x88x45,5	1/2

NOTE: to be used exclusively with the water detector GW12716 (the connection with the water detector is wireless).

Equipped with wall plugs, screws and double-sided adhesive tape for wall-mounting.

ACCESSORIES

GW12719



POWER SUPPLY UNIT

Code	Primary voltage	Secondary output	Rated power suppliable	No. Chorus modules	Pack Carton
GW 12 719	230V ac - 50/60 Hz	12V dc	2 VA	1	1/4

APPLICATIONS: to be used for powering the detectors GW12711, GW12712, GW12716.

REMOTE CONTROLS

REMOTE CONTROLS

GW90821



GSM REMOTE CONTROL WITH I/O AND SERIAL LINE - DIN RAIL MOUNTING

Code	Power supply voltage	No. inputs	No. outputs	Output contacts	No. DIN modules	Pack Carton
GW 90 821	230V ac - 50/60 Hz	2	2	2 NO 10A(AC1) 250V ac	6	1

CHARACTERISTICS: via the GSM network (for example from a mobile phone) using text messages, the device allows you to command general loads, by means of the two output contacts. It is also possible to transmit status information deriving from devices connected to the repeater by means of the two input contacts (via text messages or to a specified telephone number).

The module has a serial connection line towards programmers, flush-mounting and wall mounting timed thermostats (relay and single-direction wireless), which allows it to be managed from a distance, via text messages. Using a computer (USB gate), it is possible to set the outgoing messages and the telephone numbers to be used for calls.

NOTES: the module is fitted with a GSM antenna, and has the possibility of an optional backup power supply using batteries (3 x AAA rechargeable), not included. The configuration software can be downloaded from the page relating to the product on the website www.gewiss.com.

GW90822



GSM REMOTE CONTROL INTERFACE - RF COMMAND AND CONTROL - DIN RAIL MOUNTING

Code	RF range in free field	No. RF transm. channels	No. RF reception channels	No. two-way channels	No. DIN modules	Pack Carton
GW 90 822	100 m	5	2	1	1	1

CHARACTERISTICS: the transmission channels can be used to communicate with RF actuators GW20980, GW21980, GW20981, GW21981, GW20982, GW21982. The reception channels can be used for communication from: 2-channel input modules GW20966, GW21966, RF push-button panels from 1 to 4 channels, IR sensor GW20890, GW21890, GW20990, GW21990, and remote control GW20963. The two-way channel can be used exclusively in combination with the RF two-way timed thermostats GW10851 and GW14851.

NOTES: item to be used only with the repeater GW90821, from which it receives the power supply via the row connection (flat-cable).

GW90823



GSM REMOTE CONTROL INTERFACE - RF BURGLAR ALARM DEVICE - DIN RAIL MOUNTING

Code	RF range in free field	No. DIN modules	Pack Carton
GW 90 823	100 m	3	1

CHARACTERISTICS: the module has the possibility of a backup power supply using a rechargeable 9V battery (included). The product allows the interfacing with the RF burglar alarm system, with command functions (activation, deactivation, slicing) and system status signalling functions (insertion status, anomalies, alarms, tampering) via text messages.

NOTE: item to be used only with the repeater GW90821, from which it receives the power supply via the row connection (flat-cable).

ACCESSORIES

SIGNALLING LAMP

GW10881



MINIATURE LAMPS WITH WIRED LEAD AND LED LAMP

Code	Lamp voltage	Lamp	Colour	Lamp power	Cable Colour	Pack Carton
GW 10 881	230V ac - 50/60 Hz	Led	Blue	0.6 W	Blue	50
GW 10 882	230V ac - 50/60 Hz	Led	White	0.6 W	White	50
GW 10 883	230V ac - 50/60 Hz	Led	Red	0.6 W	Red	50
GW 10 884	230V ac - 50/60 Hz	Led	Green	0.6 W	Green	50
GW 10 885	230V ac - 50/60 Hz	Led	Amber	0.6 W	Orange	50

NOTE: the miniature lamps with wired lead are equipped with power cables.

GW10894



MINIATURE LAMPS WITH WIRED LEAD AND LED LAMP - 12/24V

Code	Lamp voltage	Lamp	Colour	Lamp power	Cable Colour	Pack Carton
GW 10 894	12-24V ac/dc	Led	White	0.6 W	White	50

NOTE: the miniature lamps with wired lead are equipped with power cables.

GW20902



CARTRIDGE LAMPS

Code	Lamp voltage	Lamp	Colour	Lamp power	Dimensions (mm)	Pack Carton
GW 20 902	12V ac/dc	Incandescence	White	2 W	56x36	50
GW 20 903	24V ac/dc	Incandescence	White	2 W	56x36	50

ACCESSORIES

GW30912

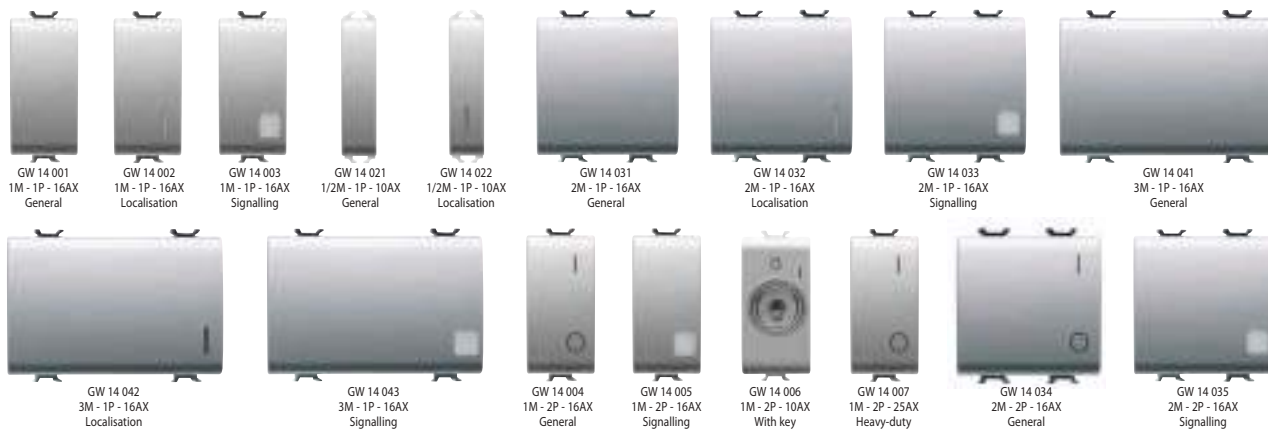


SET OF 2 KEYS FOR CHORUS COMMAND DEVICES

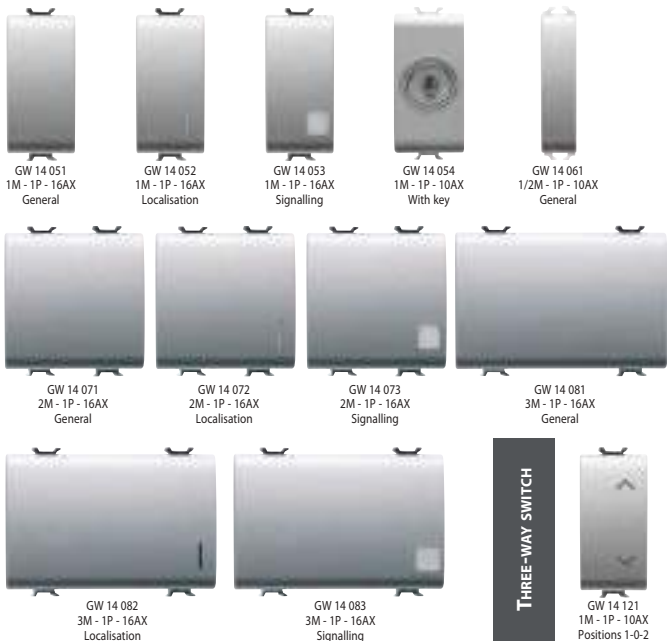
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GW 20 901	GW12006 GW12054	1/100
GW 30 912	GW12145	1/100

COMMAND - TITANIUM

ONE-WAY SWITCHES



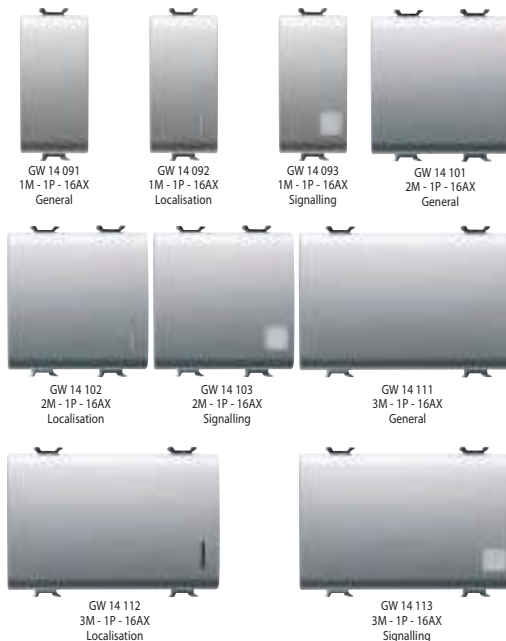
TWO-WAY SWITCHES



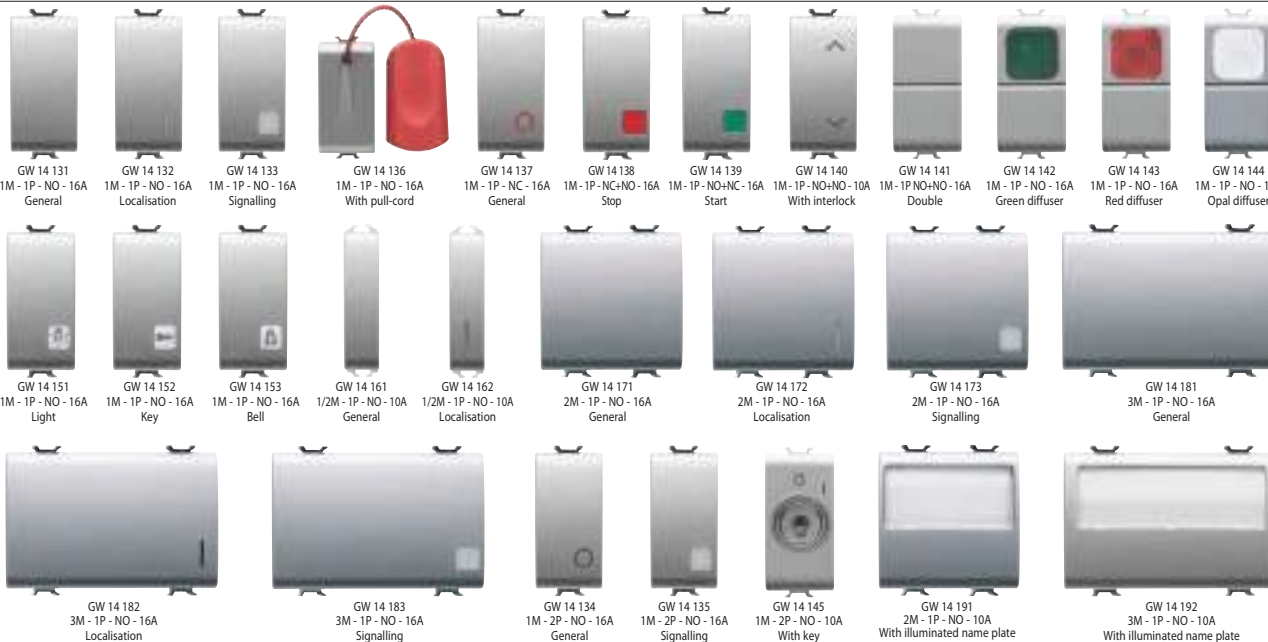
THREE-WAY SWITCH

GW 14 121
1M - 1P - 10AX
Positions 1-0-2

REVERSING SWITCHES













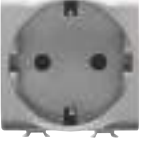









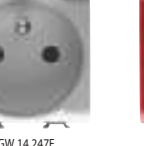





















PUSH-BUTTONS



QUICK WIRING ONE-WAY SWITCHES													
	GW 14 031 F 2M - 1P - 16AX General	GW 14 032 F 2M - 1P - 16AX Localisation	GW 14 033 F 2M - 1P - 16AX Signalling	GW 14 034 F 2M - 2P - 16AX General	GW 14 035 F 2M - 2P - 16AX Signalling								
	QUICK WIRING TWO-WAY SWITCHES				QUICK WIRING REVERSING SWITCHES								
		GW 14 071 F 2M - 1P - 16AX General	GW 14 072 F 2M - 1P - 16AX Localisation	GW 14 073 F 2M - 1P - 16AX Signalling		GW 14 101 F 2M - 1P - 16AX General	GW 14 102 F 2M - 1P - 16AX Localisation	GW 14 103 F 2M - 1P - 16AX Signalling					
		QUICK WIRING PUSH-BUTTONS					COMBINED DEVICES						
GW 14 171 F 2M - 1P - 16A General	GW 14 172 F 2M - 1P - 16A Localisation		GW 14 173 F 2M - 1P - 16A Signalling	GW 14 078 F Double two-way switch 1P - 16AX	GW 14 159 F Push-button 1P - NO - 16A + Two-way switch 1P - NO - 16AX	GW 14 160 F Double push-button 1P - NO - 16A							
LENSES WITH ILLUMINATED SYMBOLS													
	GW 10 501 Transparent symbol	GW 10 502 Light symbol	GW 10 503 Stair light symbol	GW 10 504 Bench light symbol	GW 10 505 Signalling device symbol	GW 10 506 Fan symbol	GW 10 507 Key symbol	GW 10 511 Nurse symbol	GW 10 512 Chambermaid Symbol				
	GW 10 508 Alarm symbol	GW 10 509 ON symbol	GW 10 510 OFF symbol	GW 10 513 Dimmer increase symbol.	GW 10 514 Dimmer decrease symbol	GW 10 515 Arrow up symbol	GW 10 516 Arrow down symbol	GW 10 517 Arrow up-down symbol	GW 10 518 Arrow rh-lh symbol				
	GW 10 531 Number One symbol	GW 10 532 Number Two symbol	GW 10 533 Number Three symbol	GW 10 534 Number Four symbol	GW 10 535 Number Five symbol	GW 10 536 Number Six symbol	GW 10 537 Number Seven symbol	GW 10 538 Number Eight symbol	GW 10 539 Number Nine symbol	GW 10 540 Number Zero symbol			
	INTERCHANGEABLE BUTTON KEYS												
		GW 14 541 General interchangeable button key	GW 14 542 Interchangeable button key with label	GW 14 543 Key interchangeable button key	GW 14 544 Signalling device interchangeable button key	GW 14 545 Vert. arrow interchangeable button key	GW 14 546 Horiz. arrow interchangeable button key	GW 10 547 Red interchangeable gem	GW 10 548 Green interchangeable gem	GW 10 549 Opal interchangeable gem	GW 10 550 Amber interchangeable gem		
		BLANKING MODULES AND OUTPUT							HOTEL COMPONENTS		ELECTRONIC ONE-WAY SWITCHES		
			GW 14 195 1M	GW 14 196 1M Cable output	GW 14 197 1/2M	GW 14 198 2M	GW 14 194 2M Cable output	GW 14 199 3M		GW 14 039 Universal badge switch 1P - NO - 16AX		GW 14 725 For heavy duty loads 1P - 1NO - 230V ac	
IR							RELAYS						
			GW 14 591 Infrared movement detector 1NO-3A	GW 14 592 Infrared movement detector 1NO-16A	GW 14 597 1-channel receiver 230V ac - 50/60Hz	GW 12 596 Portable 6-channel remote control		GW 14 721 Step-step 1P - 10AX - 230V ac		GW 14 723 4 sequences 2P - 10AX - 230V ac		GW 14 724 Monostable 1P - 1NO/NC	GW 14 726 Call 1P - 1NO/NC 12V ac/dc

POWER TAKE-OFF - TITANIUM

ITALIAN	 GW 14 201 2P+E 10A 250V ac	 GW 14 203 2P+E 16A 250V ac Dual amperage	 GW 10 213 2P+E 16A 250V ac Dual amperage	 GW 10 223 2P+E 16A 250V ac Dual amperage	 GW 10 233 2P+E 16A 250V ac Dual amperage	 GW 14 208 Quick wiring 2x2P+E 16A- 250V ac Dual amperage	 GW 14 209 Quick wiring 3x2P+E 16A- 250V ac Dual amperage		
ITALIAN/GERMAN	 GW 14 204 2P+E 16A 250V ac Dual amperage	 GW 14 205 2P+E 16A 250V ac	 GW 10 214 2P+E 16A 250V ac Dual amperage	 GW 10 224 2P+E 16A 250V ac Dual amperage	 GW 10 234 2P+E 16A 250V ac Dual amperage				
GERMAN	 GW 14 241 2P+E 16A 250V ac	 GW 10 251 2P+E 16A 250V ac	 GW 14 341 2P+E 16A - 250V ac Front tightening terminals	 GW 10 351 2P+E 16A - 250V ac Front tightening terminals	 GW 14 241F 2P+E 16A - 250V ac Quick wiring	 GW 10 251F 2P+E 16A - 250V ac Quick wiring			
FRENCH	 GW 14 246 2P 16A 250V ac	 GW 14 247 2P+E 16A 250V ac	 GW 14 248 2P+E 16A - 250V ac Front tightening terminals	 GW 10 258 2P+E 16A - 250V ac Front tightening terminals	 GW 14 247F 2P+E 16A - 250V ac Quick wiring	 GW 10 257F 2P+E 16A - 250V ac Quick wiring	 GW 10 260 Accessory for French socket allocated lines		
ISRAELI	 GW 14 281 2P+E 16A 250V ac	 GW 10 291 2P+E 16A 250V ac	USA	 GW 14 286 2P+E 15A 250/125V ac	INDIAN/SOUTH AFRICAN	 GW 14 298 2P+E 16A 250V ac	EURO-AMERICAN	 GW 14 287 2P 15A 250/125V ac	 GW 14 288 2P+E 15A 250/125V ac
BRITISH	 GW 14 296 2P+E 13A 250V ac	 GW 14 297 2P+E 15A 250V ac	ARGENTINIAN	 GW 14 301 2P+E 10A 250V ac	 GW 14 302 2P+E 15A 250V ac	AUSTRALIAN	 GW 14 306 2P+E 10A 250V ac	 GW 14 307 2P+E 15A 250V ac	
INTERLOCKED SOCKET-OUTLETS	 GW 14 311 2P+E 16A 230V ac	 GW 14 312 2P+E 16A 230V ac	 GW 14 321 2P+E 16A 230V ac	 GW 14 322 2P+E 16A 230V ac	SHAVER SOCKET-OUTLET	 GW 14 331 Shaver socket-outlet 230V ac - 50/60Hz			

SIGNAL TAKE-OFF - TITANIUM

TV-SAT		Male IEC type GW 14 361 0db GW 14 362 5db GW 14 363 10db GW 14 364 14db GW 14 365 18db GW 14 366 22db GW 20 277 - terminal resistance 75ohm	TV-FM-SAT		Female F type GW 14 371 0db GW 14 372 5db GW 14 373 10db GW 14 374 14db GW 14 375 18db GW 14 376 22db GW 20 277 - terminal resistance 75ohm		GW 14 381 TV - FM 0dB		GW 14 382 TV-FM-SAT 0dB		GW 14 383 SAT - TV		GW 14 386 Support for combined TV-R socket-outlets		GW 14 387 Support for combined TV-R-SAT socket-outlets	
TELEPHONE JACKS		GW 14 401 RJ11		GW 14 402 RJ11 IN/OUT		GW 14 403 RJ11 Double		GW 14 404 RJ12		GW 14 405 French 8 contacts		GW 14 406 Israeli 6 contacts		GW 14 410 RJ 11 Double with ADSL filter		
CONNECTORS FOR STRUCTURED WIRING		GW 14 421 RJ45 5e UTP		GW 14 422 RJ45 5e FTP		GW 14 423 RJ45 6 UTP		GW 14 424 RJ45 6 FTP		GW 14 425 O.F. ST bush		GW 14 426 O.F. SC bush		GW 14 427 O.F. MT - RJ bush		GW 14 431 Connector case RJ45
CONNECTORS FOR CONVENTIONAL NETWORKS		GW 14 441 SUB - D 9 contacts		GW 14 442 SUB - D 15 Contacts		GW 14 443 SUB - D 25 Contacts		GW 14 445 BNC 50/75/93 Ohm cable RG58/59/62		GW 14 457 USB A-type bush						
SELV SOCKETS		GW 14 451 2P - 6A 24V		GW 14 452 2P - 6A 24V Polarised	AUDIO AND VIDEO CONNECTORS		GW 14 453 Double RCA		GW 14 454 Phonic circuits		GW 14 446 Female F coupling connector		GW 14 456 HDMI bush		GW 14 458 Speaker connector	

PROTECTION AND SIGNALLING - TITANIUM

AUTOMATIC CIRCUIT BREAKERS



GW 14 461 - 6A 230V ac
GW 14 462 - 10A 230V ac
GW 14 463 - 16A 230V ac
1P

Miniature circuit breakers
Breaking capacity 3kA
C characteristic

GW 14 466 - 6A 230V ac
GW 14 467 - 10A 230V ac
GW 14 468 - 16A 230V ac
1P+N



GW 14 482 - 6A 230V ac
GW 14 485 - 10A 230V ac
GW 14 488 - 16A 230V ac
1P+N I_{dn}=10mA

Residual current circuit breakers
with overcurrent protection
Breaking capacity 3kA
C characteristic - Class A

GW 14 483 - 6A 230V ac
GW 14 486 - 10A 230V ac
GW 14 489 - 16A 230V ac
1P+N I_{dn}=30mA

PROTECTION DEVICES



GW 14 491
Fuse-holder
In MAX = 16A



GW 14 492
Overvoltage
limiter

ANTI-BLACKOUT LAMPS



GW 14 661
Extractable
230V ac - 50/60Hz



GW 14 662
Anti-blackout lamp 1M
230V ac - 50/60Hz



GW 14 666
Autonomous emergency lamp
230V ac - 50/60Hz

BELLS AND BUZZERS



GW 14 601
Bell
12V ac - 50Hz



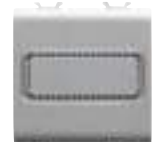
GW 14 602
Bell
230V ac - 50Hz



GW 14 606
Buzzer
12V ac - 50Hz



GW 14 607
Buzzer
230V ac - 50Hz



GW 14 611
Ringer with three independent
inputs 12Vac/dc



GW 14 612
Ringer with three independent
inputs 230V ac - 50Hz

INDICATOR LAMPS



GW 14 641
Single indicator lamp
1/2M
Opal



GW 14 642
Single indicator lamp
1/2M
Green



GW 14 643
Single indicator lamp
1/2M
Red



GW 14 644
Single indicator lamp
1/2M
Amber



GW 14 621
Single indicator lamp
1M
Opal



GW 14 622
Single indicator lamp
1M
Green



GW 14 623
Single indicator lamp
1M
Red



GW 14 624
Single indicator lamp
1M
Amber



GW 14 628
Double indicator lamp
1M
Opal



GW 14 629
Double indicator lamp
1M
Red/Green

PROTRUDING INDICATOR LAMPS



GW 14 631
2M Opal
12V ac/dc - 230V ac



GW 14 632
2M Green
12V ac/dc - 230V ac



GW 14 633
2M Red
12V ac/dc - 230V ac



GW 14 634
2M Amber
12V ac/dc - 230V ac

STAIR RISER LAMPS



GW 14 651
2M Opal



GW 14 656
4M Opal

ENERGY, COMFORT AND CLIMATE MANAGEMENT - TECHNICAL ALARMS - REMOTE CONTROL - TITANIUM

CLOCK / ALARM / THERMOMETER		TIMER DEVICES						
	GW 14 708 Clock / alarm / thermometer 230V ac - 50/60Hz		GW 14 581 Electronic daily/weekly timer 230V ac - 50/60Hz	GW 14 582 Relay timer	GW 14 583 Electronic timer			
CLIMATE CONTROL								
	GW 14 703 Timed thermostat 230V ac - 50/60Hz	GW 14 701 White wall-mounting timed thermostat Titanium wall-mounting timed thermostat	GW 14 705 Thermostat 230V ac - 50/60Hz					
DIMMERS								
	GW 14 561 Res.100-500W 230V ac - 50/60Hz	GW 14 564 Res.100-900W Ind.40-300VA 230V ac - 50/60Hz	GW 14 567 Res.100-500W With two-way switch 230V ac - 50/60Hz	GW 14 568 Res.60-500W Ind.60-500VA 230V ac - 50Hz	GW 14 571 For electronic transformers 230V ac - 50/60Hz	GW 14 574 For air agitators 55-80VA 230V ac - 50Hz		
	SOFT-TOUCH				ELECTRONIC PUSH-BUTTONS			
		GW 14 901 Soft-touch one-way switch 1M 230V ac - 50Hz	GW 14 902 Soft-touch dimmer 1M 230V ac - 50Hz	GW 14 903 Soft-touch repeater 1M 230V ac - 50Hz		GW 14 912 Push-button NO 1M - 230V ac	GW 14 913 Push-button for BUS inputs NO - 1M	GW 14 914 Double push-button NO+NO - 1M - 1P With interlock
TECHNICAL ALARMS								
	GW 14 711 LPG detector - 12V ac/dc	GW 14 712 Methane detector - 12V ac/dc	GW 14 716 Water detector - 12V ac/dc	GW 12 718 RF water sensor	GW 14 719 Power supply 230V ac - 12V dc			
	REMOTE CONTROLS							
		GW 90 821 GSM remote control with I/O and serial line 230V ac - 50/60Hz - 6 DIN modules	GW 90 822 GSM remote control interface - RF command/control 1 DIN module	GW 90 823 GSM remote control interface - RF burglar alarm device 3 DIN modules				
LED SIGNALLING UNIT								
	GW 10 881 Blue GW 10 882 White GW 10 883 Red GW 10 884 Green GW 10 885 Amber 230V ac - 50/60Hz Connection cable 10cm	GW 10 894 White 12/24V ac/dc - 0.6W Connection cable 10cm						
INCANDESCENT CARTRIDGE LAMPS								
						GW 20 902 56 x 36 12V White	GW 20 903 56 x 36 24V White	
KEYS								
							GW 20 901 for GW 14 006 and GW 14 054 GW 30 912 for GW 14 145	

▲ = Items designated solely for export to countries outside the European Union.

COMMAND - TITANIUM VERSION

COMMAND DEVICES - SCREW TERMINALS

CHORUS
DOMESTIC RANGE

GW14001



ONE-WAY SWITCHES 1P - 250V AC

Code	Description	Type	Pack Carton
No. CHORUS MODULES: 1			
GW 14 001	1P - 16AX	General	12/96
GW 14 002	1P - 16 AX illuminable	Locating	12/24
GW 14 003	1P - 16 AX illuminable	Signalling	12/24
No. CHORUS MODULES: 1/2			
GW 14 021	1P - 10AX	General	6/24
GW 14 022	1P - 10AX illuminable	Locating	6/24
No. CHORUS MODULES: 2			
GW 14 031	1P - 16AX	General	6/24
GW 14 032	1P - 16 AX illuminable	Locating	6/24
GW 14 033	1P - 16 AX illuminable	Signalling	6/24
No. CHORUS MODULES: 3			
GW 14 041	1P - 16AX	General	4/12
GW 14 042	1P - 16 AX illuminable	Locating	4/12
GW 14 043	1P - 16 AX illuminable	Signalling	4/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.
The "signalling" articles are equipped with a neutral identification lens.

GW14004



ONE-WAY SWITCHES 2P - 250V AC

Code	Description	Type	Symbol	Pack Carton
No. CHORUS MODULES: 1				
GW 14 004	2P - 16 AX	General	0/1	12/48
GW 14 005	2P - 16 AX illuminable	Signalling		12/24
GW 14 006	2P - 10AX	With key	0/1	1/12
No. CHORUS MODULES: 2				
GW 14 034	2P - 16 AX	General	0/1	6/24
GW 14 035	2P - 16 AX illuminable	Signalling		6/24

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.
The "signalling" articles are equipped with a neutral identification lens.

NOTE: GW14006 equipped with 2 keys. Key extractable in both positions.

GW14007



ONE-WAY SWITCH 2P - 250V AC - HEAVY DUTY

Code	Description	Symbol	Pack Carton
No. CHORUS MODULES: 1			
GW 14 007	2P - 25 AX	0/1	12/24

APPLICATIONS: suitable for particular heavy-duty loads (e.g. fluorescent lamp batteries) or high-consumption devices (e.g. ovens, air-conditioners, boilers, etc.).

GW14725



ELECTRONIC RELAY FOR HEAVY DUTY LOADS - 230V AC 50/60HZ

Code	No. poles	Output contacts	Pack Carton
No. CHORUS MODULES: 2			
GW 14 725	1P	1NO 16A(AC1)/10A(AC15) 250V ac	1/2

CHARACTERISTICS: can also be commanded via the frontal push-button.

APPLICATIONS: suitable for particular heavy-duty (e.g. fluorescent lamps), discharge lamps (max. 10A) or high-consumption devices (ovens, air-conditioners, boilers, etc.).

GW14051



TWO-WAY SWITCHES - 250V AC

Code	Description	Type	Pack Carton
No. CHORUS MODULES: 1			
GW 14 051	1P - 16AX	General	12/96
GW 14 052	1P - 16 AX illuminable	Locating	12/24
GW 14 053	1P - 16 AX illuminable	Signalling	12/24
GW 14 054	1P - 10AX	With key	1/12
No. CHORUS MODULES: 1/2			
GW 14 061	1P - 10AX	General	6/24
No. CHORUS MODULES: 2			
GW 14 071	1P - 16AX	General	6/24
GW 14 072	1P - 16 AX illuminable	Locating	6/24
GW 14 073	1P - 16 AX illuminable	Signalling	6/24
No. CHORUS MODULES: 3			
GW 14 081	1P - 16AX	General	4/12
GW 14 082	1P - 16 AX illuminable	Locating	4/12
GW 14 083	1P - 16 AX illuminable	Signalling	4/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.

The "signalling" articles are equipped with a neutral identification lens.

NOTE: GW14054 equipped with 2 keys. Key extractable in both positions.

GW14091



REVERSING SWITCHES - 250V AC

Code	Description	Type	Pack Carton
No. CHORUS MODULES: 1			
GW 14 091	1P - 16AX	General	12/48
GW 14 092	1P - 16 AX illuminable	Locating	12/24
GW 14 093	1P - 16 AX illuminable	Signalling	12/24
No. CHORUS MODULES: 2			
GW 14 101	1P - 16AX	General	6/12
GW 14 102	1P - 16 AX illuminable	Locating	6/12
GW 14 103	1P - 16 AX illuminable	Signalling	6/12
No. CHORUS MODULES: 3			
GW 14 111	1P - 16AX	General	4/12
GW 14 112	1P - 16 AX illuminable	Locating	4/12
GW 14 113	1P - 16 AX illuminable	Signalling	4/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.

The "signalling" articles are equipped with a neutral identification lens.

GW14121



THREE-WAY SWITCH - 250V AC

Code	Description	Symbol	Pack Carton
No. CHORUS MODULES: 1			
GW 14 121	1P - 10AX	UP - DOWN	12/24

CHARACTERISTICS: three standing positions. Both contacts are open in central position (OFF).

APPLICATIONS: controlling circuits requiring an interlock (e.g. operating motorised devices with direction reversal).
2-user selective control.

GW14131



PUSH-BUTTONS 1P - 250V AC

Code	Description	Type	Characteristics	Symbol	Pack Carton
No. CHORUS MODULES: 1					
GW 14 131	1P NO - 16A	General			12/96
GW 14 132	1P NO - 16A illuminable	Locating			12/24
GW 14 133	1P NO - 16A illuminable	Signalling			12/24
GW 14 136	1P NO - 16A	Pull-cord			1/12
GW 14 137	1P NC - 16A	General		O red	12/24
GW 14 138	1P NC+NO - 16 A	Stop		Red	12/24
GW 14 139	1P NO+NC - 16 A	Start		Green	12/24
GW 14 140	1P NO+NO - 10A	With interlocking		UP - DOWN	12/24
GW 14 141	1P NO+1P NO - 16 A	Double			12/24
GW 14 142	1P NO - 16A	Indicator 22x22 mm	Green diffuser		12/24
GW 14 143	1P NO - 16A	Indicator 22x22 mm	Red diffuser		12/24
GW 14 144	1P NO - 16A	Indicator 22x22 mm	Opal diffuser		12/24
GW 14 151	1P NO - 16A illuminable	Signalling		Light	12/24
GW 14 152	1P NO - 16A illuminable	Signalling		Key	12/24
GW 14 153	1P NO - 16A illuminable	Signalling		Bell	12/24
No. CHORUS MODULES: 1/2					
GW 14 161	1P NO - 10A	General			6/24
GW 14 162	1P NO - 10A illuminable	Locating			6/24
No. CHORUS MODULES: 2					
GW 14 171	1P NO - 16A	General			6/24
GW 14 172	1P NO - 16A illuminable	Locating			6/24
GW 14 173	1P NO - 16A illuminable	Signalling			6/24
No. CHORUS MODULES: 3					
GW 14 181	1P NO - 16A	General			4/12
GW 14 182	1P NO - 16A illuminable	Locating			4/12
GW 14 183	1P NO - 16A illuminable	Signalling			4/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.

GW14136 Cord in insulating material, 140cm long, with red knob.

GW14140 button with mechanical interlock. In the central position (OFF), both contacts are open; advisable for activating motorised devices with direction reversal (e.g. roller-shutters, curtains, etc.)

GW14141 independent push-buttons that can also be activated simultaneously.

GW14134



PUSH-BUTTONS 2P - 250V AC

Code	Description	Type	Symbol	Pack Carton
No. CHORUS MODULES: 1				
GW 14 134	2P NO - 16A	General	O	12/24
GW 14 135	2P NO - 10A illuminable	Signalling		12/24
GW 14 145	2P NO - 10A	With key		1/12

CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included.

NOTE: GW14145 equipped with 2 keys.

GW14191



PUSH-BUTTONS WITH ILLUMINATED NAME PLATE - 250V AC

Code	Description	Lamp voltage	Lamp	Lamp power	Pack Carton
No. CHORUS MODULES: 2					
GW 14 191	1P NO - 10A	12-24V ac/dc	Cartridge lamp S6x36 mm	2 W	6/24
No. CHORUS MODULES: 3					
GW 14 192	1P NO - 10A	12-24V ac/dc	Cartridge lamp S6x36 mm	2 W	4/16

CHARACTERISTICS: lamp not included.

COMMAND DEVICES - QUICK WIRING TERMINALS

GW14031F		ONE-WAY SWITCHES 1P - 250V AC				
		Code	Description	Type	Type of terminals	
		No. CHORUS MODULES: 2				
		GW 14 031 F	1P - 16AX	General	Spring-activated	6/24
		GW 14 032 F	1P - 16 AX illuminable	Locating	Spring-activated	6/24
GW 14 033 F	1P - 16 AX illuminable	Signalling	Spring-activated	6/24		
<p>CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens.</p> <p>NOTE: spring strip, without the use of tools.</p>						
GW14034F		ONE-WAY SWITCHES 2P - 250V AC				
		Code	Description	Type	Type of terminals	
		No. CHORUS MODULES: 2				
		GW 14 034 F	2P - 16 AX	General	Spring-activated	0/1
		GW 14 035 F	2P - 16 AX illuminable	Signalling	Spring-activated	6/24
<p>CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens.</p> <p>NOTE: spring strip, without the use of tools.</p>						
GW14071F		TWO-WAY SWITCHES 1P - 250V AC				
		Code	Description	Type	Type of terminals	
		No. CHORUS MODULES: 2				
		GW 14 071 F	1P - 16AX	General	Spring-activated	6/24
		GW 14 072 F	1P - 16 AX illuminable	Locating	Spring-activated	6/24
GW 14 073 F	1P - 16 AX illuminable	Signalling	Spring-activated	6/24		
<p>CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens.</p> <p>NOTE: spring strip, without the use of tools.</p>						
GW14101F		REVERSING SWITCHES 1P - 250V AC				
		Code	Description	Type	Type of terminals	
		No. CHORUS MODULES: 2				
		GW 14 101 F	1P - 16AX	General	Spring-activated	6/12
		GW 14 102 F	1P - 16 AX illuminable	Locating	Spring-activated	6/12
GW 14 103 F	1P - 16 AX illuminable	Signalling	Spring-activated	6/12		
<p>CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens.</p> <p>NOTE: spring strip, without the use of tools.</p>						
GW14171F		PUSH-BUTTONS 1P - 250V AC				
		Code	Description	Type	Type of terminals	
		No. CHORUS MODULES: 2				
		GW 14 171 F	1P NO - 16A	General	Spring-activated	6/24
		GW 14 172 F	1P NO - 16A illuminable	Locating	Spring-activated	6/24
GW 14 173 F	1P NO - 16A illuminable	Signalling	Spring-activated	6/24		
<p>CHARACTERISTICS: the illuminable articles use miniature lamps with wired lead, not included. The "signalling" articles are equipped with a neutral identification lens.</p> <p>NOTE: spring strip, without the use of tools.</p>						
GW14160F		COMBINED COMMAND DEVICES - 250V AC				
		Code	Description	Type	Type of terminals	
		No. CHORUS MODULES: 2				
		GW 14 078 F	Twin no-way switch 1P - 16 AX	General	Spring-activated	6/24
		GW 14 159 F	Two-way switch 1P - 16 AX / Push-button 1P NO 16A	General	Spring-activated	6/24
GW 14 160 F	Twin push-button 1P NO - 16 A	UP - DOWN - STOP	Spring-activated	6/24		
<p>NOTE: spring strip, without the use of tools.</p>						

LENS WITH ILLUMINATED SYMBOL

CHORUS
DOMESTIC RANGE

GW10502



SYMBOLS FOR OPERATIONAL SIGNALLING DEVICES

Code	Symbol	Pack Carton
SUITABLE FOR: GENERAL SERVICES		
GW 10 501	Transparent	20/240
GW 10 502	Light	20/240
GW 10 503	Stair light	20/240
GW 10 504	Table light	20/240
GW 10 505	Bell	20/240
GW 10 506	Fan	20/240
GW 10 507	Key	20/240
GW 10 508	Alarm	20/240
GW 10 509	ON	20/240
GW 10 510	OFF	20/240
GW 10 511	Nurse	20/240
GW 10 512	Waitress	20/240
GW 10 513	Dimmer increase	20/240
GW 10 514	Dimmer decrease	20/240
GW 10 515	UP arrow	20/240
GW 10 516	DOWN arrow	20/240
GW 10 517	UP - DOWN arrow	20/240
GW 10 518	RIGHT - LEFT arrow	20/240
SUITABLE FOR: NUMERICAL SERVICES		
GW 10 531	One	20/240
GW 10 532	Two	20/240
GW 10 533	Three	20/240
GW 10 534	Four	20/240
GW 10 535	Five	20/240
GW 10 536	Six	20/240
GW 10 537	Seven	20/240
GW 10 538	Eight	20/240
GW 10 539	Nine	20/240
GW 10 540	Zero	20/240

NOTE: to be used in place of the neutral identification lens in signalling-type devices.

INTERCHANGEABLE BUTTON KEYS AND DIFFUSERS

GW14542



INTERCHANGEABLE BUTTON KEYS AND DIFFUSERS

Code	Symbol	Pack Carton
DESCRIPTION: KEYS 22x22 MM		
GW 14 541	General	4/48
GW 14 542	With label	4/48
GW 14 543	Key	4/48
GW 14 544	Bell	4/48
GW 14 545	Vertical arrow	4/48
GW 14 546	Horizontal arrow	4/48
DESCRIPTION: DIFFUSORS		
GW 10 547	Red	4/48
GW 10 548	Green	4/48
GW 10 549	Opal	4/48
GW 10 550	Amber	4/48

APPLICATIONS: diffusers to be used in place of those on the indicator lamps GW14142, GW14143, GW14144.

NOTE: the Chorus modular system allows the use of 22 x 22mm interchangeable button keys in place of the standard button keys fitted on the command devices GW14141, GW14142, GW14143, GW14144.

BADGE SWITCH

GW14039



UNIVERSAL BADGE SWITCH

Code	Description	Badge max width	Type	No. Chorus modules	Pack Carton
GW 14 039	1P NO - 16 AX	54 mm	Illuminable	2	1/6

CHARACTERISTICS: the product can be fitted directly in 2-module plates; with plates of a greater modularity, you are advised to use 2 blanking modules for a 1/2 module (one on the right and one on the left).

APPLICATIONS: activation of circuits and services in hotel rooms (e.g. lights, air-conditioner, fridge-bar), indication of room occupied (with badge inserted)

NOTES: badges not included. The article uses miniature lamps with wired lead, not included.

BLANKING MODULES AND CABLE OUTLET

GW14195



BLANKING MODULES

Code	Description	No. Chorus modules	Pack Carton
GW 14 195	1 gang	1	5/200
GW 14 197	1/2 gang	1/2	4/48
GW 14 198	2 gang	2	1/48
GW 14 199	3 gang	3	1/48

GW14194



CABLE OUTLET

Code	Description	No. Chorus modules	Pack Carton
GW 14 194	2 gang	2	6/48
GW 14 196	1 gang	1	1/48

NOTES: GW14196 with anti-traction cable fastener device, cables min 6mm ø, max 10mm ø.
GW14194 with anti-traction cable fastener device, cables min 4mm ø, max 10mm ø. To be installed with the cable output downwards.

MOVEMENT DETECTORS

GW14591



INFRARED MOVEMENT DETECTORS

Code	Power supply voltage	Output contacts	No. Chorus modules	Pack Carton
GW 14 591	230V ac - 50/60Hz	1NO 3A(AC1)/2A(AC15) 250V ac	1	1/4
GW 14 592	230V ac - 50/60Hz	1NO 16A(AC1)/10A(AC15) 250V ac	2	1/2

CHARACTERISTICS: duration adjustment intervention 15 sec. - 10 min. Adjustment of light-sensitive threshold 10 - 500 lux.
GW14591 sensor with fixed lens, not suitable to command fluorescent lamps directly.
GW14592, sensor with adjustable lens, possibility to command via remote NO push-buttons as well.
Suitable to fluorescent lamps control (max. 4A).
APPLICATIONS: energy-saving: command of the lighting of rooms and areas only when people pass through.
Comfort and safety: automatic command of users, without the need to use circuit breakers.
NOTE: do not install the products in watertight plates, as the membrane of the cover prevents the detector lens from working correctly.

INFRARED REMOTE CONTROL AND RECEIVER

GW12596



PORTABLE REMOTE CONTROL

Code	Power supply batteries	No. channels	Range	Pack Carton
GW 12 596	2 alkaline 1.5 V AAA-type	6	10 m	1/2

APPLICATIONS: the setting of the inner microswitch on three bands allows you to command up to 18 different receivers GW14597.
NOTE: includes support for wall-mounting. Batteries not included.

GW14597



1-CHANNEL RECEIVER

Code	Power supply voltage	Channel selector	Relay output	No. Chorus modules	Pack Carton
GW 14 597	230V ac 50/60Hz	18 positions	1NO 5A(AC1) 250V ac	1	1/4

APPLICATIONS: jogging command of ringers, electro-locks etc. (direct use, or via momentary relay GW14724).
ON-OFF command of user devices (lamps, fans, etc.) by means of a latching relay GW14721, GW14723.
Command and regulation of lights and air agitators by means of dimmers GW14568, GW14571, GW14574.

RELAY

GW14721



RELAY - 230V AC 50/60HZ

Code	Type	No. poles	Output contacts	No. Chorus modules	Pack Carton
GW 14 721	Latching relay	1P	10 AX 250V ac	1	1/12
GW 14 723	Latching relay, 4 sequences	2P	10 AX 250V ac	1	1/12
GW 14 724	Momentary relay	1P	1NO/NC 10A(AC1)/2A(AC15)250V ac	1	1/12

APPLICATIONS: GW14723GW14721, command of lighting devices from more than one point, by means of remote NO push-buttons.
Engine function/stop commands (extractors, air agitators, etc.).
GW14724 as an auxiliary element for commanding special loads, for distance signalling, for electrical separation between the command and use circuits.

GW14726



CALL RELAY - 12V AC/DC

Code	No. poles	Output contacts	No. Chorus modules	Pack Carton
GW 14 726	1P	1NO/NC 12V	1	1/12

CHARACTERISTICS: inlets for remote NO push-buttons for alarms (e.g. GW14136) and alarm reset (e.g. GW14145).

POWER TAKE-OFF - TITANIUM VERSION

SOCKET-OUTLETS - ITALIAN/GERMAN STANDARD

GW14203

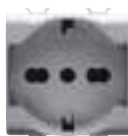


ITALIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 14 201	2P+E - 10A	P11	Ø 4 mm	1	12/96
GW 14 203	2P+E - 16A Dual amperage	P11-P17	Ø 4 / 5 mm	1	12/96

CHARACTERISTICS: with safety shields.

GW14204

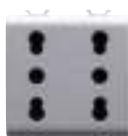


ITALIAN/GERMAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	Earth pit	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 14 204	2P+E - 16A Dual amperage	Side and central	P30-P17	Ø 4 / 4.8 / 5 mm	2	6/48
GW 14 205	2P+E - 16A	Side and central	P30	Ø 4 / 4.8 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW14208



ITALIAN STANDARD DOUBLE SOCKET-OUTLET - 250V AC

Code	Description	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 14 208	2x2P+E - 16A Dual amperage	P11-P17	Ø 4 / 5 mm	2	6/24

CHARACTERISTICS: with safety shields. The wiring is carried out via 3 terminals that power the socket-outlets, without using U-bolts.

GW14209



ITALIAN STANDARD TRIPLE SOCKET-OUTLET - 250V AC

Code	Description	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 14 209	3x2P+E - 16A Dual amperage	P11-P17	Ø 4 / 5 mm	3	4/12

CHARACTERISTICS: with safety shields. The wiring is carried out via 3 terminals that power the socket-outlets, without using U-bolts.

SOCKET-OUTLETS FOR DEDICATED LINES - ITALIAN/GERMAN STANDARD

GW10213



ITALIAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 10 213	2P+E - 16A Dual amperage	Red	P11-P17	Ø 4 / 5 mm	1	12/24
GW 10 223	2P+E - 16A Dual amperage	Green	P11-P17	Ø 4 / 5 mm	1	12/24
GW 10 233	2P+E - 16A Dual amperage	Orange	P11-P17	Ø 4 / 5 mm	1	12/24

CHARACTERISTICS: with safety shields.

GW10214



ITALIAN/GERMAN STANDARD DUAL AMPERAGE SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	Type of sockets	For plug pins	No. Chorus modules	Pack Carton
GW 10 214	2P+E - 16A Dual amperage	Red	P30-P17	Ø 4 / 4.8 / 5 mm	2	6/12
GW 10 224	2P+E - 16A Dual amperage	Green	P30-P17	Ø 4 / 4.8 / 5 mm	2	6/12
GW 10 234	2P+E - 16A Dual amperage	Orange	P30-P17	Ø 4 / 4.8 / 5 mm	2	6/12

CHARACTERISTICS: with safety shields. Pit of side and central earth contacts. Pre-arranged for housing miniature lamps with wired lead.

APPLICATIONS: possibility to indicate presence of auxiliary network.

SOCKET-OUTLETS - GERMAN STANDARD

GW14241



GERMAN STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 14 241	2P+E - 16A	Ø 4.8 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW10251



GERMAN STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 251	2P+E - 16A	Red	Ø 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields.

GW14341



GERMAN STANDARD SOCKET-OUTLET WITH FRONT TIGHTENING TERMINALS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 14 341	2P+E - 16A	Ø 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Front access terminals with screw fixing, side input of the conductors.

GW10351



GERMAN STANDARD SOCKET-OUTLET WITH FRONT TIGHTENING TERMINALS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 351	2P+E - 16A	Red	Ø 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Front access terminals with screw fixing, side input of the conductors.

GW14241F



GERMAN STANDARD SOCKET-OUTLET WITH QUICK WIRING TERMINALS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 14 241 F	2P+E - 16A	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Spring strip, without the use of tools.

GW10251F



GERMAN STANDARD SOCKET-OUTLET WITH QUICK WIRING TERMINALS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 251 F	2P+E - 16A	Red	Ø 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Spring strip, without the use of tools.

SOCKET-OUTLETS - FRENCH STANDARD (FOR EXPORT)

GW14246



FRENCH STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 14 246	2P - 16A	Ø 4 / 4.8 mm	2	1/24
GW 14 247	2P+E - 16A	Ø 4 / 4.8 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW14248



FRENCH STANDARD SOCKET-OUTLET WITH FRONT TIGHTENING TERMINALS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 14 248	2P+E - 16A	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Front access terminals with screw fixing, side input of the conductors.

GW10258



FRENCH STANDARD SOCKET-OUTLET WITH FRONT TIGHTENING TERMINALS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 258	2P+E - 16A	Red	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Front access terminals with screw fixing, side input of the conductors.
To be used in combination with plugs equipped with accessory GW10260.

GW14247F



FRENCH STANDARD SOCKET-OUTLET WITH QUICK WIRING TERMINALS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 14 247 F	2P+E - 16A	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Spring strip, without the use of tools.

GW10257F



FRENCH STANDARD SOCKET-OUTLET WITH QUICK WIRING TERMINALS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 257 F	2P+E - 16A	Red	Ø 4 / 4.8 mm	2	6/12

CHARACTERISTICS: with safety shields. Spring strip, without the use of tools.
To be used in combination with plugs equipped with accessory GW10260.

GW10260



FRENCH SOCKET-OUTLET ACCESSORY, FOR DEDICATED LINES, WITH FRONT TIGHTENING TERMINALS

Code	Colour	For sockets	Pack Carton
GW 10 260	Red	GW10257F - GW10258	10/100

CHARACTERISTICS: to be fixed directly on the 2P+E French standard plug, to avoid the incorrect insertion in allocated line circuits.

SOCKET-OUTLETS - ISRAELI STANDARD (FOR EXPORT)

GW14281



ISRAELI STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 14 281	2P+E - 16A	Ø 4 / 4,4 mm Round	2	1/24

CHARACTERISTICS: with safety shields.

GW10291



ISRAELI STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Chorus modules	Pack Carton
GW 10 291	2P+E - 16A	Red	Ø 4 / 4,4 mm Round	2	1/24

CHARACTERISTICS: with safety shields.

SOCKET-OUTLETS - INTERNATIONAL STANDARD (FOR EXPORT)

GW14286



USA STANDARD SOCKET-OUTLET - 250/125V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 14 286	2P+E - 15A	Flat parallel horizontal	1	12/48

GW14288



EURO-AMERICAN STANDARD SOCKET-OUTLETS - 250/125V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 14 287	2P - 15A	Ø 4 mm Flat	1	12/48
GW 14 288	2P+E - 15A	Ø 4 mm Flat	1	12/48

GW14296



BRITISH STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 14 296	2P+E - 13A	Flat	2	6/48
GW 14 297	2P+E - 15A	Ø 7 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW14298



INDIAN/SOUTH AFRICAN STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 14 298	2P+E - 16A	Ø 7 mm	2	6/48

CHARACTERISTICS: with safety shields.

GW14302



ARGENTINEAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 14 301	2P+E - 10A	Flat	2	6/48
GW 14 302	2P+E - 15A	Flat	2	6/48

GW14307



AUSTRALIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. Chorus modules	Pack Carton
GW 14 306	2P+E - 10A	Flat	2	6/48
GW 14 307	2P+E - 15A	Flat	2	6/48

INTERLOCKED SWITCHED SOCKET-OUTLETS

GW14311



INTERLOCKED SWITCHED SOCKET-OUTLETS WITH MINIATURE CIRCUIT BREAKER - 230V AC

Code	Description	Type of sockets	Miniature circuit breakers	Breaking capacity	No. Chorus modules	Pack Carton
GW 14 311	2P+E - 16A	P17-P11	1P+N 16A	3 kA	2	1/6
GW 14 312	2P+E - 16A	P30-P17	1P+N 16A	3 kA	3	1/4

CHARACTERISTICS: Interlocked switched socket-outlets with automatic miniature circuit breaker (C bend). Pits under tension only with plug inserted.

APPLICATIONS: suitable for installation in the system terminations to protect the load.

GW14321



INTERLOCKED SWITCHED SOCKET-OUTLETS WITH RESIDUAL MINIATURE CIRCUIT BREAKER - 230V AC

Code	Description	Type of sockets	Miniature circuit breakers	Breaking capacity	Idn	No. Chorus modules	Pack Carton
GW 14 321	2P+E - 16A	P17-P11	1P+N 16A	3 kA	10 mA	3	1/4
GW 14 322	2P+E - 16A	P30-P17	1P+N 16A	3 kA	10 mA	4	1/2

CHARACTERISTICS: Interlocked switched socket-outlets with automatic miniature circuit breaker (C bend) and residual current circuit breaker (type A). Pits under tension only with plug inserted.

APPLICATIONS: suitable for installation in the system terminations to protect the load.

SHAVER SOCKET-OUTLET

GW14331



EURO-AMERICAN STANDARD SHAVER SOCKET-OUTLET WITH INSULATION TRANSFORMER

Code	Power supply voltage	For plug pins	Selectable output voltage	Maximum power	No. Chorus modules	Pack Carton
GW 14 331	230V ac - 50/60 Hz	Ø 4 / 5 - 6.3x1.5 mm	120-230V ac	20 VA	3	1/2

CHARACTERISTICS: the socket-outlet is equipped with a self-protection device against overloading.

The output voltage should be selected correctly, consulting the rating of the user device before inserting the plug.

The special signalling LED allows you to identify the chosen voltage.

SIGNAL TAKE-OFF - TITANIUM VERSION

TV-SAT SOCKET-OUTLETS

GW14361



COAXIAL TV SOCKETS (5-2400 MHZ), CLASS A SHIELDING - MALE IEC CONNECTOR Ø 9.5 MM

Code	Description	Type	Attenuation	No. Chorus modules	Pack Carton
GW 14 361	Direct	With passage of current	0 dB	1	1/48
GW 14 362	Feedthrough		5 dB	1	1/24
GW 14 363	Feedthrough		10 dB	1	1/24
GW 14 364	Feedthrough		14 dB	1	1/24
GW 14 365	Feedthrough		18 dB	1	1/24
GW 14 366	Feedthrough		22 dB	1	1/24
GW 20 277	Terminal resistance 75ohm				50/200

CHARACTERISTICS: GW20277 allows you to make terminal socket-outlets in combination with feedthrough-type socket-outlets.

APPLICATIONS: socket-outlets suitable for return trunking.

NOTES: the TV 5 dB GW14362 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user door (socket-outlet towards the user device) must always be closed with a load of 75 ohm (TV, video-player, SAT receiver, or termination of 75 ohm).

Feedthrough socket-outlets are equipped with protection against electrical shock Art.9.14 IEC EN 50083-1.

GW14371



COAXIAL TV-SAT SOCKET-OUTLETS CLASS A SHIELDING - FEMALE F CONNECTOR

Code	Description	Type	Attenuation	No. Chorus modules	Pack Carton
GW 14 371	Direct	With passage of current	0 dB	1	1/48
GW 14 372	Feedthrough		5 dB	1	1/24
GW 14 373	Feedthrough		10 dB	1	1/24
GW 14 374	Feedthrough		14 dB	1	1/24
GW 14 375	Feedthrough		18 dB	1	1/24
GW 14 376	Feedthrough		22 dB	1	1/24
GW 20 277	Terminal resistance 75ohm				50/200

CHARACTERISTICS: GW14371 allows the passage of voltage/current of remote power supply and/or control signals towards the user door (max 24V - 500mA). GW20277 allows you to make terminal sockets in combination with feedthrough type socket-outlets.

APPLICATIONS: socket-outlets suitable for return trunking.

NOTES: the TV - SAT 5 dB GW14372 coaxial socket-outlet is defined with conditional use: it is a special feedthrough socket-outlet, and must be used as such, with the only difference that the user door (socket-outlet towards the user device) must always be closed with a load of 75 ohm (TV, video-player, SAT receiver, or termination of 75 ohm).

Feedthrough socket-outlets are equipped with protection against electrical shock Art.9.14 IEC EN 50083-1.

GW14382



TV-FM-SAT SOCKET-OUTLETS

Code	Connectors	Description	Attenuation	No. Chorus modules	Pack Carton
GW 14 381	TV-FM	Direct	0 dB	2	1/24
GW 14 382	TV-FM-SAT	Direct	0 dB	2	1/24
GW 14 383	TV-SAT	Direct	0 dB	2	1/24

CHARACTERISTICS: TV-FM direct co-axial socket-outlet GW14381, male IEC-type TV connector ø 9.5mm, and female IEC-type FM connector ø 9.5 mm.

TV-FM-SAT direct co-axial socket-outlet GW14382 with male IEC-type TV connector ø 9.5mm, female IEC-type FM connector ø 9.5mm, and female F-type SAT connector.

TV-SAT direct co-axial socket-outlet GW14383 with TV connector type IEC male ø 9.5mm and SAT connector type F female.

NOTES: demixed socket-outlets with input for co-axial cable ø 5mm or 7mm.

GW14386



UNIVERSAL SUPPORTS FOR COMBINED TV-SAT-R SOCKET-OUTLETS

Code	Description	No. holes	Pack Carton
GW 14 386	For TV-R base	2	1/24
GW 14 387	For TV/R-SAT base	2	1/24

APPLICATIONS: suitable for integration on the Chorus range of TV-SAT-R standard bases available on the market.

ACCESSORIES SUPPLIED: fixing screws.

TELEPHONE JACKS

Code	Description	Type	Connection	INTERNATIONAL STANDARD TELEPHONE JACKS	
				No. Chorus modules	Pack Carton
GW 14 401	RJ11		Toolless	1	1/24
GW 14 402	RJ11	In out	Impact tool	1	1/24
GW 14 403	RJ11	Double	Impact tool	1	1/24
GW 14 404	RJ12		Toolless	1	1/24

CHARACTERISTICS: insulator displacement connection. GW14402 connector with double terminal board (input and output) to facilitate the cutout of a second line.

APPLICATIONS: RJ11: telephone, telefax, modem. RJ12: intercommunicating internal systems.

DOUBLE CONNECTOR WITH ADSL FILTER				
Code	Description		No. Chorus modules	Pack Carton
GW 14 410	ADSL filter with RJ11 dual S.-outlet for telephone/modem		2	1/24

CHARACTERISTICS: BUS-type rear terminal for connecting up to 4 cables. Built-in ADSL filter.

APPLICATIONS: to be used for the simultaneous connection of telephone devices and modem/PC.

FRENCH STANDARD TELEPHONE JACK				
Code	Description	Connection	No. Chorus modules	Pack Carton
GW 14 405	8 contacts	Screw terminals	1	1/24

ISRAELI STANDARD TELEPHONE JACK				
Code	Description	Connection	No. Chorus modules	Pack Carton
GW 14 406	6 contacts	Screw terminals	1	1/24

CONNECTORS FOR STRUCTURED WIRING

RJ45 CONNECTORS							
Code	Description	Number pairs	Category	Cables	Connection	No. Chorus modules	Pack Carton
GW 14 421	RJ45	4	5e	UTP	Toolless	1	1/24
GW 14 422	RJ45	4	5e	FTP	Toolless	1	1/24
GW 14 423	RJ45	4	6	UTP	Toolless	1	1/24
GW 14 424	RJ45	4	6	FTP	Toolless	1	1/24

APPLICATIONS: LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e.

LANs up to 250MHz (e.g. videoconference systems, CCTV) for cat.6.

NOTES: circuit identification label included.

EMPTY CONTAINERS FOR HOUSING RJ45 DATA CONNECTORS				
Code	For connector type		No. Chorus modules	Pack Carton
GW 14 431	Keystone Jack		1	1/48

USB BUSH				
Code	Description		No. Chorus modules	Pack Carton
GW 14 457	USB Bush		1	1/24

CHARACTERISTICS: A-type USB adapter, female - female: given the depth of the USB connector, it is not possible to install the GW14457 product inside conventional flush-mounting and surface-mounting boxes.

BUSHES IN OPTICAL FIBRE				
Code	Description	Type	No. Chorus modules	Pack Carton
GW 14 425	O.F. ST Bush	Bush duplex 50/125u	1	1/24
GW 14 426	O.F. SC Bush	Bush duplex 50/125u	1	1/24
GW 14 427	O.F. MT-RJ Bush	Bush duplex 50/125u	1	1/24

CHARACTERISTICS: precise joint and signal transmission, without any attenuation. GW14425 ST bayonet connection,

GW14426 SC coupling connection, GW14427/MT-RJ coupling connection.

CONNECTORS FOR CONVENTIONAL NETWORKS

GW14443



CONNECTORS FOR CONVENTIONAL NETWORKS				
Code	Description	Connection	No. Chorus modules	Pack Carton
GW 14 441	SUB-D 9 contacts	Weld-in	2	1/12
GW 14 442	SUB-D 15 contacts	Weld-in	2	1/12
GW 14 443	SUB-D 25 contacts	Weld-in	3	1/16
GW 14 445	BNC50/75/93Ohm cableRG58/59/62	Weld-in	1	1/12

CHARACTERISTICS: GW14445, BNC 50 Ohm (Ethernet networks); BNC 75/93 Ohm (video control systems, terminal connections)

APPLICATIONS: SUB-D connectors suitable for point-point connections for interfacing computers, peripheral devices, modems, etc.

NOTES: circuit identification label included.

SOCKET-OUTLETS FOR AUXILIARY CIRCUITS

GW14451



SELV SOCKET-OUTLETS					
Code	Description	For plug pins	Centre distance	No. Chorus modules	Pack Carton
GW 14 451	2P - 6A - 24V	Ø 3 mm	12.4 mm	1	12/24
GW 14 452	2P - 6A - 24V polarised	flat	12.4 mm	1	12/24

AUDIO AND VIDEO CONNECTORS

GW14453



AUDIO AND VIDEO CONNECTORS				
Code	Description	No. Chorus modules	Pack Carton	
GW 14 453	Double RCA	1	1/24	
GW 14 454	Phonic circuits	1	1/24	
GW 14 446	F female Coupling connector	1	1/12	
GW 14 456	HDMI Bush	1	1/24	
GW 14 458	Speaker connector	1	1/24	

CHARACTERISTICS: GW14453 double RCA stud connector, red and white, weld-in connection.

GW14454, welding connection.

GW14446 input and output connection via F-type male connector.

PROTECTION - TITANIUM VERSION

AUTOMATIC CIRCUIT BREAKERS

GW14463



AUTOMATIC MINIATURE CIRCUIT BREAKERS - 230V AC

Code	Description	Nominal current (A)	Breaking capacity	No. Chorus modules	Pack Carton
GW 14 461	Unipolar (1P)	6	3 kA	1	1/12
GW 14 462	Unipolar (1P)	10	3 kA	1	1/12
GW 14 463	Unipolar (1P)	16	3 kA	1	1/12
GW 14 466	Bipolar (1P+N)	6	3 kA	1	1/12
GW 14 467	Bipolar (1P+N)	10	3 kA	1	1/12
GW 14 468	Bipolar (1P+N)	16	3 kA	1	1/12

CHARACTERISTICS: miniature circuit breakers C bend.

APPLICATIONS: installation together with the miniature circuit breakers used, in the house enclosure, to distinguish the different lines while respecting the selectivity.

GW14488



RESIDUAL MINIATURE CIRCUIT BREAKERS - 230V AC

Code	Description	Nominal current (A)	Breaking capacity	I _{dn}	No. Chorus modules	Pack Carton
GW 14 482	Bipolar (1P+N)	6	3 kA	10 mA	2	1/6
GW 14 483	Bipolar (1P+N)	6	3 kA	30 mA	2	1/6
GW 14 485	Bipolar (1P+N)	10	3 kA	10 mA	2	1/6
GW 14 486	Bipolar (1P+N)	10	3 kA	30 mA	2	1/6
GW 14 488	Bipolar (1P+N)	16	3 kA	10 mA	2	1/6
GW 14 489	Bipolar (1P+N)	16	3 kA	30 mA	2	1/6

CHARACTERISTICS: miniature circuit breakers C bend, A-type residual current devices.

APPLICATIONS: installation together with the miniature circuit breakers and residual miniature circuit breakers used, in the house enclosure, to distinguish the different lines while respecting the selectivity.

PROTECTION DEVICES

GW14491



FUSE HOLDER - 250V AC

Code	Max nominal current (A)	Fuses	No. Chorus modules	Pack Carton
GW 14 491	16	Ø 6.3x32 mm	1	1/12

CHARACTERISTICS: fuse not included.

GW14492



OVERVOLTAGE LIMITER - 230V AC

Code	U _c	U _p	No. Chorus modules	Pack Carton
GW 14 492	275V ac 50/60Hz	1KV	1	1/12

CHARACTERISTICS: green LED for status signalling.

APPLICATIONS: protection for electronic devices (TV, Hi-Fi, computer, etc.) from overvoltage of atmospheric origin, or manoeuvres, that could be channelled by the power supply lines.

SIGNALLING - TITANIUM VERSION

INDICATOR LIGHT DEVICES

GW14644



SINGLE INDICATOR LAMPS - 1/2 MODULE

Code	Diffuser colour	Colour meaning	Signalling unit	No. Chorus modules	Pack Carton
GW 14 641	Opal	Neutral	With wired lead	1/2	2/48
GW 14 642	Green	Safety	With wired lead	1/2	2/48
GW 14 643	Red	Danger	With wired lead	1/2	2/48
GW 14 644	Amber	Attention	With wired lead	1/2	2/48

CHARACTERISTICS: signalling unit not included.

APPLICATIONS: the importance of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.

GW14622



SINGLE INDICATOR LAMPS - 1 MODULE

Code	Diffuser colour	Colour meaning	Signalling unit	No. Chorus modules	Pack Carton
GW 14 621	Opal	Neutral	With wired lead	1	1/24
GW 14 622	Green	Safety	With wired lead	1	1/24
GW 14 623	Red	Danger	With wired lead	1	1/24
GW 14 624	Amber	Attention	With wired lead	1	1/24

CHARACTERISTICS: signalling unit not included.

APPLICATIONS: the importance of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.

GW14629



DOUBLE INDICATOR LAMPS - 1 MODULE

Code	Diffuser colour	Signalling unit	No. Chorus modules	Pack Carton
GW 14 628	Opal	With wired lead	1	1/24
GW 14 629	Red/green	With wired lead	1	1/24

CHARACTERISTICS: signalling unit not included.

APPLICATIONS: the importance of the diffusers refers to the recommendations of standard EN60073 with regard to the use of the colours in indicator lights.

GW14633



PROTRUDING INDICATOR LAMPS

Code	Power supply voltage	Diffuser colour	Lamp	No. Chorus modules	Pack Carton
GW 14 631	12V ac/dc - 230V ac 50/60 Hz	Opal	Led	2	1/24
GW 14 632	12V ac/dc - 230V ac 50/60 Hz	Green	Led	2	1/24
GW 14 633	12V ac/dc - 230V ac 50/60 Hz	Red	Led	2	1/24
GW 14 634	12V ac/dc - 230V ac 50/60 Hz	Amber	Led	2	1/24

CHARACTERISTICS: highly efficient LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

APPLICATIONS: suitable for special applications such as the signalling of calls from hospital wards.

NOTE: complete with lamp.

GW14656



STAIR RISER LAMP

Code	Power supply voltage	Diffuser colour	Lamp	No. Chorus modules	Pack Carton
GW 14 651	12V ac/dc - 230V ac 50/60 Hz	Opal	Led	2	1/24
GW 14 656	12V ac/dc - 230V ac 50/60 Hz	Opal	Led	4	1/2

CHARACTERISTICS: highly efficient LED, powered at 12V ac/dc - 230V ac with double power supply inlet.

ANTI BLACK-OUT AND EMERGENCY LAMPS

GW14661



EXTRACTABLE ANTI BLACK-OUT LAMP

Code	Power supply voltage	Power supply batteries	Minimum autonomy	Lamp	Pack Carton
GW 14 661	230V ac - 50/60 Hz	Ni - Mh	2 h	Led	1/6

CHARACTERISTICS: equipped with a 3-position selector on the front panel, for emergency, inhibition and night functioning. To be inserted in any socket-outlet of the Italian, German or French type. Highly efficient, white LED lamp.

GW14662



ANTI BLACK-OUT LAMP

Code	Power supply voltage	Power supply batteries	Minimum autonomy	Lamp	No. Chorus modules	Pack Carton
GW 14 662	230V ac - 50/60 Hz	Ni - Mh	1 h	Led	1	1/12

CHARACTERISTICS: green LED to indicate mains presence. Highly efficient, white LED lamp.

GW14666



AUTONOMOUS EMERGENCY LAMP

Code	Power supply voltage	Power supply batteries	Minimum autonomy	Lamp	No. Chorus modules	Pack Carton
GW 14 666	230V ac - 50/60 Hz	Ni - Mh	1 h	Led	4	1/2

CHARACTERISTICS: green LED to indicate mains presence. Highly efficient, white LED lamp.

ACOUSTIC SIGNALLING DEVICES

GW14601



RINGERS

Code	Power supply voltage	Max power consumption	Sound intensity	No. Chorus modules	Pack Carton
GW 14 601	12V ac - 50 Hz	8 VA	80 dB (at 1 m)	1	1/24
GW 14 602	230V ac - 50 Hz	8 VA	80 dB (at 1 m)	1	1/24

GW14606



BUZZERS

Code	Power supply voltage	Max power consumption	Sound intensity	No. Chorus modules	Pack Carton
GW 14 606	12V ac - 50 Hz	8 VA	70 dB (at 1 m)	1	1/24
GW 14 607	230V ac - 50 Hz	8 VA	70 dB (at 1 m)	1	1/24

GW14611



RINGERS - THREE INDEPENDENT INPUTS

Code	Power supply voltage	Max power consumption	Sound intensity	No. Chorus modules	Pack Carton
GW 14 611	12V ac/dc	6 VA	80 dB (at 1 m)	2	1/6
GW 14 612	230V ac - 50 Hz	6 VA	80 dB (at 1 m)	2	1/6

CHARACTERISTICS: adjustable sound intensity.

APPLICATIONS: with a single device, it is possible to combine the functions of external and internal calls, and alarm.

ENERGY, TEMPERATURE AND COMFORT MANAGEMENT - TITANIUM VERSION

CLOCK, ALARM, THERMOMETER



GW14708

CLOCK - ALARM - THERMOMETER

Code	Power supply voltage	Max. no daily alarms	Sound intensity	Measurement temperature	No. Chorus modules	Pack Carton
GW 14 708	230V ac - 50/60 Hz	2	72 dB (at 1 m)	From 0°C to +45°C	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.

TIMER DEVICES



GW14581

ELECTRONIC DAILY/WEEKLY TIMER, 1-CHANNEL

Code	Power supply voltage	Output contacts	No. Chorus modules	Pack Carton
GW 14 581	230V ac - 50/60 Hz	1NO/NC 8A(AC1)/4A(AC15)250V ac	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout. Serial input for connecting the GSM remote control GW90821.



GW14582

TIMERS

Code	Power supply voltage	Type	Output contacts	No. Chorus modules	Pack Carton
GW 14 582	230V ac - 50/60 Hz	Relay	1NO 16A(AC1)/4A(AC15)250V ac	2	1/2
GW 14 583	230V ac - 50/60 Hz	Electronic	1NO 2A(AC1) 250V ac	1	1/2

CHARACTERISTICS: possibility to command by means of remote control push-buttons, with NO contact.

NOTE: GW14583 not suitable for directly commanding fluorescent lamps.

GW14582 suitable to fluorescent lamps control (max. 4A).

TEMPERATURE CONTROL DEVICES



GW14703

TIMED THERMOSTAT - DAILY-WEEKLY PROGRAMMING

Code	Power supply voltage	Temperature adjustment	Output contacts	No. Chorus modules	Pack Carton
GW 14 703	230V ac - 50/60 Hz	From +5°C to +40°C	1NO/NC 5A(AC1)/2A(AC15)250V ac	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.

Serial input for connection of GSM repeater GW90821.



GW14701

WALL-MOUNTING TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING - BATTERY-POWERED

Code	Temperature adjustment	Colour	Output contacts	Dimensions LxHxD (mm)	Pack Carton
GW 10 701	From +5°C to +40°C	White	1NO/NC 5A(AC1)/2A(AC15)250V ac	130x92x23 mm	1/2
GW 14 701	From +5°C to +40°C	Titanium	1NO/NC 5A(AC1)/2A(AC15)250V ac	130x92x23 mm	1/2

CHARACTERISTICS: powered with 3 alkaline 1.5V batteries (AAA), not included. Average battery duration: 1 year.

Automatic energy saving and comfort function; serial input for connection of GSM repeater GW90821.

Kit for wall-mounting, containing: two strips of double-sided adhesive tape, two ø 6mm wall plugs with screws.



GW14705

THERMOSTAT

Code	Power supply voltage	Temperature adjustment	Output contacts	No. Chorus modules	Pack Carton
GW 14 705	230V ac - 50/60 Hz	From +5°C to +35°C	1NO/NC 8A(AC1) 250V ac	2	1/2

CHARACTERISTICS: choice of working mode by means of selector located on the front: summer (air-conditioner), OFF, winter (boiler).

Two-colour front LED to signal the output status (open/closed contact). The lighting up of the LED also indicates the presence of the network.

DIMMER



GW14561

ELECTRONIC, ROTATING COMMAND REGULATORS FOR RESISTIVE/INDUCTIVE LOADS

Code	Power supply voltage	Resistive load 230V ac	Inductive load 230V ac	Command	No. Chorus modules	Pack Carton
GW 14 561	230V ac - 50/60 Hz	100 - 500 W		Rotative	1	1/12
GW 14 564	230V ac - 50/60 Hz	100 - 900 W	40 - 300 VA	Rotative	1	1/12
GW 14 567	230V ac - 50/60 Hz	100 - 500 W	100 - 500VA	Rotative with two-way switch	1	1/12

CHARACTERISTICS: GW14564 item intended exclusively for exportation to countries outside the European Union.

NOTE: to avoid overheating, you are advised not to install many products side-by-side in a single enclosure: insert a blanking module between two electronic devices.



GW14568

ELECTRONIC, BUTTON COMMAND REGULATOR FOR RESISTIVE/INDUCTIVE LOADS

Code	Power supply voltage	Resistive load 230V ac	Inductive load 230V ac	Command	No. Chorus modules	Pack Carton
GW 14 568	230V ac - 50 Hz	60 - 500 W	60 - 500 VA	Push-button	1	1/12

CHARACTERISTICS: possibility to command and regulate by means of remote control push-buttons, with NO contact.

NOTE: to avoid overheating, you are advised not to install many products side-by-side in a single enclosure: insert a blanking module between two electronic devices.

GW14571



ELECTRONIC, BUTTON COMMAND REGULATOR FOR ELECTRONIC TRANSFORMERS

Code	Power supply voltage	Resistive load 230V ac	Inductive load 230V ac	Command	No. Chorus modules	Pack Carton
GW 14 571	230V ac - 50/60 Hz	40 - 300 W	40 - 300 VA	Push-button	1	1/12

CHARACTERISTICS: possibility to command and regulate by means of remote control push-buttons, with NO contact. Extremely silent item.

NOTE: to avoid overheating, you are advised not to install many products side-by-side in a single enclosure: insert a blanking module between two electronic devices.

GW14574



ELECTRONIC, BUTTON COMMAND REGULATOR FOR AIR AGITATORS

Code	Power supply voltage	Load 230V ac	Command	No. Chorus modules	Pack Carton
GW 14 574	230V ac - 50 Hz	55-80 VA	Push-button	1	1/12

CHARACTERISTICS: possibility to command and regulate at fixed steps, also by means of remote control push-buttons, with NO contact.

APPLICATIONS: suitable for regulating air agitators, fans and extractors with induction motors.

NOTE: to avoid overheating, you are advised not to install many products side-by-side in a single enclosure: insert a blanking module between two electronic devices.

SOFT-TOUCH COMMANDS

GW14901



SOFT-TOUCH SWITCH

Code	Power supply voltage	Resistive load	Inductive load	No. Chorus modules	Pack Carton
GW 14 901	230V ac - 50 Hz	20 - 500 W	20 - 500 VA	1	1/12

CHARACTERISTICS: possibility to command also from remote push-buttons and from the touch sensitive repeaters GW10903, GW12903, GW14903.

NOTES: suitable for incandescent lamps, toroidal / lamellar / electronic transformers, fluorescent lamps (max. 100W). The device must be protected by a fuse of high breaking capacity, positioned on the power supply line.

GW14902



SOFT-TOUCH DIMMER

Code	Power supply voltage	Resistive load	Inductive load	No. Chorus modules	Pack Carton
GW 14 902	230V ac - 50 Hz	40 - 500 W	40 - 300 VA	1	1/12

CHARACTERISTICS: possibility to command and adjust also from remote push-buttons and from the touch sensitive repeaters GW10903, GW12903, GW14903.

NOTES: suitable for incandescent and halogen lamps, toroidal and lamellar transformers.

The device must be protected by a fuse of high breaking capacity, positioned on the power supply line.

GW14903



SOFT-TOUCH REPEATER

Code	Power supply voltage	No. Chorus modules	Pack Carton
GW 14 903	230V ac - 50 Hz	1	1/12

CHARACTERISTICS: the repeater acts as a NO push-button. The device works exclusively in combination with the touch-operated one-way switches GW10901, GW12901, GW14901 and with the touch-operated dimmers GW10902, GW12902, GW14902.

ELECTRONIC PUSH-BUTTONS

GW14912



ELECTRONIC PUSH-BUTTON

Code	Power supply voltage	Type of use	No. Chorus modules	Pack Carton
GW 14 912	230V ac - 50/60Hz	Relay, dimmer	1	1/12

CHARACTERISTICS: push-button for controlling bistable relays, electronic one-way switches for heavy duty loads, or dimmers with a remote control input. Equipped with amber localisation LED. Contact capacity 4A (AC1).

GW14913



ELECTRONIC PUSH-BUTTON FOR BUS INPUTS

Code	Type of contact	Type of use	No. Chorus modules	Pack Carton
GW 14 913	Potential-free	BUS contacts interfaces	1	1/12

CHARACTERISTICS: push-button for BUS inputs, suitable for KNX BUS contact interface connections (e.g. GW90721, GW90834, etc.). Equipped with amber/green 2-colour LED with colour selector (can be set up to work as a night-time localisation lamp or to indicate the load status).

GW14914



DOUBLE ELECTRONIC PUSH-BUTTON

Code	Type of contact	No. Chorus modules	Pack Carton
GW 14 914	Dual, potential-free and with interlock	1	1/12

CHARACTERISTICS: double push-button suitable for connecting KNX BUS contact interfaces (ex: GW90721, GW90834, etc.) or electronic control panels for moving roller shutters.

TECHNICAL ALARMS - TITANIUM VERSION

GAS DETECTORS

GW14711



LPG DETECTOR

Code	Power supply voltage	Alarm threshold	Output contacts	No. Chorus modules	Pack Carton
GW 14 711	12V ac/dc	9% LIE	1NO/NC 10A(NO)/3A(NC)250V ac	2	1/2

CHARACTERISTICS: relay output for the automatic command of the gas interception solenoid valve with manual reset GW30522. Sound intensity: 85 dB at 1m.

NOTES: owing to the particular thermal sensitivity of the LPG sensor, you are advised to keep the LPG detector far from the power supply GW14719 with a 1-module blanking module GW14195.

GW14712



METHANE GAS DETECTOR

Code	Power supply voltage	Alarm threshold	Output contacts	No. Chorus modules	Pack Carton
GW 14 712	12V ac/dc	9% LIE	1NO/NC 10A(NO)/3A(NC)250V ac	2	1/2

CHARACTERISTICS: relay output for the automatic command of the gas interception solenoid valve (manual reset) GW30522. Sound intensity: 85 dB at 1m.

ANTI-FLOOD SYSTEM WITH WIRELESS TRANSMISSION

GW14716



WATER DETECTOR

Code	Power supply voltage	Output contacts	No. Chorus modules	Pack Carton
GW 14 716	12V ac/dc	1NO/NC5A(AC1)/3A(AC15)250Vac	2	1/2

CHARACTERISTICS: sound intensity: 70 dB at 1m.

NOTE: to be used exclusively with the water sensor GW12718. A maximum of 5 water sensors can be connected to each detector.

GW12718



WATER SENSOR

Code	Power supply voltage	Range in free field	Dimension LxHxD(mm)	Pack Carton
GW 12 718	9V battery	50 m	74x88x45,5	1/2

NOTE: to be used exclusively with the water detector GW14716. The connection with the water detector is wireless.

Equipped with wall plugs, screws and double-sided adhesive tape for wall-mounting.

ACCESSORIES

GW14719



POWER SUPPLY UNIT

Code	Primary voltage	Secondary output	Rated power suppliable	No. Chorus modules	Pack Carton
GW 14 719	230V ac - 50/60 Hz	12V dc	2 VA	1	1/4

APPLICATIONS: to be used for powering the detectors GW14711, GW14712, GW14716.

REMOTE CONTROLS

REMOTE CONTROLS

GW90821



GSM REMOTE CONTROL WITH I/O AND SERIAL LINE - DIN RAIL MOUNTING

Code	Power supply voltage	No. inputs	No. outputs	Output contacts	No. DIN modules	Pack Carton
GW 90 821	230V ac - 50/60 Hz	2	2	2 NO 10A(AC1) 250V ac	6	1

CHARACTERISTICS: via the GSM network (for example from a mobile phone) or text messages, the device allows you to command general loads, by means of the two output contacts. It is also possible to transmit status information deriving from devices connected to the repeater by means of the two input contacts (via text messages or to a specified telephone number).

The module has a serial connection line towards programmers, flush-mounting and wall mounting timed thermostats (relay and single-direction wireless), which allows it to be managed from a distance, via text messages. Using a computer (USB gate), it is possible to set the outgoing messages and the telephone numbers to be used for calls.

NOTES: the module is fitted with a GSM antenna, and has the possibility of an optional backup power supply using batteries (3 x AAA rechargeable), not included. The configuration software can be downloaded from the page relating to the product on the website www.gewiss.com.

GW90822



GSM REMOTE CONTROL INTERFACE - RF COMMAND AND CONTROL - DIN RAIL MOUNTING

Code	RF range in free field	No. RF transm. channels	No. RF reception channels	No. two-way channels	No. DIN modules	Pack Carton
GW 90 822	100 m	5	2	1	1	1

CHARACTERISTICS: the information channels can be used to communicate with RF actuators GW14821, GW14822, GW14823.

The reception channels can be used for communication from: 2-channel input module GW14813, RF push-button panels (1-4 channels), IR sensor GW14811, and remote control GW20963. The two-way channel can only be used with the RF two-way timed thermostats GW14851 and GW10851.

NOTE: item to be used only with the repeater GW90821, from which it receives the power supply via the row connection (flat-cable).

GW90823



GSM REMOTE CONTROL INTERFACE - RF BURGLAR ALARM DEVICE - DIN RAIL MOUNTING

Code	RF range in free field	No. DIN modules	Pack Carton
GW 90 823	100 m	3	1

CHARACTERISTICS: the module has the possibility of a backup power supply using a rechargeable 9V battery (included). The product allows the interfacing with the RF burglar alarm system, with command functions (activation, deactivation, slicing) and system status signalling functions (insertion status, anomalies, alarms, tampering) via text messages.

NOTE: item to be used only with the repeater GW90821, from which it receives the power supply via the row connection (flat-cable).

ACCESSORIES

SIGNALLING UNIT

GW10881



MINIATURE LAMPS WITH WIRED LEAD AND LED LAMP

Code	Lamp voltage	Lamp	Colour	Lamp power	Cable Colour	Pack Carton
GW 10 881	230V ac - 50/60 Hz	Led	Blue	0.6 W	Blue	50
GW 10 882	230V ac - 50/60 Hz	Led	White	0.6 W	White	50
GW 10 883	230V ac - 50/60 Hz	Led	Red	0.6 W	Red	50
GW 10 884	230V ac - 50/60 Hz	Led	Green	0.6 W	Green	50
GW 10 885	230V ac - 50/60 Hz	Led	Amber	0.6 W	Orange	50

NOTE: the miniature lamps with wired lead are equipped with power cables.

GW10894



MINIATURE LAMPS WITH WIRED LEAD AND LED LAMP - 12/24V

Code	Lamp voltage	Lamp	Colour	Lamp power	Cable Colour	Pack Carton
GW 10 894	12-24V ac/dc	Led	White	0.6 W	White	50

NOTE: the miniature lamps with wired lead are equipped with power cables.

GW20902



CARTRIDGE LAMPS

Code	Lamp voltage	Lamp	Colour	Lamp power	Dimensions (mm)	Pack Carton
GW 20 902	12V ac/dc	Incandescence	White	2 W	56x36	50
GW 20 903	24V ac/dc	Incandescence	White	2 W	56x36	50

ACCESSORIES

GW30912



SET OF 2 KEYS FOR CHORUS COMMAND DEVICES

Code	Suitable for	Pack Carton
GW 20 901	GW14006 GW14054	1/100
GW 30 912	GW14145	1/100

Chorus Home Automation

KNX - Easy BUS

KNX Easy protocol BUS system, according to EN50090 European Standard for Home Automation.

- Simplified programming that does not require a PC.
- Portable solution, thanks to the wireless connection with the KNX BUS.
- Configuration using PDA with intuitive graphic interface.



SYSTEM COMPONENTS

CONFIGURATOR



GW 90 838
Easy configuration kit



GW 90 840
Easy configuration software for PC

COMPLEMENTARY ITEMS



GW 90 708
Line/field coupler

POWER SUPPLIES



GW 90 709
Self-protected electronic power supply
320mA 110/240V ac
50/60Hz



GW 90 710
Self-protected electronic power supply
640mA 110/240V ac
50/60Hz

COMMAND AND VISUALISATION SUPERVISION

COMMAND PANELS



Easy command and visualisation panel
230V ac - 50/60Hz

GW 12 771 TB Milk white
GW 12 771 VT Titanium
GW 12 771 VA Slate

REMOTE CONTROL

REMOTE CONTROLS



GW 90 861
Easy GSM remote control
230V ac - 50/60Hz

INPUTS

BINARY INPUTS



GW 90 834
Easy 4-channel contacts interface

ELECTRONIC PUSH-BUTTONS



Push-button for
BUS inputs
NO - 1M

GW 10 913 White
GW 12 913 Black
GW 14 913 Titanium



Double push-button
NO+NO - 1M - 1P
With interlock

GW 10 914 White
GW 12 914 Black
GW 14 914 Titanium

PUSH-BUTTON PANELS



Easy 4-channel push-button panel

GW 10 752 White
GW 12 752 Black
GW 14 752 Titanium

COMPLEMENTARY ITEMS



LED signalling unit 3V DC

GW 10 898 Red
GW 10 899 Green



Blanking module for housing
4-channel contacts interface

GW 10 751 White
GW 12 751 Black
GW 14 751 Titanium

RF RECEIVER



Easy 8-channel RF receiver

GW 10 776 White
GW 12 776 Black
GW 14 776 Titanium

SENSORS

MOVEMENT



GW 10 756 White
GW 12 756 Black
GW 14 756 Titanium

Easy IR movement detector with twilight sensor

WEATHER



GW 90 769
Wind sensor for GW 90 770 wind sensor interface



GW 90 770
Wind sensor interface for Easy/KNX 4-channel contacts interface
230V ac - 50/60Hz

OUTPUTS

GENERAL LOADS



GW 10 766 White
GW 12 766 Black
GW 14 766 Titanium

Easy 1-channel actuator 1NO/NC - 16A
230V ac - 50/60Hz



GW 90 836
Easy 4-channel actuator 4NO - 16A
230V ac - 50/60Hz

SHUTTER COMMAND



GW 10 767 White
GW 12 767 Black
GW 14 767 Titanium

Easy 1-channel roller shutter actuator 2NO - 6A
230V ac - 50/60Hz



GW 90 851
Easy 2-channel roller shutter actuator - 6A
230V ac - 50/60Hz



GW 90 852
Easy 4-channel roller shutter actuator - 6A
230V ac - 50/60Hz

DIMMERS



GW 90 844
Res. 40-500W Ind. 40-500VA
Easy 1-channel dimmer
230V ac - 50Hz



GW 90 845
For electronic transformers 40-500VA
Easy 1-channel dimmer
230V ac - 50Hz

TEMPERATURE ADJUSTMENT

CLIMATE CONTROL



GW 10 761 White
GW 14 761 Titanium

Easy wall-mounting timed thermostat



GW 10 763 White
GW 14 763 Titanium

Easy wall-mounting thermostat

COMPLEMENTARY ITEMS

INTERFACES



GW 20 476
KNX interface for RF burglar alarm control units

COMPLEMENTARY ITEMS



GW 90 583 Cable 2 conductors 1x2x0.8
GW 90 582 Cable 4 conductors 2x2x0.8

SYSTEM COMPONENTS

EASY CONFIGURATOR

GW90838



EASY CONFIGURATION KIT

Code	Description	Pack Carton
GW 90 838	EASY configurator kit	1

KIT COMPOSITION: 1 KNX/IP - WLAN interface (GW90839), 1 SD card with configuration software for PDA, mini-CD with installation and user manual, 1 nylon bag.
CHARACTERISTICS: the kit requires the user to have a PDA or a SmartPhone (with the Microsoft® Windows Mobile® operating system) on which to install the configuration software. For a list of compatible PDAs, contact Gewiss Customer Service.

GW90840



EASY CONFIGURATION SOFTWARE FOR PC

Code	Description	Pack Carton
GW 90 840	① EASY configuration software for PC	1

CHARACTERISTICS: the code includes 1 USB key with configuration software for PC and installation and user manual. It is required the user to have a PC on which to install the configuration software. The connection to the bus can be performed by means of a KNX/IP - WLAN interface (GW90839), a KNX/IP router (GW90707) or a USB port (GW90706A) to buy separately.

COMPLEMENTARY ITEMS

GW90708



LINE/FIELD COUPLING - IP20 - DIN RAIL MOUNTING

Code	Functions	No. DIN modules	Pack Carton
GW 90 708	Coupler - Repeater	2	1

APPLICATIONS: to be used as a repeater in a KNX Easy system, when you want to create an architecture containing more than one line segment.
NOTES: equipped with 2 coupling terminals for connection to BUS.

POWER SUPPLIES

GW90710



SELF-PROTECTED ELECTRONIC POWER SUPPLIES 110/240V - 50/60HZ - IP20 - FROM DIN RAIL

Code	Output voltage	Current supplied (max)	No. DIN modules	Pack Carton
GW 90 709	30V dc +/- 2V (SELV)	320 mA	4	1
GW 90 710	30V dc +/- 2V (SELV)	640 mA	4	1

CHARACTERISTICS: integrated coil to avoid the mains voltage interfering with the BUS line.
 Reset push-button for restoring all the devices connected to the BUS line.
APPLICATIONS: the power supply feeds and controls the BUS voltage.
NOTES: equipped with coupling terminal with protection lid, for connection to BUS.
 The maximum number of devices that can be powered is calculated on the basis of their consumption.

COMMAND AND VISUALISATION SUPERVISION

COMMAND PANELS

GW12771VT



EASY COMMAND AND VISUALISATION PANELS - FLUSH-MOUNTING - LUX

Code	Plate colour	Power supply voltage	Display	For flush-mounting boxes	Dimensions LxHxD (mm)	Pack Carton
GW 12 771 TB	Milk white	230V ac - 50/60Hz	Monochromatic 2,8"	GW24237	150x160x57 mm	1
GW 12 771 VT	Titanium	230V ac - 50/60Hz	Monochromatic 2,8"	GW24237	150x160x57 mm	1
GW 12 771 VA	Slate	230V ac - 50/60Hz	Monochromatic 2,8"	GW24237	150x160x57 mm	1

CHARACTERISTICS: control panel with backlit LCD graphic, for commanding and controlling the KNX/Easy system.
 Equipped with 6 front navigation button keys. With rechargeable backup battery. Configurable with EASY controller.
APPLICATIONS: allows you to send ON-OFF commands, temperature adjustment commands and commands to manage roller shutters, dimmers, scenes (memorisation and activation) and the visualisation of the status of the controlled devices. Also allows you to control the burglar alarm system, and to create timed command sequences. It works as: clock, calendar, thermometer, memo, timer.

REMOTE CONTROL

REMOTE CONTROL

GW90861



EASY GSM REMOTE CONTROL - DIN RAIL MOUNTING

Code	Power supply voltage	No. DIN modules	Pack Carton
GW 90 861	230V ac - 50/60Hz	6	1

CHARACTERISTICS: via the GSM network (for example from a mobile phone), or text messages, the device allows you to command the KNX Easy actuators. It is also possible to transmit information deriving from devices connected to the BUS, via text messages, to a prefixed telephone number. Via a PC (USB port), it is possible to set the outgoing messages and the telephone numbers to be used for calling.
 Configurable with Easy standard units.
APPLICATIONS: allows you to select ON-OFF commands, timed commands, priority commands, commands for temperature control and commands to manage roller-shutters, dimmers, scenes (memorisation and activation). The outgoing information (text messages) relate to the status of the actuators commanded.
NOTES: equipped with coupling terminal with protection lid and GSM antenna, for connection to BUS.
 The configuration software can be downloaded from the page relating to the product on the website www.gewiss.com.
 Backup batteries (3 x AAA rechargeable) not included.

①=June 2010

INPUTS

BINARY INPUT MODULES

GW90834



EASY 4-CHANNEL CONTACTS INTERFACE - RETRACTABLE

Code	No. input channels	No. output channels	Max length cables	Dimensions LxHxD (mm)	Pack Carton
GW 90 834	4	4	10 m	38x32x14mm	1

CHARACTERISTICS: BUS interface for connecting 4 push-buttons or conventional potential-free contacts. The reading voltage (SELV) is generated within the device. For each input there is an output for powering a low power consumption LED (less than 1mA - e.g. GW10898, GW10899) to display the status of the load commanded. Configurable with Easy standard units.

APPLICATIONS: allows you to send ON-OFF commands with fronts management, switching commands, timed commands, priority commands, temperature adjustment commands and commands to manage roller shutters (with single or double push-button), dimmers (with single or double push-button), scenes (storage and activation). The input channels can be configured as alarm inputs (weather sensors).

Installation in flush-mounting box, junction box or embedded in the blanking modules GW10751, GW12751, GW14751.

The slot on the plastic shell also allows it to be fixed with screws.

NOTES: equipped with coupling terminal for connection to the BUS, and unshielded cables for connecting the inputs (30cm long, extendible to 10m with unshielded twisted cable).

GW10898



MINIATURE LAMPS WITH WIRED LEAD AND LED LAMP

Code	Power supply voltage	Lamp	Colour	Cable Colour	Pack Carton
GW 10 898	3V dc	Led	Red	Red - black	50
GW 10 899	3V dc	Led	Green	Green - black	50

NOTES: the miniature lamps with wired lead are equipped with power cables. If connected with the interfaces GW90721, GW90834, they do not require the use of a current limiting resistance. In this case, the maximum current consumption is less than 1mA.

GW14751



BLANKING MODULES FOR HOUSING 4-CHANNEL CONTACTS INTERFACE

Code	Colour	No. Chorus modules	Pack Carton
GW 10 751	White	1	5/200
GW 12 751	Black	1	5/200
GW 14 751	Titanium	1	5/200

CHARACTERISTICS: 1-gang blanking module with pad printing KNX/EIB.

Allows the housing and quick identification of the 4-channel contact interface GW90834 or GW90721.

NOTES: embedded coupling.

GW14752



EASY 4-CHANNEL PUSH-BUTTON PANELS - FLUSH-MOUNTING

Code	Colour	No. channels	No. Chorus modules	Pack Carton
GW 10 752	White	4	2	1
GW 12 752	Black	4	2	1
GW 14 752	Titanium	4	2	1

CHARACTERISTICS: push-button panel with 4 button keys/4 channels, with integrated coupling unit for KNX BUS. Each button key is associated with an amber LED for night-time localisation, and a green LED to display the status of the commanded load. Configurable with Easy standard units.

APPLICATIONS: allows you to send ON-OFF commands with fronts management, switching commands, timed commands, and commands to manage roller shutters (single or double push-button), dimmers (with single or double push-button) and scenes (storage and activation).

NOTES: equipped with coupling terminal with protection lid, for connection to BUS, and with set of icons to personalise the button key functions.

GW14913



ELECTRONIC PUSH-BUTTON FOR BUS INPUTS

Code	Type of contact	Type of use	No. Chorus modules	Pack Carton
COLOUR: WHITE				
GW 10 913	Potential-free	BUS contacts interfaces	1	1/12
COLOUR: BLACK				
GW 12 913	Potential-free	BUS contacts interfaces	1	1/12
COLOUR: TITANIUM				
GW 14 913	Potential-free	BUS contacts interfaces	1	1/12

CHARACTERISTICS: push-button for BUS inputs, suitable for KNX BUS contact interface connections (e.g. GW90721, GW90834, etc.). Equipped with amber/green 2-colour LED with colour selector (can be set up to work as a night-time localisation lamp or to indicate the load status).

GW14914



DOUBLE ELECTRONIC PUSH-BUTTON

Code	Type of contact	No. Chorus modules	Pack Carton
COLOUR: WHITE			
GW 10 914	Dual, potential-free and with interlock	1	1/12
COLOUR: BLACK			
GW 12 914	Dual, potential-free and with interlock	1	1/12
COLOUR: TITANIUM			
GW 14 914	Dual, potential-free and with interlock	1	1/12

CHARACTERISTICS: double push-button suitable for connecting KNX BUS contact interfaces (ex: GW90721, GW90834, etc.) or electronic control panels for moving roller shutters.

GW14776



EASY 8-CHANNEL RF RECEIVERS - FLUSH-MOUNTING

Code	Colour	N. RF input channels	No. Chorus modules	Pack Carton
GW 10 776	White	8	2	1
GW 12 776	Black	8	2	1
GW 14 776	Titanium	8	2	1

CHARACTERISTICS: 8-channel radio receiver to interface the control devices of the "RF Command and Control" system with the actuators of the KNX Easy system. Each radio input channel can be associated with up to 4 command devices.

Configurable with Easy standard units.

APPLICATIONS: allows you to send ON-OFF commands with fronts management, reversal commands, timed commands, priority commands and commands to manage roller shutters, dimmers, scenes (storage and activation).

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

To be used in combination with: RF push-button panels, RF remote controls, RF movement detectors, RF timed thermostats, RF two-way timed thermostats and RF input modules.

SENSORS

MOVEMENT

GW14756



EASY IR MOVEMENT DETECTORS WITH TWILIGHT SENSOR - FLUSH-MOUNTING

Code	Colour	Cycle time	Threshold adjustment	No. Chorus modules	Pack Carton
GW 10 756	White		10 - 500 lux	2	1
GW 12 756	Black		10 - 500 lux	2	1
GW 14 756	Titanium		10 - 500 lux	2	1

CHARACTERISTICS: movement sensor with detection conditioned by the light threshold value set. Directional lens.

Operating range: 10m. Vertical bearing angle: 30°. Horizontal bearing angle: 105°. Light threshold value can be adjusted via the front access trimmer. Cycle time can be set in pre-fixed steps via the Easy standard unit (10s...5min), and can be modified ($\pm 50\%$) via the front access trimmer. Front green LED signals movement detection and command entry.

Configurable with Easy standard units.

APPLICATIONS: allows you to send timed commands to the movement detector. The entry of commands may be conditioned by the status of the piloted actuator. The device is able to manage a safety pause of 5 seconds upon the deactivation of the piloted load. For installation indoors.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

WEATHER

GW90769



WIND SENSOR

Code	IP protection class	Pack Carton
GW 90 769	IP65	1

CHARACTERISTICS: anemometer to be used in combination with the wind sensor interface GW90770.

GW90770



WIND SENSOR INTERFACE

Code	Power supply	Dimensions LxHxD (mm)	IP protection class	Pack Carton
GW 90 770	230V ac - 50/60 Hz	110x95x38 mm	IP55	1

CHARACTERISTICS: allows the GW90769 wind sensor to be interfaced with a contact interface (e.g. GW90721, GW90834, etc.). Generates an alarm signal via a potential-free, NO contact, on the basis of the wind intensity (adjustable with 10 threshold values, 3.3...24.5m/s). Surface-mounting.

OUTPUTS

OUTPUT MODULES FOR GENERAL LOADS

GW14766



EASY 1-CHANNEL 16A ACTUATORS - FLUSH-MOUNTING

Code	Colour	Output contacts	No. Chorus modules	Pack Carton
GW 10 766	White	1NO/NC16A(AC1)/10A(AC15)230Vac	2	1
GW 12 766	Black	1NO/NC16A(AC1)/10A(AC15)230Vac	2	1
GW 14 766	Titanium	1NO/NC16A(AC1)/10A(AC15)230Vac	2	1

CHARACTERISTICS: 1-channel actuator for activating loads via potential-free output contact (NO/NC).

Equipped with front push-button for local implementation, and signalling LED for closure of output contact. Configurable with EASY controller.

APPLICATIONS: execution of ON-OFF commands, timed commands with pre-alarm function at switch-off, priority commands and scene management commands.

Suitable for commanding uncompensated fluorescent lamps without P.F. correction with a maximum current of 4A.

For discharge lamps and fluorescent lamps with P.F. correction, the use of a support relay is recommended.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90836



EASY 4-CHANNEL 16A ACTUATOR - DIN RAIL MOUNTING

Code	Output contacts	No. DIN modules	Pack Carton
GW 90 836	4NO 16A(AC1)/10A (AC15)230Vac	4	1

CHARACTERISTICS: 4-channel actuator for activating loads via potential-free output contacts (NO).

Incandescent lamps (230V ac): 3000W, halogen lamps (230V ac): 3000W, loads driven by toroidal transformers: 3000W, loads driven by electronic transformers: 2000W,

energy saving lamps (compact fluorescent): 80x23W. Max switchover current 16A (AC1), 16AX (140µF ref. EN 60669-1) fluorescent loads with maximum surge current 400A (200µs).

Equipped with front push-buttons for local implementation, and signalling LED for closure of output contact. Can be configured with the Easy base unit GW90831/EN/ES.

APPLICATIONS: execution of ON-OFF commands, timed commands with pre-alarm function at switch-off, priority commands and scene management commands.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

OUTPUT MODULES FOR ROLLER SHUTTER COMMAND

GW14767



EASY 1-CHANNEL 6A ROLLER SHUTTER ACTUATORS - FLUSH-MOUNTING

Code	Colour	Max output current	No. Chorus modules	Pack Carton
GW 10 767	White	6A-230V ac (compl.60669-2-1)	2	1
GW 12 767	Black	6A-230V ac (compl.60669-2-1)	2	1
GW 14 767	Titanium	6A-230V ac (compl.60669-2-1)	2	1

CHARACTERISTICS: 1-channel actuator to activate a motor to move roller-shutters, curtains, Venetian blinds, rolling blinds, etc.

via 2 potential-free interlocked output contacts (NO). With two frontal push-buttons for local activation, and two LEDs indicating output contact closure.

Configurable with Easy standard units.

APPLICATIONS: carries out commands of movement/adjustment/stopping, along with priority commands, scene management and alarm signalling commands.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90851



EASY ROLLER SHUTTER ACTUATORS - 230V - IP20 - DIN RAIL MOUNTING

Code	No. channels	Max output current	No. DIN modules	Pack Carton
GW 90 851	2	6A-230V ac (compl.60669-2-1)	4	1
GW 90 852	4	6A-230V ac (compl.60669-2-1)	4	1

CHARACTERISTICS: 2- and 4-channel actuators to activate motors to move roller-shutters, curtains, venetian blinds, rolling blinds, etc. via respectively 4 and 8 potential-free interlocked output contacts (NO). With 4 (8) frontal push-buttons for local activation, and 4 (8) LEDs indicating output contact closure. Configurable with Easy configurator.

APPLICATIONS: carries out commands of movement/adjustment/stopping, along with priority commands, scene management and alarm signalling commands.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

DIMMER OUTPUT MODULES

GW90844



EASY 500W RESISTIVE/INDUCTIVE DIMMER ACTUATOR - DIN RAIL MOUNTING

Code	Power supply voltage	Incandescent lamp power	Inductive load power	No. DIN modules	Pack Carton
GW 90 844	230V ac - 50Hz	40 - 500 W	40 - 500 VA	4	1

CHARACTERISTICS: dimmer actuator for adjusting the light intensity of incandescent lamps and halogen lamps controlled by winding transformers. Soft start function to protect lamps. Front LED to indicate load status.

Configurable with Easy standard units.

APPLICATIONS: execution of ON-OFF commands, timed commands, priority commands, light intensity adjustment commands and scene management.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90845



EASY 500VA DIMMER ACTUATOR FOR ELECTRONIC TRANSFORMERS - DIN RAIL MOUNTING

Code	Power supply voltage	Incandescent lamp power	Halogen lamp power	No. DIN modules	Pack Carton
GW 90 845	230V ac - 50Hz	40 - 500 W	40 - 500 VA	4	1

CHARACTERISTICS: dimmer actuator for adjusting the light intensity of incandescent lamps and LV halogen lamps controlled by electronic transformers.

Soft start function to protect lamps. Front LED to indicate load status. Configurable with Easy standard units.

APPLICATIONS: execution of ON-OFF commands, timed commands, priority commands and light intensity adjustment commands.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS. Not suitable for use with winding transformers.

TEMPERATURE ADJUSTMENT

TEMPERATURE ADJUSTMENT



GW14761

EASY TIMED THERMOSTATS - WALL-MOUNTING

Code	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 10 761	White	130x92x23 mm	1
GW 14 761	Titanium	130x92x23 mm	1

CHARACTERISTICS: timed thermostat, with weekly programming, for controlling the heating/conditioning systems on

KNX Easy BUS. 3-level temperature profile (comfort, pre-comfort, economy). Adjustment with 2-point control (ON/OFF) or proportional control (PWM).

Equipped with backlit LCD display. Can be configured with the GW90831/EN/ES Easy standard units.

APPLICATIONS: possibility to combine with GW10763, GW14763 thermostats, to adjust the temperature in specific areas. In this case, the timed thermostat acts as a master, sending the temperature profile to the BUS.

NOTES: equipped with coupling terminal for connection to BUS. The device requires a backup power supply with 2 AAA alkaline batteries (not included), to guarantee the updating of the calendar (day, time) in the event of a lack of voltage to the BUS



GW14763

EASY THERMOSTATS - WALL-MOUNTING

Code	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 10 763	White	85x95x23 mm	1
GW 14 763	Titanium	85x95x23 mm	1

CHARACTERISTICS: thermostat for controlling the heating/conditioning systems on the BUS.

Adjustment with 2-point control (ON/OFF) or proportional control (PWM). Equipped with backlit LCD display. Configurable with Easy standard units.

APPLICATIONS: possibility to combine with GW10761, GW14761 timed thermostats, to adjust the temperature in specific areas. In this case, the timed thermostat acts as a slave, performing the temperature profile sent by the master (timed thermostat), using locally defined set point values.

It also allows you to control the fan coils.

NOTES: equipped with coupling terminal for connection to BUS.

Equipped with backup battery to guarantee the updating of the calendar (day/time) in the event of a lack of voltage to the BUS.

COMPLEMENTARY ITEMS

INTERFACES



GW20476

KNX INTERFACE - BURGLAR ALARM CENTRES

Code	Dimensions LxHxD (mm)	Pack Carton
GW 20 476	38x32x14 mm	1

CHARACTERISTICS: interface between the KNX BUS and the GW20470, GW20481 control units of the RF burglar alarm system.

Can also be configured with Easy standard units.

APPLICATIONS: allows you to send connection/disconnection/slicing commands from the KNX BUS to the burglar alarm system, and to transmit connection/alarm/connection enabling commands from the burglar alarm system to the KNX BUS.

NOTES: to be installed inside the GW20470, GW20481 control units.

Connection to the control unit via a mini DIN serial connector. Connection to BUS via a coupling terminal.

ACCESSORIES



GW90582

CABLES

Code	Type	Description	Ø (mm)	Colour	Pack Carton
GW 90 583	2 conductors 1 x 2 x 0.8	LSZH Cable sheath	5.2	Green	100
GW 90 582	4 conductors 2 x 2 x 0.8	LSZH Cable sheath	6.1	Green	100

Can be installed with the 230V power supply cable, and are recommended for protruding or flush assembly, for arrangement in conduits, in dry environments, and outdoors if protected against direct solar irradiation.

In the GW90582 KNX cable, the first duplex cable (red + black) is used for the power supply and the data transmission of the KNX devices; the second (yellow + white) can be used for another SELV service power supply.

In the GW90583 KNX cable, the duplex cable (red + black) is used for the power supply and the data transmission of the KNX devices.

CHARACTERISTICS: GW90582 BUS cable for shielded installation consisting of 2 pairs of twisted wires. Colours - black/red + yellow/white.

GW90583 BUS cable for shielded installation consisting of 1 pair of twisted wires. Colours - black/red.

Chorus RF













Wireless devices



Range of wireless "Command and Control" and burglar alarm system devices.

- Full integration with the existing systems.
- Extremely easy configuration and initial start-up.
- Pulse-type data transmission to make the system reliable and safe.
- Wide coverage of the radio transmission distance between the devices.



COMMAND AND CONTROL

COMMAND DEVICES						
ONE		White button key	GW 10 801	RF push-button panels. Wall-mounting	<ul style="list-style-type: none"> - 1-channel RF and 2-position control button key for sending differentiated messages - 2-gang plate supplied as standard: GW 10 801 and GW 10 806 milk white plate; GW 12 801 and GW 12 806 titanium plate; GW 14 801 and GW 14 806 titanium plate; - To be paired with the CHORUS RF actuators - Power supply by means of two 1.5V AAA alkaline batteries 	
		Black button key	GW 12 801			
	Titanium button key	GW 14 801				
LUX		White button key	GW 10 806			<ul style="list-style-type: none"> - 2-channel RF and 2-position control button keys for sending differentiated messages - 2-gang plate supplied as standard: GW 10 802 and GW 10 807 milk white plate; GW 12 802 and GW 12 807 titanium plate; GW 14 802 and GW 14 807 titanium plate; - To be paired with the CHORUS RF actuators - Power supply by means of two 1.5V AAA alkaline batteries
		Black button key	GW 12 806			
		Titanium button key	GW 14 806			
ONE		White button keys	GW 10 802		<ul style="list-style-type: none"> - 3-channel RF and 2-position control button keys for sending differentiated messages - 3-gang plate supplied as standard: GW 10 803 and GW 10 808 milk white plate; GW 12 803 and GW 12 808 titanium plate; GW 14 803 and GW 14 808 titanium plate; - To be paired with the CHORUS RF actuators - Power supply by means of two 1.5V AAA alkaline batteries 	
		Black button keys	GW 12 802			
		Titanium button keys	GW 14 802			
LUX		White button keys	GW 10 807			<ul style="list-style-type: none"> - 4-channel RF and 2-position control button keys for sending differentiated messages - 4-gang plate supplied as standard: GW 10 804 and GW 10 809 milk white plate; GW 12 804 and GW 12 809 titanium plate; GW 14 804 and GW 14 809 titanium plate; - To be paired with the CHORUS RF actuators - Power supply by means of two 1.5V AAA alkaline batteries
		Black button keys	GW 12 807			
		Titanium button keys	GW 14 807			
ONE		White button keys	GW 10 803	RF remote control	<ul style="list-style-type: none"> - 3 RF transmission channels - 2 command button keys per channel, to send the differentiated commands - To be paired with the CHORUS RF actuators - Power supply by means of two 1.5V AAA alkaline batteries 	
		Black button keys	GW 12 803			
		Titanium button keys	GW 14 803			
LUX		White button keys	GW 10 808			
		Black button keys	GW 12 808			
		Titanium button keys	GW 14 808			
ONE		White button keys	GW 10 804			
		Black button keys	GW 12 804			
		Titanium button keys	GW 14 804			
LUX		White button keys	GW 10 809			
		Black button keys	GW 12 809			
		Titanium button keys	GW 14 809			
		GW 20 963				
				RF 2-channel input modules	<ul style="list-style-type: none"> - 1 CHORUS module - 2 RF transmission channels - Sends the RF messages based on the input status. - To connect the potential-free contacts. - To be paired with the CHORUS RF actuators - 230V ac power supply 	
GW 10 813	GW 12 813	GW 14 813				

SENSORS					
ONE		White Component	GW 10 811	RF IR movement detectors with twilight sensor. Wall-mounting	<ul style="list-style-type: none"> - Max 3 RF transmission channels, (IR, twilight and IR + twilight) - 3-gang plate supplied as standard: GW 10 811 and GW 10 816 milk white plate; GW 12 811 and GW 12 816 titanium plate; GW 14 811 and GW 14 816 titanium plate; - To be paired with the CHORUS RF actuators for general loads - Power supply by means of three 1.5V AAA alkaline batteries
		Black Component	GW 12 811		
		Titanium Component	GW 14 811		
LUX		White Component	GW 10 816		
		Black Component	GW 12 816		
		Titanium Component	GW 14 816		












TEMPERATURE ADJUSTMENT			
<p>GW 10 841</p>	<p>GW 14 841</p>	<p>RF timed thermostats. Wall-mounting</p>	<ul style="list-style-type: none"> - 1 RF transmission channel - To command the boilers, solenoid valves, electrical heating elements, fan coils, etc. - To be paired with the CHORUS RF actuators for general loads - Possible remote control via SMS by means of a serial connection with GSM GW 90 821 remote control - Power supply by means of three 1.5V AAA alkaline batteries
<p>GW 10 851</p>	<p>GW 14 851</p>	<p>RF two-way timed thermostats. Wall-mounting</p>	<ul style="list-style-type: none"> - 1 RF transmission channel, 1 RF two-way channel - To command the boilers, solenoid valves, electrical heating elements, fan coils, etc. - To be paired with the CHORUS RF actuators for general loads - Possible remote control via SMS by means of a two-way RF connection with GSM GW 90 821 remote control equipped with GW 90 822 interface - Power supply by means of three 1.5V AAA alkaline batteries

OUTPUT MODULES - ACTUATORS			
<p>GW 10 821</p>	<p>GW 12 821</p>	<p>GW 14 821</p>	<p>Output RF modules for general loads</p> <ul style="list-style-type: none"> - 1 output contact 3A(AC1) / 2A(AC15) with potential 230V ac - 1 CHORUS module - To be paired with the CHORUS RF command devices - Manual activation by means of front button key, or input to connect a potential-free contact (e.g. one-way switches or standard type push-buttons) - Monostable, bistable or timed functioning - 230V ac power supply
<p>GW 10 822</p>	<p>GW 12 822</p>	<p>GW 14 822</p>	<p>Output RF modules for general loads</p> <ul style="list-style-type: none"> - 1 potential-free output contact 16A(AC1) / 10A(AC15) - 2 CHORUS modules - To be paired with the RF CHORUS control devices - Manual activation by means of front button key, or input to connect a potential-free contact (e.g. one-way switches or conventional push-buttons) - Monostable, bistable or timed functioning - 230V ac power supply
<p>GW 10 823</p>	<p>GW 12 823</p>	<p>GW 14 823</p>	<p>Output RF modules for roller shutters command</p> <ul style="list-style-type: none"> - 2 output contacts 8A(AC1) / 3A(AC15) with potential 230V ac for moving roller shutters, awnings, etc. - 2 CHORUS modules - To be paired with the CHORUS RF command devices - Manual activation by means of front button keys, or inputs to connect potential-free contacts (e.g. standard type push-buttons) - 230V ac power supply













ACCESSORIES			
<p>GW 10 831</p>	<p>GW 12 831</p>	<p>GW 14 831</p>	<p>RF signal repeater with output contact</p> <ul style="list-style-type: none"> - 1 potential-free output contact 16A(AC1) / 10A(AC15) - 16 transmission / reception channels - 2 CHORUS modules - This device is to be used when communication between the control device and the actuator is difficult due to obstacles or excessive distance. - 230V ac power supply

INTERFACES			
<p>GW 90 822</p>	<p>GSM remote control - RF command/control interface. DIN rail mounting</p>	<ul style="list-style-type: none"> - 5 RF transmission channels, used for communication with RF actuators - 2 RF reception channels, used for communication with RF command devices - 1 RF two-way channel, used for communication with RF two-way timed thermostats - To be used exclusively in combination with the remote control GW 90 821 	

RF BURGLAR ALARM

		CODE	DESCRIPTION	CHARACTERISTICS
KIT		GW 20 497	Standard RF burglar alarm kit	1 control unit GW 20 470 1 remote control GW 20 472 2 movement detectors GW 20 477
		GW 20 470	Control unit for 16 sensors	Button keys for programming and command, control LED and built-in indoor siren
CONTROL UNITS		GW 20 481	Control unit for 48 sensors, with built-in telephone dialler	Programming keyboard, LCD display for control and indoor built-in siren
		GW 20 472	Remote control with 4 button keys	Activation, deactivation, partialisation and anti-panic
ACTIVATION DEVICES		GW 20 473	Keyboard	Activation, deactivation, partialisation and anti-panic. Incorporated transponder for activation with electronic proximity key
		GW 20 474	Electronic proximity key	- Together with the keyboard, it prevents keying in the code and permits the activation of the functions - Together with the push-button panel, it permits the activation of the functions
	ONE 	White Component GW 10 862 Black Component GW 12 862 Titanium Component GW 14 862	Push-button panel for activation and partialisation	- GW 10 862, GW 12 862 and GW 14 862 interchangeable with all ONE 3 gang plate range - GW 10 867, GW 12 867 and GW 14 867 interchangeable with all LUX 3 gang plate range - Activation, partialisation of the RF burglar alarm system - Powered by 3 AAA type batteries
	LUX 	White Component GW 10 867 Black Component GW 12 867 Titanium Component GW 14 867		
		GW 20 490	External siren	System on-off check from the outside with flashing of the orange optical compartment.
SYSTEM DEVICES		GW 20 480	Signal repeater	To be combined with the control unit to increase the coverage of the system
		GW 20 475	System status display module	System status display on/off

RF BURGLAR ALARM

		CODE	DESCRIPTION	CHARACTERISTICS
DETECTORS	ONE 	White Component GW 10 861 Black Component GW 12 861 Titanium Component GW 14 861	Wall-mounting volumetric detector	<ul style="list-style-type: none"> - GW 10 861, GW 12 861 and GW 14 861 interchangeable with all ONE 3 gang plate range - GW 10 866, GW 12 866 and GW 14 866 interchangeable with all 3 LUX gang plate range - Powered by 3 AAA type batteries
	LUX 	White Component GW 10 866 Black Component GW 12 866 Titanium Component GW 14 866		
		GW 20 477	Adjustable infrared volumetric presence detector	Adjustable, 15m range, 81° opening
		GW 20 478	External detector	With magnetic contact for doors and windows
		GW 20 483	Optical smoke detector	Ceiling installation
		GW 20 479	External detector	For conventional line contacts
ACCESSORIES		GW 20 493	Cable contact for roller shutters and rolling gates	Connect with cable to the external detector for conventional line contacts GW 20 479
		GW 20 494	Plastic magnetic surface contact	Connect with cable to the external detector for conventional line contacts GW 20 479
		GW 20 495	Metal magnetic surface contact	Connect with cable to the external detector for conventional line contacts GW 20 479
		GW 20 499	Lead for connecting PC control unit	Optional connection cable from the control units GW 20 470 and GW 20 481 with the serial port of a PC for storing the system diagram and modifying the operating parameters
SYSTEM INTERFACE		GW 90 823	GSM remote control interface - RF burglar alarm device - DIN rail mounting	Command (activation, deactivation and partialisation) and signalling (connection status, alarms defects) system status
		GW 20 476	KNX interface - burglar alarm control units	To be installed in the GW 20 470 and GW 20 481 control units. Connection to the control unit by means of DIN mini serial connector

CHORUS RF

COMMAND AND CONTROL

COMMAND DEVICES

GW14803



CHORUS RF

RF PUSH-BUTTON PANELS - WALL-MOUNTING - COMPLETE WITH ONE

Code	No. channels	N. command push-buttons	RF range in free field	Dimensions LxHxD (mm)	Pack Carton
COLOUR: WHITE					
GW 10 801	1	1	100 m	118x90x20 mm	1
GW 10 802	2	2	100 m	118x90x20 mm	1
GW 10 803	3	3	100 m	118x90x20 mm	1
GW 10 804	4	4	100 m	140x90x20 mm	1
COLOUR: BLACK					
GW 12 801	1	1	100 m	118x90x20 mm	1
GW 12 802	2	2	100 m	118x90x20 mm	1
GW 12 803	3	3	100 m	118x90x20 mm	1
GW 12 804	4	4	100 m	140x90x20 mm	1
COLOUR: TITANIUM					
GW 14 801	1	1	100 m	118x90x20 mm	1
GW 14 802	2	2	100 m	118x90x20 mm	1
GW 14 803	3	3	100 m	118x90x20 mm	1
GW 14 804	4	4	100 m	140x90x20 mm	1

CHARACTERISTICS: powered by two 1.5V AAA alkaline batteries, not included. Average battery life: 2 years.

White: white button keys and milk white ONE-type plate

Black: black button keys and titanium ONE-type plate

Titanium: titanium button keys and titanium ONE-type plate

Interchangeability with the entire colour range of ONE plates.

NOTES: two distinct command positions correspond to each button key.

Includes kit for wall-mounting, containing: two strips of double-sided adhesive tape, two ø 6mm wall plugs with screws, and one insulating film (to be positioned in the battery compartment when using metallised plates).

GW14808



RF PUSH-BUTTON PANELS - WALL-MOUNTING - COMPLETE WITH LUX

Code	No. channels	N. command push-buttons	RF range in free field	Dimensions LxHxD (mm)	Pack Carton
COLOUR: WHITE					
GW 10 806	1	1	100 m	123x95x20 mm	1
GW 10 807	2	2	100 m	123x95x20 mm	1
GW 10 808	3	3	100 m	123x95x20 mm	1
GW 10 809	4	4	100 m	145,2x95x20 mm	1
COLOUR: BLACK					
GW 12 806	1	1	100 m	123x95x20 mm	1
GW 12 807	2	2	100 m	123x95x20 mm	1
GW 12 808	3	3	100 m	123x95x20 mm	1
GW 12 809	4	4	100 m	145,2x95x20 mm	1
COLOUR: TITANIUM					
GW 14 806	1	1	100 m	123x95x20 mm	1
GW 14 807	2	2	100 m	123x95x20 mm	1
GW 14 808	3	3	100 m	123x95x20 mm	1
GW 14 809	4	4	100 m	145,2x95x20 mm	1

CHARACTERISTICS: powered by two 1.5V AAA alkaline batteries, not included. Average battery life: 2 years.

White: white button keys and milk white LUX-type plate

Black: black button keys and titanium LUX-type plate

Titanium: titanium button keys and titanium LUX-type plate

Interchangeability with the entire colour range of LUX plates.

NOTES: two distinct command positions correspond to each button key.

Includes kit for wall-mounting, containing: two strips of double-sided adhesive tape, two ø 6mm wall plugs with screws, and one insulating film (to be positioned in the battery compartment when using metallised plates).

GW20963



RF REMOTE CONTROL

Code	No. of channels	N. command push-buttons	RF range in free field	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 963	3	6	100 m	Black	120x45x20	1

CHARACTERISTICS: powered by two 1.5V AAA alkaline batteries, not included. Average battery life: 3 years.

For each channel, two command keys are available.

NOTES: includes the support for wall-mounting, 2 wall plugs and screws.

GW14813



RF 2-CHANNEL INPUT

Code	Power supply voltage	RF range in free field	No. input channels	No. Chorus modules	Pack Carton
COLOUR: WHITE					
GW 10 813	230V ac - 50Hz	100 m	2	1	1
COLOUR: BLACK					
GW 12 813	230V ac - 50Hz	100 m	2	1	1
COLOUR: TITANIUM					
GW 14 813	230V ac - 50Hz	100 m	2	1	1

CHARACTERISTICS: input channel for potential-free contacts. Insert to be positioned in the supports of the Chorus range.
NOTES: inputs fitted with cables L = 200mm x 0.75mm² for connecting conventional command devices.

SENSORS

GW14811



RF IR MOVEMENT DETECTORS WITH TWILIGHT SENSOR - WALL-MOUNTING - COMPLETE WITH ONE

Code	Range of action	Threshold adjustment	RF range in free field	Dimensions LxHxD (mm)	Pack Carton
COLOUR: WHITE					
GW 10 811	8 m	5 - 1000 lux	100 m	118x90x20 mm	1
COLOUR: BLACK					
GW 12 811	8 m	5 - 1000 lux	100 m	118x90x20 mm	1
COLOUR: TITANIUM					
GW 14 811	8 m	5 - 1000 lux	100 m	118x90x20 mm	1

CHARACTERISTICS: powered by three 1.5V AAA alkaline batteries, not included. Average battery life: 3 years.

White: white button keys and milk white ONE-type plate

Black: black button keys and titanium ONE-type plate

Titanium: titanium button keys and titanium ONE-type plate

Interchangeability with the entire colour range of ONE plates.

NOTES: to be used with the actuators GW10821-GW12821-GW14821, GW10822-GW12822-GW14822.

Working mode (IR, light-sensitive, IR + light-sensitive), selectable by means of the dip-switch.

Includes kit for wall-mounting, containing: two strips of double-sided adhesive tape, two ø 6mm wall plugs with screws, and one insulating film (to be positioned in the battery compartment when using metallised plates).

GW14816



RF IR MOVEMENT DETECTORS WITH TWILIGHT SENSOR - WALL-MOUNTING - COMPLETE WITH LUX

Code	Range of action	Threshold adjustment	RF range in free field	Dimensions LxHxD (mm)	Pack Carton
COLOUR: WHITE					
GW 10 816	8 m	5 - 1000 lux	100 m	123x95x20 mm	1
COLOUR: BLACK					
GW 12 816	8 m	5 - 1000 lux	100 m	123x95x20 mm	1
COLOUR: TITANIUM					
GW 14 816	8 m	5 - 1000 lux	100 m	123x95x20 mm	1

CHARACTERISTICS: powered with 3 alkaline 1.5V batteries, type AAA, not included. Average battery life: 3 years.

White: white components and LUX-type plate in milk white.

Black: black components and LUX-type plate in titanium.

Titanium: titanium components and LUX-type plate in titanium.

Interchangeable with the entire colour range of the LUX plates.

NOTES: to be used with the actuators GW10821-GW12821-GW14821, GW10822-GW12822-GW14822.

The operating mode (IR, light sensitive, IR + light sensitive) can be selected by means of the dip-switch.

includes kit for wall mounting, containing: 2 strips of double-sided adhesive tape, 2 wall plugs ø 6mm including screws and 1 insulating film (to be positioned in the battery compartment when using metallic plates).

TEMPERATURE ADJUSTMENT

GW14841



RF TIMED THERMOSTATS - WALL-MOUNTING - BATTERY-POWERED

Code	Temperature adjustment	Colour	RF range in free field	Dimensions LxHxD (mm)	Pack Carton
GW 10 841	From +5°C to +40°C	White	100 m	130x92x23 mm	1
GW 14 841	From +5°C to +40°C	Titanium	100 m	130x92x23 mm	1

CHARACTERISTICS: powered by three 1.5V AAA alkaline batteries, not included. Average battery duration: 1 year.

To be used with the 1-channel, 3A and 16A wireless actuators.

Includes a serial line for connection with a GSM GW90821 repeater, via which (with text messages) you can set the function (heating/air-conditioning) and the mode (automatic/manual/OFF). It is also possible to receive (via text messages and on the pre-set telephone number) the current room temperature measured, the current SET POINT temperature, and the functions and modes currently activated.

NOTES: includes wall-mounting kit, containing: two strips of double-sided adhesive tape, two ø 6mm wall plugs with screws.

GW14851



RF TWO-WAY TIMED THERMOSTATS - WALL-MOUNTING - BATTERY-POWERED

Code	Temperature adjustment	Colour	RF range in free field	Dimensions LxHxD (mm)	Pack Carton
GW 10 851	From +5°C to +40°C	White	100 m	130x92x23 mm	1
GW 14 851	From +5°C to +40°C	Titanium	100 m	130x92x23 mm	1

CHARACTERISTICS: powered by three 1.5V AAA alkaline batteries, not included. Average battery duration: 1 year.

To be used with the 1-channel, 3A and 16A wireless actuators. The two-way connection is used to communicate with the GSM repeater interface GW90822 which (in combination with the GSM repeater GW90821

and via text messages) allows you to set the function (heating/air-conditioning) and the mode (automatic/manual/OFF).

It is also possible to receive (via text messages and on the pre-set telephone number) the current room temperature measured, the current SET POINT temperature, and the functions and modes currently activated.

NOTES: includes wall-mounting kit, containing: two strips of double-sided adhesive tape, two ø 6mm wall plugs with screws.

OUTPUT MODULES FOR GENERAL LOADS

GW14821



RF 1-CHANNEL 3A ACTUATORS

Code	Power supply voltage	No. output channels	RF range in free field	Output contacts	No. Chorus modules	Pack Carton
COLOUR: WHITE						
GW 10 821	230V ac - 50Hz	1	100 m	3A(AC1)/2A(AC15) 250V ac	1	1
COLOUR: BLACK						
GW 12 821	230V ac - 50Hz	1	100 m	3A(AC1)/2A(AC15) 250V ac	1	1
COLOUR: TITANIUM						
GW 14 821	230V ac - 50Hz	1	100 m	3A(AC1)/2A(AC15) 250V ac	1	1

CHARACTERISTICS: insert to be positioned in the supports of the Chorus range, to be used with the RF command devices of the range. Integrated command button key.

1-channel actuator to activate loads via the output contact (NO) with 230V potential.

Not suitable for directly commanding fluorescent-type lamps.

NOTES: input equipped with L = 200mm x 0.75mm² cable to connect traditional device contacts, in order to have a local command of the outputs.

GW14822



RF 1-CHANNEL 16A ACTUATORS

Code	Power supply voltage	No. output channels	RF range in free field	Output contacts	No. Chorus modules	Pack Carton
COLOUR: WHITE						
GW 10 822	230V ac - 50Hz	1	100 m	16A(AC1)/10A(AC15) 250V ac	2	1
COLOUR: BLACK						
GW 12 822	230V ac - 50Hz	1	100 m	16A(AC1)/10A(AC15) 250V ac	2	1
COLOUR: TITANIUM						
GW 14 822	230V ac - 50Hz	1	100 m	16A(AC1)/10A(AC15) 250V ac	2	1

CHARACTERISTICS: insert to be positioned in the supports of the Chorus range, to be used with the RF command devices of the range. Integrated command button key.

1-channel actuator to activate loads via the potential-free output contact (NO).

Suitable for commanding uncompensated fluorescent lamps with a maximum current of 4A.

NOTES: input equipped with L = 200mm x 0.75mm² cable to connect traditional device contacts, in order to have a local command of the outputs.

OUTPUT MODULES FOR ROLLER SHUTTERS COMMAND

GW14823



RF 1-CHANNEL 8A ACTUATORS

Code	Power supply voltage	No. output channels	RF range in free field	Output contacts	No. Chorus modules	Pack Carton
COLOUR: WHITE						
GW 10 823	230V ac - 50Hz	1	100 m	8A(AC1)/3A(AC15) 250V ac	2	1
COLOUR: BLACK						
GW 12 823	230V ac - 50Hz	1	100 m	8A(AC1)/3A(AC15) 250V ac	2	1
COLOUR: TITANIUM						
GW 14 823	230V ac - 50Hz	1	100 m	8A(AC1)/3A(AC15) 250V ac	2	1

CHARACTERISTICS: insert to be positioned in the supports of the Chorus range, to be used with the RF command devices of the range.

Integrated command button key. 1-channel actuator to activate a motor to move roller-shutters, curtains, Venetian blinds, rolling blinds, etc.

via an output contact (NO) with 230V potential.

NOTES: input equipped with L = 200mm x 0.75mm² cable to connect traditional device contacts, in order to have a local command of the outputs.

ACCESSORIES

GW14831



RF SIGNAL REPEATER

Code	Power supply voltage	No. transmission channels	Rx/Tx cap. in free field	Output contacts	No. Chorus modules	Pack Carton
COLOUR: WHITE						
GW 10 831	230V ac - 50Hz	16	100+30 m	16A(AC1)/10A(AC15) 250V ac	2	1
COLOUR: BLACK						
GW 12 831	230V ac - 50Hz	16	100+30 m	16A(AC1)/10A(AC15) 250V ac	2	1
COLOUR: TITANIUM						
GW 14 831	230V ac - 50Hz	16	100+30 m	16A(AC1)/10A(AC15) 250V ac	2	1

CHARACTERISTICS: insert to be positioned in the supports of the Chorus range. Can be used with all the devices of the RF range.

NOTES: the repeaters have a potential-free output contact to command general loads.

GW90822



GSM REMOTE CONTROL INTERFACE - RF COMMAND AND CONTROL - DIN RAIL MOUNTING

Code	RF range in free field	No. RF transm. channels	No. RF reception channels	No. two-way channels	No. DIN modules	Pack Carton
GW 90 822	100 m	5	2	1	1	1

CHARACTERISTICS: the transmission channels can be used to communicate with RF actuators GW10821, GW12821, GW14821, GW10822, GW12822, GW14822, GW10823, GW12823, GW14823. The reception channels can be used for communication from: 2-channel input module GW10813, GW12813, GW14813, RF push-button panels from 1 to 4 channels, IR sensor GW10811, GW12811, GW14811, GW10816, GW12816, GW14816 and remote control GW20963. The two-way channel can only be used with the RF two-way timed thermostats GW14851 and GW10851.

NOTES: item to be used only with the repeater GW90821, from which it receives the power supply via the row connection (flat-cable).

GW14776



RF 8-CHANNEL EASY RECEIVER - FLUSH-MOUNTING

Code	Colour	N. RF input channels	No. Chorus modules	Pack Carton
GW 10 776	White	8	2	1
GW 12 776	Black	8	2	1
GW 14 776	Titanium	8	2	1

CHARACTERISTICS: 8-channel radio receiver to interface the control devices of the "RF Command and Control" system with the actuators of the KNX Easy system. Each radio input channel can be associated with up to 4 command devices.

Configurable with Easy standard units.

APPLICATIONS: allows you to send ON-OFF commands with fronts management, reversal commands, timed commands, priority commands and commands to manage roller shutters, dimmers, scenes (storage and activation).

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

To be used in combination with: RF push-button panels, RF remote control, RF movement detectors, RF timed thermostats, RF two-way timed thermostats and RF input modules.

GW14798



RF 8-CHANNEL KNX RECEIVER - FLUSH-MOUNTING

Code	Colour	N. RF input channels	No. Chorus modules	Pack Carton
GW 10 798	White	8	2	1
GW 12 798	Black	8	2	1
GW 14 798	Titanium	8	2	1

CHARACTERISTICS: 8-channel radio receiver to interface the command devices of the "RF Command and Control" system with the actuators of the KNX system. Each radio input channel can be associated with up to 4 command devices.

To be configured with ETS software.

APPLICATIONS: allows you to send ON-OFF commands with fronts management, reversal commands, timed commands, priority commands and commands to manage roller shutters, dimmers, scenes (storage and activation).

NOTES: equipped with coupling terminal with protection lid, for connection to BUS. To be used in combination with:

RF push-button panels, RF remote controls, RF movement detectors, RF timed thermostats, RF two-way timed thermostats and RF input modules.

BURGLAR ALARM SYSTEM

STANDARD KIT



GW20497

STANDARD RF BURGLAR ALARM KIT

Code	Description	Pack Carton
GW 20 497	RF burglar alarm base kit	1

KIT COMPOSITION: 1 command unit control GW20470; 1 remote control GW20472; 2 volumetric presence detectors GW20477.

CHARACTERISTICS: the kit allows you to create a basic radio burglar alarm system that can be extended and integrated using the devices of the Burglar Alarm system.

NOTES: all the devices in the kit are supplied with batteries.

COMMAND UNITS



GW20470

COMMAND UNIT

Code	Power supply	RF range in free field	Max no. devices	Max no. sensors	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 470	230V ac - 50 Hz	100 m	8	16	White	245x205x57	1

CHARACTERISTICS: 3 button keys for programming and command, control LED, mechanical key for emergencies and indoor siren.

Max number devices: 8, including remote controls, keyboards and proximity key.

NOTES: 1 lead battery 6V - 1.2 Ah included.



GW20481

COMMAND UNIT WITH INTEGRATED TELEPHONE DIALLER

Code	Power supply	RF range in free field	Max no. devices	Max no. sensors	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 481	230V ac - 50Hz	100 m	16	48	White	245x205x57	1

CHARACTERISTICS: with keyboard for programming and command, LCD display and integrated siren.

Integrated telephone dialler with possibility to store 8 telephone numbers. Max number devices: 16, including remote controls, keyboards and proximity key.

NOTES: 1 lead battery 6V - 1.2 Ah included.

CONNECTION DEVICES



GW20472

REMOTE CONTROL

Code	RF range in free field	No. keys	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 472	100 m	4	Black	35x68x15	1/2

CHARACTERISTICS: allows you to manage the following functions: activation, deactivation, slicing and anti-panic.

NOTES: one 12V MN21-type alkaline battery included.



GW20473

KEYBOARD

Code	RF range in free field	Functions	Working temperature	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 473	100 m	Activation, partialization	From +5°C to +40°C	White	166x136x33	1

CHARACTERISTICS: incorporated transponder for activation with electronic proximity key GW20474.

NOTES: one 9V 6LR61-type alkaline battery included.



GW14862

PUSH-BUTTON PANELS FOR INSERTION AND PARTIALIZATION - ONE PLATE

Code	RF range in free field	Functions	Working temperature	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 10 862	100 m	Activation, partialization	From -5°C to +40°C	White	118x90x20 mm	1
GW 12 862	100 m	Activation, partialization	From -5°C to +40°C	Black	118x90x20 mm	1
GW 14 862	100 m	Activation, partialization	From -5°C to +40°C	Titanium	118x90x20 mm	1

CHARACTERISTICS: Powered via 3 1.5V AAA alkaline batteries, not included. Average battery life: 2 years.

Incorporated transponder for activation with electronic proximity key GW20474.

White: white button keys and milk white ONE-type plate

Black: black button keys and titanium ONE-type plate

Titanium: titanium button keys and titanium ONE-type plate.

GW14867



PUSH-BUTTON PANELS FOR INSERTION AND PARTIALIZATION - LUX PLATE

Code	RF range in free field	Functions	Working temperature	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 10 867	100 m	Activation, partialization	From -5°C to +40°C	White	123x95x20 mm	1
GW 12 867	100 m	Activation, partialization	From -5°C to +40°C	Black	123x95x20 mm	1
GW 14 867	100 m	Activation, partialization	From -5°C to +40°C	Titanium	123x95x20 mm	1

CHARACTERISTICS: Powered via 2 1.5V AAA alkaline batteries, not included. Average battery life: 2 years.

Incorporated transponder for activation with electronic proximity key GW20474.

White: white button keys and milk white LUX-type plate

Black: black button keys and titanium LUX-type plate

Titanium: titanium button keys and titanium LUX-type plate.

GW20474



ELECTRONIC PROXIMITY KEY

Code	Description	Pack Carton
GW 20 474	Proximity key	1/10

CHARACTERISTICS: if used with the keyboard GW20473, avoid typing in the access code. It allows the activation of the push-button panels.

SYSTEM DEVICES

GW20475



SYSTEM STATUS DISPLAY MODULE

Code	Power supply	RF range in free field	Current consumption	Signalling LED	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 475	12/24V ac/dc	100 m	12 - 47 mA	Activated/deactivated	White	47x100x30	1

GW20480



SIGNAL REPEATER

Code	RF range in free field	Cable conn. to central unit	Max dist. from central unit	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 480	100 m	2x0.75 + 4x0.22 mm ²	100 m	White	47x270x30	1

NOTES: to be used together with the unit control GW20470 and GW20481 (from which it takes the power supply to work) to boost the system cover.

GW20490



SIREN FOR OUTDOORS

Code	RF range in free field	Loudness	Working temperature	IP degree	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 490	100 m	94 dB (at 3 m)	From -25°C to +55°C	IP34	White	253x290x85	1

ACCESSORIES SUPPLIED: n. 1 lithium battery - 7,2V - 13 Ah type LSH20.

DETECTORS

GW20477



ADJUSTABLE INFRARED VOLUMETRIC MOVEMENT DETECTOR

Code	RF range in free field	Range of action	Working temperature	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 477	100 m	15 m	From -10°C to +45°C	White	64x110x48	1

ACCESSORIES SUPPLIED: n. 1 alkaline battery - 9V type 6LR61. Directional mounting bracket.

GW10861



IR VOLUMETRIC PRESENCE DETECTORS - WALL-MOUNTING - ONE PLATE

Code	RF range in free field	Range of action	Working temperature	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 10 861	50 m	15 m	From -10°C to +45°C	White	118x90x40 mm	1
GW 12 861	50 m	15 m	From -10°C to +45°C	Black	118x90x40 mm	1
GW 14 861	50 m	15 m	From -10°C to +45°C	Titanium	118x90x40 mm	1

CHARACTERISTICS: powered via 3 1.5V AAA alkaline batteries, not included. Average battery life: 2 years.

White: white button keys and milk white ONE-type plate.

Black: black button keys and titanium ONE-type plate.

Titanium: titanium button keys and titanium ONE-type plate.

GW14866



IR VOLUMETRIC PRESENCE DETECTORS - WALL-MOUNTING - LUX PLATE

Code	RF range in free field	Range of action	Working temperature	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 10 866	50 m	15 m	From -10°C to +45°C	White	123x95x40 mm	1
GW 12 866	50 m	15 m	From -10°C to +45°C	Black	123x95x40 mm	1
GW 14 866	50 m	15 m	From -10°C to +45°C	Titanium	123x95x40 mm	1

CHARACTERISTICS: powered via 2 1.5V AAA alkaline batteries, not included. Average battery life: 2 years.

White: white button keys and milk white LUX-type plate.

Black: black button keys and titanium LUX-type plate.

Titanium: titanium button keys and titanium LUX-type plate.

GW20478



PERIMETRIC DETECTOR WITH MAGNETIC CONTACT FOR DOORS AND WINDOWS

Code	RF range in free field	No. of contacts	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 478	100 m	1	White	40x77x26	1

ACCESSORIES SUPPLIED: n. 3 lithium batteries - 3V - Type DL2430.

GW20479



DETECTOR FOR CONVENTIONAL LINE CONTACTS

Code	RF range in free field	No. of contacts	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 479	100 m	2	White	47x100x30	1

NOTE: one 9V 6LR61-type alkaline battery included. Traditional connectable contacts GW20493, GW20494, GW20495.

GW20483



OPTICAL SMOKE DETECTOR

Code	RF range in free field	Installation	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 483	100 m	Ceiling-mounting	White	176x125x75	1

NOTES: three 9V 6LR61-type alkaline batteries included.

ACCESSORIES

GW20493



ROPE CONTACT FOR ROLLER-SHUTTERS

Code	Description	Colour	Pack Carton
GW 20 493	Rolling electromechanical contact	White	1/2

To be used in combination with the detector for conventional line contacts GW20479 or similar.

GW20494



MAGNETIC CONTACT

Code	Description	Material	Installation	Colour	Pack Carton
GW 20 494	Magnetic contact	Plastic	Wall	White	1/10
GW 20 495	Magnetic contact	Metal	Wall	Aluminium	1/5

NOTES: driving magnet with installation support included. In combination with the GW20479 to be connected in line.

GW20499



CABLE FOR CONNECTING PC TO COMMAND UNIT

Code	Length (m)	Connectors	Pack Carton
GW 20 499	2	MINI DIN 8 Pin RS 232 9 Pin	1

CHARACTERISTICS: cable for optional connection of the unit control GW20470 and GW20481 with the serial port of a PC, for storage of system layout and modifications to functional parameters.

SYSTEM INTERFACES

GW90823



GSM REMOTE CONTROL INTERFACE - RF BURGLAR ALARM DEVICE - DIN RAIL MOUNTING

Code	RF range in free field	No. DIN modules	Pack Carton
GW 90 823	100 m	3	1

CHARACTERISTICS: the module requires a backup power supply from a rechargeable 9V battery (included). The product allows an interface with the RF burglar alarm system, creating command functions (activation, deactivation, slicing) and system status signalling functions (insertion status, anomalies, alarms, tampering) via text messages.

NOTES: this product must only be used in combination with the GW90821 remote control, from which it receives the power supply via a row connection (flat-cable).

GW20476



KNX INTERFACE - BURGLAR ALARM COMMAND UNITS

Code	Dimensions LxHxD (mm)	Pack Carton
GW 20 476	38x32x14 mm	1

CHARACTERISTICS: interface between the KNX BUS and the GW20470, GW20481 control units of the RF burglar alarm system. Can also be configured with EASY controller.

APPLICATIONS: allows you to send connection/disconnection/slicing commands from the KNX BUS to the burglar alarm system, and to transmit connection/alarm/connection enabling commands from the burglar alarm system to the KNX BUS.

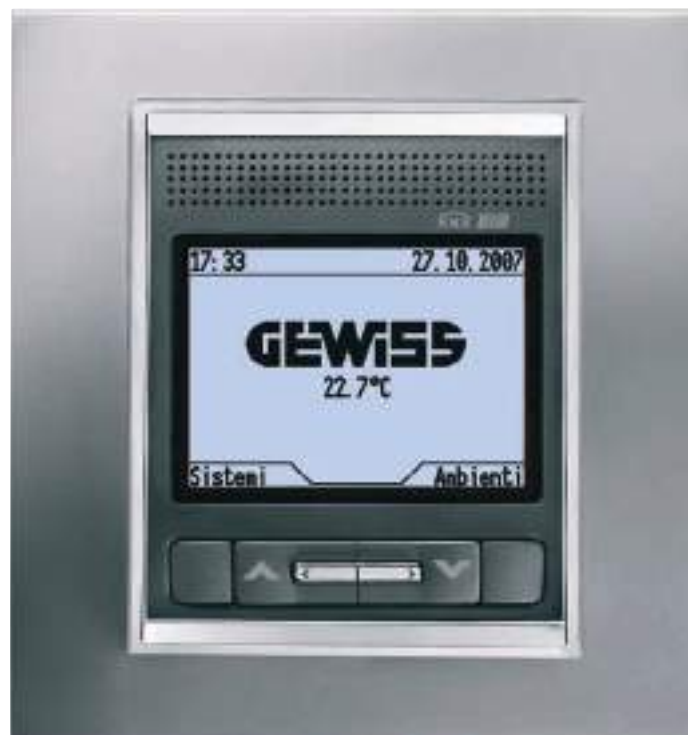
NOTES: to be installed inside the GW20470, GW20481 control units. Connection to the control unit via a mini DIN serial connector. Connection to BUS via a coupling terminal.

Chorus Building Automation

KNX BUS

A KNX protocol BUS system, according to European standard EN50090, for Home and Building Automation.

- Economic benefits thanks to advanced functions which allow “smart” automation management.
- Reliability and flexibility in system programming and management.
- Shorter installation times.



COMMAND AND VISUALISATION SUPERVISION

MASTER



GW 10 000 TB Milk white
GW 10 000 VT Titanium
GW 10 000 VA Slate

Master touchscreen command and visualisation panel
230V ac - 50/60Hz

COMMAND PANELS



GW 12 789 TB Milk white
GW 12 789 VT Titanium
GW 12 789 VA Slate

KNX command and visualisation panel
230V ac - 50/60Hz

REMOTE CONTROL

REMOTE CONTROLS



GW 90 815
KNX GSM remote control
230V ac - 50/60Hz

INTERNET GATEWAY



GW 90 816
Internet Gateway
12V dc

SYSTEM DEVICES

POWER SUPPLIES



GW 90 709
Self-protected electronic power supply
320mA 110/240V ac
50/60Hz



GW 90 710
Self-protected electronic power supply
640mA 110/240V ac
50/60Hz

COMPLEMENTARY ITEMS



GW 90 708
Line/field coupler



GW 90 705
RS 232 interface



GW 90 706A
USB interface



GW 90 707
KNX/IP router



GW 90 839
KNX/IP
WLAN interface

INPUTS

BINARY INPUTS



GW 90 721
KNX 4-channel contacts interface

ELECTRONIC PUSH-BUTTONS



GW 10 913 White
GW 12 913 Black
GW 14 913 Titanium

Push-button for BUS inputs
NO - 1M



GW 10 914 White
GW 12 914 Black
GW 14 914 Titanium

Double push-button
NO+NO - 1M - 1P
With interlock

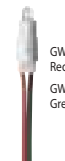
PUSH-BUTTON PANELS



KNX 4-channel push-button panel

GW 10 782 White
GW 12 782 Black
GW 14 782 Titanium

COMPLEMENTARY ITEMS



LED signalling unit
3V dc



Blanking module for housing
4-channel contacts interface

RF RECEIVER



KNX 8-channel RF receiver

DIN RAIL BINARY INPUTS

GW 10 798 White
GW 12 798 Black
GW 14 798 Titanium



GW 90 724
KNX 4-channels input
230V ac - 50/60Hz



GW 90 725
KNX 4-channels input for potential-free contacts



GW 90 720
KNX 8-channels input
230V ac - 50/60Hz



GW 90 726
KNX 8-channels input for potential-free contacts

ANALOGUE INPUTS



GW 90 763
KNX 4-channel analogue input

LIGHT INTENSITY/MOVEMENT SENSORS

MOVEMENT



GW 10 786 White
GW 12 786 Black
GW 14 786 Titanium

KNX IR movement detector with twilight sensor



GW 90 787 KNX outdoor movement detector



GW 90 782 Assembly support for KNX outdoor movement detector



GW 90 788 KNX indoor presence detector with constant light intensity control



GW 90 789 KNX indoor presence detector



GW 90 785 Surface-mounting box for KNX indoor presence detectors



GW 90 791 IR remote control

OUTPUTS

GENERAL LOADS



GW 10 796 White
GW 12 796 Black
GW 14 796 Titanium

1-channel KNX actuator 1NO/NC - 16A 230V ac - 50/60Hz



GW 90 740 KNX 4-channel actuator 4NO - 16A 230V ac - 50/60Hz



GW 90 737 KNX 8-channel actuator with manual action - 8NO - 16A 230V ac - 50/60Hz



GW 90 738 KNX 12-channel actuator with manual action - 12NO - 16A 230V ac - 50/60Hz



GW 90 739 KNX 12-channel actuator for indicator lamps/ panel lamps - 12NO - 160mA (24V dc)

SHUTTER COMMAND



GW 10 797 White
GW 12 797 Black
GW 14 797 Titanium

KNX 1-channel roller shutter actuator - 6A 230V ac - 50/60Hz



GW 90 754 KNX 2-channel roller shutter actuator - 10A 230V ac - 50/60Hz



GW 90 856 KNX 2-channel roller shutter actuator - 6A 230V ac - 50/60Hz



GW 90 857 KNX 4-channel roller shutter actuator - 6A 230V ac - 50/60Hz



GW 90 753 KNX 8-channel roller shutter actuator - 10A 230V ac - 50/60Hz

DIMMERS



GW 90 743 KNX 1-channel universal dimmer 50-500W 230V ac - 50/60Hz



GW 90 744 KNX 2-channel universal dimmer 50-300W per channel 230V ac - 50/60Hz



GW 90 759 KNX 2-channel resistive-inductive loads 300W per channel 230V ac - 50/60Hz



GW 90 748 Res. 40-500W Ind. 40-500VA KNX 1-channel dimmer - 230V ac - 50Hz



GW 90 749 For electronic transformers 40-500VA KNX 1-channel dimmer - 230V ac - 50Hz

DIMMER 1-10V



GW 90 746 KNX 1-channel dimmer for electronic ballast with manual action - 16A 230V ac - 50/60Hz



GW 90 747 KNX 3-channel dimmer for electronic ballast with manual action - 16A 230V ac - 50/60Hz

TEMPERATURE ADJUSTMENT

CLIMATE CONTROL



GW 10 791 White
GW 14 791 Titanium

KNX wall-mounting timed thermostat



GW 10 793 White
GW 14 793 Titanium

KNX wall-mounting thermostat

WEATHER SENSORS

WEATHER STATION MANAGEMENT



GW 90 800
KNX weather station
with GPS receiver



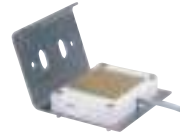
GW 90 771
Wind sensor



GW 90 772
Luminosity sensor



GW 90 773
Twilight sensor



GW 90 774
Rain sensor



GW 90 775
Temperature sensor



GW 90 769
Wind sensor for
GW 90 770
interface wind sensor



GW 90 770
Wind sensor interface
for EASY/KNX
4-channel contacts
interface
230V ac - 50/60Hz

FUNCTION DEVICES

PROGRAMMING CLOCKS



GW 90 547
KNX clock programmer
with LCD display - 2 channels 36 memories

LOGIC UNITS



GW 90 797
Logic unit

VIDEO CONTROL



Flush-mounting
colour videocamera

GW 10 770 White
GW 12 770 Black
GW 14 770 Titanium

ACCESS CONTROL AND CIRCUIT MANAGEMENT

TRANSPONDER UNIT



KNX transponder
reading unit 12-24V ac 50/60Hz
12-24V dc

GW 10 681 White
GW 12 681 Black
GW 14 681 Titanium



KNX transponder
holder unit 12-24V ac 50/60Hz
12-24V dc

GW 10 682 White
GW 12 682 Black
GW 14 682 Titanium



Transponder programming unit
Powered via USB

GW 10 683 White
GW 12 683 Black
GW 14 683 Titanium



GW 10 684
Transponder card

SOFTWARE



GW HOTEL

GW 10 691 Base
GW 10 692 Intermediate
GW 10 693 Advanced
GW 10 694 Client



GW ACCESS

GW 10 695 Base
GW 10 696 Advanced
GW 10 697 Client

EMERGENCY LIGHTING

EMERGENCY KIT



GW 81 451
GW 81 452

Kit for transforming
from conventional fluorescent
to emergency on BUS KNX

AUTONOMOUS EMERGENCY
DEVICES FOR SURFACE AND
CEILING-MOUNTING



GW 81 401
GW 81 402
GW 81 403
GW 81 404
GW 81 405
GW 81 406

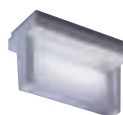
Startec KNX - NP



GW 81 411
GW 81 412
GW 81 413
GW 81 414
GW 81 415
GW 81 416

Startec KNX - P

DOUBLE-SIDED AUTONOMOUS
EMERGENCY DEVICES FOR
SURFACE AND CEILING-MOUNTING



GW 81 443
GW 81 445

Startec KNX - P



GW 81 444
GW 81 446

Startec KNX - P

AUTONOMOUS EMERGENCY DEVICES
FOR FLUSH-MOUNTING



GW 81 461
GW 81 462
GW 81 463
GW 81 464
GW 81 465
GW 81 466

Startec KNX - NP



GW 81 471
GW 81 472
GW 81 473
GW 81 474
GW 81 475
GW 81 476

Startec KNX - P

WATERTIGHT AUTONOMOUS
EMERGENCY DEVICES FOR
SURFACE AND CEILING-MOUNTING



GW 81 421
GW 81 422
GW 81 425
GW 81 426

Startec KNX - NP



GW 81 431
GW 81 432
GW 81 435
GW 81 436

Startec KNX - P

DOUBLE-SIDED AUTONOMOUS
EMERGENCY DEVICES
WITH LED



GW 81 701
GW 81 702
GW 81 703
GW 81 704

Startec KNX - P



GW 81 711
GW 81 712

Startec KNX - P



Fixing bracket

GW 81 691
GW 81 692
GW 81 693
GW 81 694



GW 81 721
GW 81 722
GW 81 723
GW 81 724

Startec KNX - P

COMPLEMENTARY ITEMS

INTERFACES



GW 20 476
KNX interface for RF burglar alarm control units



GW 90 871
KNX/DMX Gateway



GW 90 872
KNX/DALI 64/16 gateway

ACCESSORIES



GW 90 807
BUS connection
terminals



GW 90 808
SELV line connection
terminals



GW 90 805
Connector for KNX BUS
and SELV line
GW 90 806
Connector for KNX BUS



GW 90 809
Cover for data rail



GW 90 571 Data rail L=243mm
GW 90 572 Data rail L=277mm
GW 90 810 Data rail L=214mm



GW 90 583 Cable 2 conductors 1x2x0.8
GW 90 582 Cable 4 conductors 2x2x0.8

COMMAND AND VISUALISATION SUPERVISION

TOUCH SCREEN PANELS

GW10000VT



MASTER - TOUCHSCREEN CONTROL AND DISPLAY PANELS - FLUSH-MOUNTING

Code	Plate Colour	Power supply voltage	Display	For flush mounting box	Pack Carton
GW 10 000 TB	Milk white	230V ac - 50/60Hz	Colour touch screen 10.4"	GW24101	1
GW 10 000 VT	Titanium	230V ac - 50/60Hz	Colour touch screen 10.4"	GW24101	1
GW 10 000 VA	Slate	230V ac - 50/60Hz	Colour touch screen 10.4"	GW24101	1

CHARACTERISTICS: colour TFT touchscreen control panel, for commanding and controlling the KNX system.

Integrates the web server function, allowing the remote control of the system via the Internet.

Display of commands and statuses via icons on maps, images and plans. Video resolution 800x600, Linux operating system.

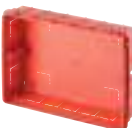
The Master panel is installed inside the BUS systems configured with ETS software.

APPLICATIONS: local and remote (via the Internet) control of the KNX system, logical functions, timed programming, automatic sending of e-mails relating to operations.

Any remote control PC used does not require specific software: just use an Internet Browser.

NOTES: to be used in combination with the flush-mounting box GW24101 (not included).

GW24101



FLUSH-MOUNTING BOX FOR MASTER

Code	Outer dim. LxHxD (mm)	Pack Carton
GW 24 101	306x238x80	1/14

COMMAND PANELS

GW12789VT



KNX CONTROL AND DISPLAY PANELS - FLUSH-MOUNTING - LUX

Code	Plate Colour	Power supply voltage	Display	For flush-mounting boxes	Dimensions LxHxD (mm)	Pack Carton
GW 12 789 TB	Milk white	230V ac - 50/60Hz	Monochromatic 2,8"	GW24237	150x160x57 mm	1
GW 12 789 VT	Titanium	230V ac - 50/60Hz	Monochromatic 2,8"	GW24237	150x160x57 mm	1
GW 12 789 VA	Slate	230V ac - 50/60Hz	Monochromatic 2,8"	GW24237	150x160x57 mm	1

CHARACTERISTICS: control panel with backlit LCD graphic, for commanding and controlling the KNX system.

Equipped with 6 front navigation button keys. With rechargeable backup battery. To be configured with ETS software.

APPLICATIONS: for commanding and controlling the KNX devices installed.

Used to control the burglar alarm system and create timed command sequences.

It also works as: clock, calendar, thermometer, memo, timer.

REMOTE CONTROL

REMOTE CONTROL

GW90815



KNX GSM REMOTE CONTROL - DIN RAIL MOUNTING

Code	Power supply voltage	No. DIN modules	Pack Carton
GW 90 815	230V ac - 50/60Hz	6	1

CHARACTERISTICS: via the GSM network (for example from a mobile phone - text messages), the device allows you to send commands

to the KNX actuators. It is also possible to transmit information deriving from devices connected to the BUS, via text messages, to a prefixed telephone number.

Via a PC (USB port), it is possible to set the outgoing messages and the telephone numbers to be used for calling.

To be configured with ETS software.

APPLICATIONS: for commanding and controlling the KNX devices installed.

The outgoing information (text messages) relate to the status of the actuators commanded.

NOTES: equipped with coupling terminal with protection lid and GSM antenna, for connection to BUS.

Backup batteries (3 x AAA rechargeable) not included.

The configuration software can be downloaded from the page relating to the product on the website www.gewiss.com.

INTERNET GATEWAY

GW90816



INTERNET GATEWAY

Code	Power supply voltage	Dimensions LxHxD (mm)	Pack Carton
GW 90 816	12V dc	158x28x158 mm	1

CHARACTERISTICS: the device acts as an embedded web server and allows you to manage and control the KNX system

via the Internet, or locally via a LAN. Equipped with 2 RJ45 Ethernet 10/100 Mbit/s gates.

The Internet Gateway is installed inside the BUS systems configured with ETS software.

APPLICATIONS: remote control, via the Internet, of the KNX system, logical functions, timed programming, automatic sending of e-mails relating to operations.

Any remote control PC used does not require specific software: just use an Internet Browser.

Plug power supply included.

SYSTEM DEVICES

POWER SUPPLIES

GW90710



SELF-PROTECTED ELECTRONIC POWER SUPPLIES 110/240V - 50/60HZ - IP20 - DIN RAIL MOUNTING

Code	Output voltage	Current supplied (max)	No. DIN modules	Pack Carton
GW 90 709	30V dc +/- 2V (SELV)	320 mA	4	1
GW 90 710	30V dc +/- 2V (SELV)	640 mA	4	1

CHARACTERISTICS: integrated coil to avoid the mains voltage interfering with the BUS line. Reset push-button for restoring all the devices connected to the BUS line.

APPLICATIONS: the power supply feeds and controls the BUS voltage.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

The maximum number of devices that can be powered is calculated on the basis of their consumption.

COMPLEMENTARY ITEMS

GW90708



LINE/FIELD COUPLING - IP20 - DIN RAIL MOUNTING

Code	Functions	No. DIN modules	Pack Carton
GW 90 708	Coupler - Repeater	2	1

APPLICATIONS: for the logic connection and the galvanic separation of lines and areas (fields).

NOTES: equipped with 2 coupling terminals for connection to BUS.

GW90705



RS 232 INTERFACE - IP20 - DIN RAIL MOUNTING

Code	Max speed	Max RS232 cable length	No. DIN modules	Connection	Pack Carton
GW 90 705	19,200 bit/s	15 m	2	Connector SUB-D 9 pin	1

CHARACTERISTICS: green LED = ready for use; yellow LED = data transmission.

APPLICATIONS: to connect a PC with RS232 interface to the KNX BUS.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90706A



USB INTERFACE - IP20 - DIN RAIL MOUNTING

Code	Max USB cable length	No. DIN modules	Pack Carton
GW 90 706 A	5 m	2	1

CHARACTERISTICS: B-type USB connector.

APPLICATIONS: to connect a PC with USB interface to the KNX BUS.

NOTES: equipped with coupling terminal for connection to BUS.

GW90707



KNX / IP ROUTER - IP20 - DIN RAIL MOUNTING

Code	Power supply	No. DIN modules	Max power consumption	Pack Carton
GW 90 707	12/24V ac/dc	2	800 mW	1

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90839



KNX/IP WIRELESS INTERFACE

Code	Power supply	Description	Dimensions LxHxD (mm)	Pack Carton
GW 90 839	9V dc	KNX/IP - WLAN interface	135x35x67	1

APPLICATIONS: to connect PC-type wireless devices (WLAN IEEE 802.11b/g), PDAs, etc. to the KNX BUS.

NOTES: 9V dc plug power supply included. Equipped with screw terminal for connection to BUS.

INPUTS

BINARY INPUT MODULES



GW90721

KNX 4-CHANNEL CONTACTS INTERFACE - RETRACTABLE

Code	No. input channels	No. output channels	Max cables length	Dimensions LxHxD (mm)	Pack Carton
GW 90 721	4	4	10 m	38x32x14 mm	1

CHARACTERISTICS: BUS interface for connecting 4 push-buttons or conventional potential-free contacts.

The reading voltage (SELV) is generated inside the device. For each input there is an output available, to power a low power consumption LED (less than 1mA, for example GW10898 and GW10899) to visualise the status of the commanded load. To be configured with ETS software.

APPLICATIONS: installation in flush-mounting box, junction box or embedded in the blanking modules GW10751, GW12751, GW14751.

The slot on the plastic shell also allows it to be fixed with screws.

NOTES: equipped with coupling terminal for connection to the BUS, and unshielded cables for connecting the inputs (30cm long, extendible to 10m with unshielded, braided cable).



GW10898

MINIATURE LAMPS WITH WIRED LEAD AND LED LAMP

Code	Power supply voltage	Lamp	Colour	Cable Colour	Pack Carton
GW 10 898	3V dc	Led	Red	Red - black	50
GW 10 899	3V dc	Led	Green	Green - black	50

NOTES: the miniature lamps with wired lead are equipped with power cables.

If connected to the interfaces GW90721, GW90834 they do not require the use of a current limiting resistance. In this case, the maximum current consumption is less than 1mA.



GW14751

BLANKING MODULE FOR HOUSING 4-CHANNEL CONTACTS INTERFACE - FLUSH-MOUNTING

Code	Colour	No. Chorus modules	Pack Carton
GW 10 751	White	1	5/200
GW 12 751	Black	1	5/200
GW 14 751	Titanium	1	5/200

CHARACTERISTICS: 1-gang blanking module with pad printing KNX/EIB.

NOTES: allows the housing and quick identification of the 4-channel contact interface GW90834 or GW90721; embedded coupling.



GW14782

KNX 4-CHANNEL PUSH-BUTTON PANELS - FLUSH-MOUNTING

Code	Colour	No. channels	No. Chorus modules	Pack Carton
GW 10 782	White	4	2	1
GW 12 782	Black	4	2	1
GW 14 782	Titanium	4	2	1

CHARACTERISTICS: push-button panel with 4 button keys/4 channels, with integrated coupling unit for KNX BUS. Each button key is associated with an amber LED for night-time localisation, and a green LED to display the status of the commanded load. To be configured with ETS software.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS, and with set of icons to personalise the button key functions.



GW14913

ELECTRONIC PUSH-BUTTON FOR BUS INPUTS

Code	Type of contact	Type of use	No. Chorus modules	Pack Carton
COLOUR: WHITE				
GW 10 913	Potential-free	BUS contacts interfaces	1	1/12
COLOUR: BLACK				
GW 12 913	Potential-free	BUS contacts interfaces	1	1/12
COLOUR: TITANIUM				
GW 14 913	Potential-free	BUS contacts interfaces	1	1/12

CHARACTERISTICS: push-button for BUS inputs, suitable for KNX BUS contact interface connections (e.g. GW90721, GW90834, etc.). Equipped with amber/green 2-colour LED with colour selector (can be set up to work as a night-time localisation lamp or to indicate the load status).



GW14914

DOUBLE ELECTRONIC PUSH-BUTTON

Code	Type of contact	No. Chorus modules	Pack Carton
COLOUR: WHITE			
GW 10 914	Dual, potential-free and with interlock	1	1/12
COLOUR: BLACK			
GW 12 914	Dual, potential-free and with interlock	1	1/12
COLOUR: TITANIUM			
GW 14 914	Dual, potential-free and with interlock	1	1/12

CHARACTERISTICS: double push-button suitable for connecting KNX BUS contact interfaces (ex: GW90721, GW90834, etc.) or electronic control panels for moving roller shutters.

GW14798



KNX 8-CHANNEL RF RECEIVERS - FLUSH-MOUNTING

Code	Colour	N. RF input channels	No. Chorus modules	Pack Carton
GW 10 798	White	8	2	1
GW 12 798	Black	8	2	1
GW 14 798	Titanium	8	2	1

CHARACTERISTICS: 8-channel radio receiver to interface the command devices of the "RF Command and Control" system with the actuators of the KNX system. Each radio input channel can be associated with up to 4 command devices. To be configured with ETS software.

APPLICATIONS: allows you to send ON-OFF commands with fronts management, reversal commands, timed commands, priority commands and commands to manage roller shutters, dimmers, scenes (storage and activation).

NOTES: equipped with coupling terminal with protection lid, for connection to BUS. To be used in combination with: RF push-button panels, RF remote controls, RF movement detectors, RF timed thermostats, RF two-way timed thermostats and RF input modules.

GW90724



KNX INPUT TERMINAL - 230V 50/60HZ - IP20 - DIN RAIL MOUNTING

Code	No. Input channels	Max cable length	No. DIN modules	Pack Carton
GW 90 724	4	100 m	2,5	1

CHARACTERISTICS: a yellow LED for each input channel indicates its status. A green LED indicates the ready-for-use status of the device (after the loading of the application with ETS). Evaluation of input signal: "0" if the voltage is < 40V ac; "1" if the voltage is > 160V ac.

APPLICATIONS: for connecting up to four 230V ac inputs; for example switches, push-buttons and other devices, with 230V ac output.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90725



KNX INPUT TERMINAL FOR POTENTIAL-FREE CONTACTS - IP20 - DIN RAIL MOUNTING

Code	No. Input channels	Max cable length	No. DIN modules	Pack Carton
GW 90 725	4	50 m	2,5	1

CHARACTERISTICS: reading of the contacts with an impulsive SELV signal of max 10V and 2mA generated inside the device.

A yellow LED for each input indicates its status. Green LED = display of the ready-for-use state (after the loading of the application with ETS).

APPLICATIONS: for connecting up to 4 push-buttons/conventional switches with potential-free contacts.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90720



KNX INPUT TERMINAL - 230V 50/60HZ - IP20 - DIN RAIL MOUNTING

Code	No. Input channels	Max cable length	No. DIN modules	Pack Carton
GW 90 720	8	100 m	4	1

CHARACTERISTICS: a yellow LED for each input channel indicates its status.

A green LED displays the ready-for-use state (after the loading of the application with ETS).

APPLICATIONS: for connecting up to 8 conventional 230V ac inputs; for example switches, push-buttons and other devices, with 230V ac output.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90726



KNX INPUT TERMINAL FOR POTENTIAL-FREE CONTACTS - IP20 - DIN RAIL MOUNTING

Code	No. Input channels	Max cable length	No. DIN modules	Pack Carton
GW 90 726	8	50 m	4	1

CHARACTERISTICS: reading of the contacts with an impulsive SELV signal of max 10V and 2mA generated inside the device.

A yellow LED for each input indicates its status. Green LED = display of the ready-for-use state (after the loading of the application with ETS).

APPLICATIONS: for connecting up to 8 push-buttons/conventional switches with potential-free contacts.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

ANALOGUE INPUT DEVICE

GW90763



KNX ANALOGUE INPUT - DIN RAIL MOUNTING

Code	Power supply	No. of channels	No. DIN modules	Pack Carton
GW 90 763	24V ac/dc	4	4	1

CHARACTERISTICS: integrates BUS coupler, BCU1-type. Detects input current/voltage signals of the respective value of: 0...20mA; 4...20mA; 0...1V; 0...10V.

APPLICATIONS: acquires analogical signals from external sensors, and sends them as information on the BUS.

NOTES: equipped with coupling terminal for connection to BUS. The device must be powered with the power supply GW90780.

LIGHT INTENSITY/MOVEMENT SENSORS

DEVICES

GW14786



KNX IR MOVEMENT DETECTORS WITH TWILIGHT SENSOR - FLUSH-MOUNTING

Code	Colour	Recovery time	Threshold adjustment	No. Chorus modules	Pack Carton
GW 10 786	White	10s - 1min	10 - 500 lux	2	1
GW 12 786	Black	10s - 1min	10 - 500 lux	2	1
GW 14 786	Titanium	10s - 1min	10 - 500 lux	2	1

CHARACTERISTICS: movement sensor with detection conditioned by the brightness level set. Non-divisible, adjustable lens. Operating range: 10m. Vertical bearing angle: 30°. Horizontal bearing angle: 105°. Light threshold value adjustable by means of the frontal access trimmer or ETS parameter. The cycle time can be set via ETS and modified ($\pm 50\%$) via the front access trimmer. Frontal green LED signals movement detection, and command entry. To be configured using ETS software.

APPLICATIONS: allows you to send timed commands to the movement detector.

The device is able to manage a safety pause upon the deactivation of the piloted load. For installation indoors.

NOTES: fitted with coupling terminal with protective cover for connection to the bus.

GW90787



KNX OUTDOOR MOVEMENT DETECTORS WITH TWILIGHT SENSOR - IP55

Code	Max range	Light sensor	Colour	Pack Carton
GW 90 787	16 m	3...1.000 lux	White	1

CHARACTERISTICS: wall and ceiling-mounting, without additional accessories.

Angled fixing by means of the accessory GW90782. Spherical head that can be adjusted horizontally, vertically and along its axis, to adapt the operating range to the environmental conditions. Limitation of the single lens sectors by means of a flexible cover cap. Manual timing: from 1 second to 8 minutes;

Via ETS: from 3 seconds to 152 hours.

APPLICATIONS: to check areas, with a surveillance range of 220°. For the first 4 metres, the surveillance range is 360°.

NOTES: equipped with coupling terminal for connection to BUS. Cover plate and cover cap for limiting the operating range; screws and wall plugs.

GW90782



ASSEMBLY SUPPORT FOR KNX OUTDOOR MOVEMENT DETECTOR

Code	Suitable for	Pack Carton
GW 90 782	GW90787	1

APPLICATIONS: for fixing the movement/light-sensitive detector on inner and outer angles.

Possibility of mounting on conduits, using brackets available on the market.

NOTES: screws and wall plugs included.

GW90788



KNX INDOOR PRESENCE DETECTOR WITH CONSTANT LIGHT INTENSITY CONTROL

Code	Max range	Light sensor	Colour	Pack Carton
GW 90 788	6 m, h= 2.5 mt	10...1.000 lux	White	1

CHARACTERISTICS: surveillance range 360°. Ceiling installation: flush-mounting on round box diameter 60mm, or on wall mounting box GW90785.

APPLICATIONS: for environments where it is necessary to keep the lighting level constant (lux).

NOTES: equipped with coupling terminal for connection to BUS. Metal frame for fixing to the box.

GW90789



KNX INDOOR PRESENCE DETECTOR

Code	Max range	Light sensor	Colour	Pack Carton
GW 90 789	6 m, h= 2.5 mt	10...1.000 lux	White	1

CHARACTERISTICS: surveillance range 360°. Ceiling installation: flush-mounting on round box diameter 60mm, or on wall mounting box GW90785.

APPLICATIONS: for environments where it is necessary to activate the lighting only when people are present; with an adjustable light threshold.

NOTES: equipped with coupling terminal for connection to BUS. Metal frame for fixing to the box.

GW90785



SURFACE-MOUNTING BOX FOR KNX INDOOR PRESENCE DETECTORS

Code	Type of detectors	Colour	Pack Carton
GW 90 785	GW90788 GW90789	White	1

APPLICATIONS: for the surface-mounting of indoor presence detectors.

GW90791



IR REMOTE CONTROL (TRANSMITTER)

Code	Max range	No. of channels	Power supply batteries	Colour	Pack Carton
GW 90 791	Up to 20 m	10	N.2 tipo AAA LR03 1,5V	Black	1

APPLICATION: for the infrared control of the indoor presence detectors GW90788 and GW90789.

CHARACTERISTICS: batteries not supplied.

OUTPUTS

OUTPUT MODULES FOR GENERAL LOADS

GW14796



KNX 1-CHANNEL 16A ACTUATORS - FLUSH-MOUNTING

Code	Colour	Output contacts	No. Chorus modules	Pack Carton
GW 10 796	White	1NO/NC16A(AC1)/10A(AC15)230Vac	2	1
GW 12 796	Black	1NO/NC16A(AC1)/10A(AC15)230Vac	2	1
GW 14 796	Titanium	1NO/NC16A(AC1)/10A(AC15)230Vac	2	1

CHARACTERISTICS: 1-channel actuator for activating loads via potential-free output contact (NO/NC).

Equipped with front push-button for local implementation, signalling LED for closure of output contact and night-time localisation LED. To be configured with ETS software.

APPLICATIONS: Suitable for commanding uncompensated fluorescent lamps with a maximum current of 4A.

For discharge lamps and compensated fluorescent lamps, the use of an auxiliary relay is recommended. **NOTES:** equipped with coupling terminal with protection lid, for connection to BUS.

GW90740



KNX 4-CHANNEL 16A ACTUATOR - DIN RAIL MOUNTING

Code	No. output channels	Output contacts	No. DIN modules	Pack Carton
GW 90 740	4	4NO 16A(AC1)/10A(AC15) 230V ac	4	1

CHARACTERISTICS: 4-channel actuator for activating loads via potential-free output contacts (NO).

Incandescent lamps (230V ac): 3000W, halogen lamps (230V ac): 3000W, loads piloted from toroidal transformers: 3000W, loads piloted from electronic transformers: 2000W, energy saving lamps (compact fluorescent): 80x23W. Max switchover current 16A (AC1), 16AX (140µF ref. EN 60669-1) fluorescent loads with maximum surge current 400A (200µs).

Equipped with front push-buttons for local implementation, and signalling LED for closure of output contact. To be configured with ETS software.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90737



KNX ACTUATOR WITH MANUAL ACTION - 230V - IP20 - DIN RAIL MOUNTING

Code	No. output channels	Resistive load	Inductive load	No. DIN modules	Pack Carton
GW 90 737	8	8NO 16A (cos.fi 1) 230V ac	8NO 16A(cos.fi 0.6)230V ac	8	1

CHARACTERISTICS: rated voltage of output contacts 230V ac. Incandescent max 3600W, halogen max 2500W, compensated fluorescent lamps max 2500VA. For discharge lamps, the use of an auxiliary relay is recommended.

A yellow LED for each output indicates its status. Green LED = display of the ready-for-use state (after the loading of the application with ETS).

Resistive load = 16A (cos.fi 1); inductive load = 16A (cos.fi 0.6); capacitive load 16A (max 200 µF).

APPLICATIONS: for independently activating eight circuits via closing contacts, with manual activation.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90738



KNX ACTUATOR WITH MANUAL ACTION - 230V - IP20 - DIN RAIL MOUNTING

Code	No. output channels	Resistive load	Inductive load	No. DIN modules	Pack Carton
GW 90 738	12	12NO 16A(cos.fi 1) 230V ac	12NO 16A(cos.fi 0.6) 230V ac	12	1

CHARACTERISTICS: rated voltage of output contacts 230V ac. Incandescent max 3600W, halogen max 2500W, fluorescent compensated lamps max 2500VA. For discharge lamps, the use of an auxiliary relay is recommended.

A yellow LED for each output indicates its status. Green LED = display of the ready-for-use state (after the loading of the application with ETS).

Resistive load = 16A (cos.fi 1); inductive load = 16A (cos.fi 0.6); capacitive load 16A (max 200 µF).

APPLICATIONS: for independently activating twelve circuits via closing contacts, with manual activation.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90739



KNX ACTUATOR - 24V - IP20 - DIN RAIL MOUNTING

Code	No. output channels	Current consumption	No. DIN modules	Pack Carton
GW 90 739	12	Max 2 A	4	1

CHARACTERISTICS: integrates the BUS coupler of the BCU1 type. The outputs require an external rated power supply voltage of 24V DC (min 12V DC, max 36V DC). The max current for each output is 160 mA; short-circuit protection.

A green LED indicates the ready-for-use status of the device (after the loading of the application with ETS).

APPLICATIONS: for commanding twelve indicator lamps or relays.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

OUTPUT MODULES FOR ROLLER SHUTTER COMMAND

GW14797



KNX 1-CHANNEL 6A ROLLER SHUTTER ACTUATORS - FLUSH-MOUNTING

Code	Colour	Max output current	No. Chorus modules	Pack Carton
GW 10 797	White	6A-230V ac (compl.60669-2-1)	2	1
GW 12 797	Black	6A-230V ac (compl.60669-2-1)	2	1
GW 14 797	Titanium	6A-230V ac (compl.60669-2-1)	2	1

CHARACTERISTICS: 1-channel actuator to activate a motor to move roller-shutters, curtains, Venetian blinds, rolling blinds, etc.

via 2 potential-free interlocked output contacts (NO). Equipped with two front push-buttons for local implementation, two LEDs to signal the closure of the outputs contacts, and two LEDs for night-time localisation. To be configured with ETS software.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90754



KNX ROLLER SHUTTER ACTUATOR - 230V - IP20 - DIN RAIL MOUNTING

Code	No. output channels	Inductive load	No. DIN modules	Pack Carton
GW 90 754	2	10A (cos fi 0.6)	4	1

CHARACTERISTICS: rated power max 1000W for each motor.

APPLICATIONS: for independently activating and adjusting two motors for roller shutters, roller blinds, Venetian blinds, skylights, etc.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90856



KNX ROLLER SHUTTER ACTUATORS - 230V - IP20 - DIN RAIL MOUNTING

Code	No. channels	Max output current	No. DIN modules	Pack Carton
GW 90 856	① 2	6A-230V ac (compl.60669-2-1)	4	1
GW 90 857	① 4	6A-230V ac (compl.60669-2-1)	4	1

CHARACTERISTICS: 2- and 4-channel actuators to activate motors to move roller-shutters, curtains, venetian blinds, rolling blinds, etc. via respectively 4 and 8 potential-free interlocked output contacts (NO). With 4 (8) frontal push-buttons for local activation, and 4 (8) LEDs indicating output contact closure. Configurable with Easy configurator.**APPLICATIONS:** carries out commands of movement/adjustment/stopping, along with priority commands, scene management and alarm signalling commands.**NOTES:** equipped with coupling terminal with protection lid, for connection to BUS.

GW90753



KNX ROLLER SHUTTER ACTUATOR - 230V - IP20 - DIN RAIL MOUNTING

Code	No. output channels	Inductive load	No. DIN modules	Pack Carton
GW 90 753	8	10A (cos fi 0.6)	8	1

CHARACTERISTICS: rated power max 1000W for each motor.

APPLICATIONS: for independently activating and adjusting eight motors for roller shutters, roller blinds, Venetian blinds, skylights, etc.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

DIMMER OUTPUT MODULES

GW90746



KNX DIMMER ACTUATOR FOR ELECTRONIC BALLASTS 1 - 10V - 1-CHANNEL - 230V - IP20 - DIN RAIL MOUNTING

Code	No. of channels	Inductive load	Capacitive load	No. DIN modules	Pack Carton
GW 90 746	1	16A (cos fi 0.6)	16 A (max 200 uF)	2,5	1

CHARACTERISTICS: two outputs: one is a relay output (230V AC) for dissecting the power supply on the ballast, and the other is a low voltage output (1-10V DC) for controlling the ballast. Incandescent lamps - max 3600W; halogen lamps - max 2500W; halogen lamps with electronic transformer - max 2000W; fluorescent lamps without PF. correction - 3600V A. A green LED displays the ready-for-use state (after the loading of the application with ETS).

APPLICATIONS: for adjustment and switchover of electronic transformers/ballasts 1-10V.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90747



KNX DIMMER ACTUATOR FOR ELECTRONIC BALLASTS 1 - 10V - 3-CHANNEL - 230V - IP20 - DIN RAIL MOUNTING

Code	No. of channels	Inductive load	Capacitive load	No. DIN modules	Pack Carton
GW 90 747	3	16A (cos fi 0.6)	16 A (max 200 uF)	4	1

CHARACTERISTICS: six outputs: three are relay outputs (230V AC) for dissecting the power supply on the ballast, and the other three are low voltage outputs (1-10V DC) for controlling the ballast. Incandescent lamps - max 3600W; halogen lamps - max 2500W; halogen lamps with electronic transformer - max 2000W; fluorescent lamps without PF. correction - 3600V A. A green LED displays the ready-for-use state (after the loading of the application with ETS).

APPLICATIONS: for adjustment and switchover of electronic transformers/ballasts 1-10V.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90759



KNX DIMMER ACTUATOR FOR RESISTIVE-INDUCTIVE LOADS - 230V - IP20 - DIN RAIL MOUNTING

Code	No. of channels	Power max.	No. DIN modules	Pack Carton
GW 90 759	2	300 W each channel	6	1

CHARACTERISTICS: a green LED indicates that the device is ready to be used (after the loading of the application with ETS).

The device is self-protected against short-circuiting and overloading.

APPLICATIONS: for the adjustment and switchover of incandescent lamps and winding transformers that can be used with dimmers.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90744



KNX UNIVERSAL DIMMER ACTUATORS - IP20 - DIN RAIL MOUNTING

Code	No. of channels	Power max.	Power min.	No. DIN modules	Pack Carton
GW 90 743	1	500 W	50 W	4	1
GW 90 744	2	300 W each channel	50 W	4	1

CHARACTERISTICS: the devices (each single channel) are protected against short circuiting and overloading.

Avoid the connection of mixed loads on one single channel.

APPLICATIONS: for regulating and switching over incandescent lamps, halogen lamps and low voltage halogen lamps (fed by electronic transformers and winding transformers).

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90748



KNX 500W RESISTIVE/INDUCTIVE DIMMER ACTUATOR - DIN RAIL MOUNTING

Code	Power supply voltage	Incandescent lamp power	Inductive load power	No. DIN modules	Pack Carton
GW 90 748	230V ac - 50Hz	40 - 500 W	40 - 500 VA	4	1

CHARACTERISTICS: dimmer actuator for adjusting the brightness of incandescent lamps and halogen lamps controlled by winding transformers. Soft start function to protect lamps. Front LED to indicate load status.

APPLICATIONS: execution of ON-OFF commands, timed commands, priority commands, light adjustment commands and scenes management.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS.

GW90749



KNX 500VA DIMMER ACTUATOR FOR ELECTRONIC TRANSFORMERS - IP20 - DIN RAIL MOUNTING

Code	Power supply voltage	Incandescent lamp power	Halogen lamp power	No. DIN modules	Pack Carton
GW 90 749	230V ac - 50Hz	40 - 500 W	40 - 500 VA	4	1

CHARACTERISTICS: dimmer actuator for adjusting the brightness of incandescent lamps and LV halogen lamps controlled by electronic transformers.

Soft start function to protect lamps. Front LED to indicate load status.

APPLICATIONS: execution of ON-OFF commands, timed commands, priority commands and light adjustment commands.

NOTES: equipped with coupling terminal with protection lid, for connection to BUS. Not suitable for use with winding transformers.

TEMPERATURE ADJUSTMENT

TEMPERATURE ADJUSTMENT

GW14791



KNX TIMED THERMOSTATS - WALL-MOUNTING

Code	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 10 791	White	130x92x23 mm	1
GW 14 791	Titanium	130x92x23 mm	1

CHARACTERISTICS: timed thermostat with weekly programming, for controlling the heating/conditioning systems on KNX BUS.

3-level temperature profile (comfort, pre-comfort, economy). Adjustment with 2-point control (ON/OFF) or proportional control (PWM).

Equipped with backlit LCD display. To be configured with ETS software.

APPLICATIONS: possibility to combine with GW10793, GW14793 thermostats, to adjust the temperature in specific areas.

In this case, the timed thermostat acts as a master, sending the temperature profile or corresponding set point values to the BUS.

NOTES: equipped with coupling terminal for connection to BUS. The device requires a backup power supply with 2 AAA alkaline batteries (not included), to guarantee the calendar (day time) is updated even in the case of a power failure on the BUS.

GW14793



KNX THERMOSTATS - WALL-MOUNTING

Code	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 10 793	White	85x95x23 mm	1
GW 14 793	Titanium	85x95x23 mm	1

CHARACTERISTICS: thermostat for controlling the heating/conditioning systems on the BUS. Adjustment with 2-point control (ON/OFF) or proportional control (PWM). Equipped with backlit LCD display. To be configured with ETS software.

APPLICATIONS: possibility to combine with timed thermostats GW10791, GW14791, to adjust the temperature in specific areas.

In this case, the thermostat acts as a slave, following the temperature profile sent by the master (timed thermostat), using the set point values or the locally defined relative variance values. It also allows you to control the fan coils.

NOTES: equipped with coupling terminal for connection to BUS. Equipped with rechargeable backup battery to guarantee the updating of the calendar (day, time) in the event of a lack of voltage to the BUS.

ACCESS CONTROL AND CIRCUIT MANAGEMENT

TRANSPONDER UNIT



GW14681

KNX TRANSPONDER READING UNIT - FLUSH-MOUNTING

Code	Colour	Power supply	No. Chorus modules	Pack Carton
GW 10 681	White	12/24V ac/dc	3	1
GW 12 681	Black	12/24V ac/dc	3	1
GW 14 681	Titanium	12/24V ac/dc	3	1

CHARACTERISTICS: recognises the GW10684 transponder cards, bringing them within at least 3cm. Incorporates two relays for activating electric systems or users, such as electro-locks, courtesy lights, etc.

NOTES: equipped with coupling terminal for connection to BUS.



GW14682

KNX TRANSPONDER HOLDER UNIT - FLUSH-MOUNTING

Code	Colour	Power supply	No. Chorus modules	Pack Carton
GW 10 682	White	12/24V ac/dc	3	1
GW 12 682	Black	12/24V ac/dc	3	1
GW 14 682	Titanium	12/24V ac/dc	3	1

CHARACTERISTICS: equipped with housing for GW10684 transponder cards, allowing them to be recognised and notifying of the presence of supervision (e.g. reception). This unit also incorporates two relays for activating electric systems or users.

NOTES: equipped with coupling terminal for connection to BUS.



GW14683

TRANSPONDER PROGRAMMING UNIT

Code	Colour	No. Chorus modules	Pack Carton
GW 10 683	White	3	1
GW 12 683	Black	3	1
GW 14 683	Titanium	3	1

CHARACTERISTICS: powered directly via USB port (5V 150mA). Configures the transponder cards, GW10684 assigning the level of access.

The product is supplied already installed in a 4 gang table console complete with CHORUS ONE range plates.

NOTES: for the programming it is necessary to install one of the GW Hotel or GW Access software programs on the PC.



GW10684

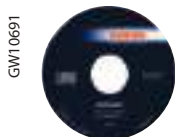
TRANSPONDER CARD

Code	Dimensions LxH (mm)	Pack Carton
GW 10 684	86x54	10/40

CHARACTERISTICS: can be programmed via the transponder programming unit. The same card can be activated for more than one transponder reading unit.

NOTES: space available for customizing.

SOFTWARE



GW10691

GW HOTEL

Code	Versions	No. areas managed	No. password levels	Pack Carton
GW 10 691	Base	up to 75	2	1
GW 10 692	Intermediate	up to 150	5	1
GW 10 693	Advanced	over 150	7	1
GW 10 694	Client			1

CHARACTERISTICS: suitable for managing access areas in hotels.

Software package developed to dialogue with standard devices on KNX BUS.

Includes user licence and hardware key. Basic GW Hotel must be installed in a single PC;

Intermediate and Advanced GW Hotel can be installed in a server that guarantees access via a client PC (one for each licence).

Client GW Hotel allows you to increase the number of user licences.

NOTES: the different password levels identify the number of access levels for reception workers.



GW10695

GW ACCESS

Code	Versions	No. Areas managed	No. password levels	Pack Carton
GW 10 695	Base	up to 50	2	1
GW 10 696	Advanced	over 50	7	1
GW 10 697	Client			1

CHARACTERISTICS: suitable for managing access in selected areas and in time bands.

Software package developed to dialogue with standard devices on KNX BUS.

Includes user licence and hardware key. Basic GW Access must be installed in a single PC;

Advanced GW Access can be installed on a server that guarantees access via a client PC (one for each licence).

Client GW Access allows you to increase the number of user licences.

NOTES: the different password levels identify the number of access levels for reception workers.

WEATHER SENSORS

DEVICES



GW90800

KNX WEATHER STATION - IP44

Code	Power supply	Assembly	Dimensions LxHxD (mm)	Pack Carton
GW 90 800	24V ac/dc, max. 100mA	Wall/pole-mounting	96x77x118	1

CHARACTERISTICS: includes the following sensors: rain, temperature (from -40°C to +80°C), luminosity (from 0 lux to 150000 lux), wind (from 0 m/s to 70 m/s). The weather station includes a GPS receiver for determining coordinates, data and hour.

APPLICATIONS: the weather station stores and processes the analogue signals coming from the embedded sensors.

NOTES: equipped with coupling terminal for connection to BUS.



GW90769

WIND SENSOR - IP65

Code	IP protection class	Pack Carton
GW 90 769	IP65	1

CHARACTERISTICS: anemometer to be used in combination with the wind sensor interface GW90770.



GW90770

WIND SENSOR INTERFACE

Code	Power supply	Dimensions LxHxD (mm)	IP protection class	Pack Carton
GW 90 770	230V ac - 50/60 Hz	110x95x38 mm	IP55	1

CHARACTERISTICS: allows the wind sensor GW90769 to be interfaced with a contact interface (e.g. GW90834, GW90721, etc.).

Generates an alarm signal, via a potential-free, NO contact, on the basis of the wind intensity (adjustable with 10 threshold values, 3.3...24.5m/s).

Surface-mounting.



GW90771

WIND SENSOR - IP65

Code	Output	Measurement interval	Power supply	Current consumption	Pack Carton
GW 90 771	0-10V	0.7...40 m/s, linear	24V dc (18-32V dc)	12 mA	1

CHARACTERISTICS: possibility to connect to weather station GW90779 or to the analogical input GW90763, which require a 24V dc power supply to the sensor.

APPLICATIONS: analyses the wind speed and converts it into an output voltage 0...10V.

NOTES: mounting support.



GW90772

LIGHT SENSOR - IP65

Code	Output	Measurement interval	Power supply	Current consumption	Dimensions LxHxD (mm)	Pack Carton
GW 90 772	0-10V	0...60.000 lux	24V dc (18-32V dc)	5 mA	58x35x64	1

CHARACTERISTICS: possibility to connect to the weather station GW90779 or to the analogical input GW90763, which require a 24V dc power supply to the sensor. Output with short-circuiting protection.

APPLICATIONS: detects and analyses the light level and commutes it into an output voltage 0...10V.



GW90773

TWILIGHT SENSOR - IP65

Code	Output	Measurement interval	Power supply	Current consumption	Dimensions LxHxD (mm)	Pack Carton
GW 90 773	0-10V	0...255 lux	24V dc (18-32V dc)	5 mA	58x35x64	1

CHARACTERISTICS: possibility to connect to weather station GW90779 or to the analogical input GW90763, which require a 24V dc power supply to the sensor. Output with short-circuiting protection.

APPLICATIONS: detects and analyses the light level and commutes it into an output voltage 0...10V.



GW90774

RAIN SENSOR - IP65

Code	Output	Heater power supply	Power supply	Current consumption	Pack Carton
GW 90 774	0V = dry - 10V = rain	24V ac/dc 500 mA	24V dc (18-32V dc)	10 mA	1

CHARACTERISTICS: by means of a sensor, analyses the conductivity of the rainwater.

Using a built-in heater, the device immediately detects the end of the rainfall.

Possibility to connect to the weather station GW90779 which requires a 24V dc power supply to the sensor.

APPLICATIONS: detects and analyses the rainfall.



GW90775

TEMPERATURE SENSOR - IP65

Code	Output	Measurement interval	Power supply	Current consumption	Dimensions LxHxD (mm)	Pack Carton
GW 90 775	0-10V	from -30°C to 70°C	24V dc (18-32V dc)	3 mA	58x35x64	1

CHARACTERISTICS: possibility to connect to weather station GW90779 or to the analogical input GW90763, which require a 24V dc power supply to the sensor. Output with short-circuiting protection.

APPLICATIONS: measures the temperature and commutes it into a signal 0...10V.

FUNCTION DEVICES

GW90547



KNX CLOCK PROGRAMMER WITH LCD DISPLAY - IP20 - DIN RAIL MOUNTING

Code	No. of channels	No. memories	No. DIN modules	Pack Carton
GW 90 547	2	36	2	1

CHARACTERISTICS: min. switchover time: 1 minute. Displaying elements: LCD display to visualise the times and the status of the outputs.

Local control: 7 push-buttons for activating / programming. Power supply: via BUS line.

APPLICATIONS: 2-channel programming clock, including BUS coupler.

Using the keyboard on the front, it is possible to set 24 cycles for each channel, with free groupings of the days of the week.

NOTES: connection to BUS with screwless coupling terminals.

GW90797



KNX LOGIC UNIT - IP20 - DIN RAIL MOUNTING

Code	No. DIN modules	Pack Carton
GW 90 797	1	1

CHARACTERISTICS: BUS connection with press-on contacts on the data rail.

APPLICATIONS: can be used as a multifunction module for controlling lights, backlit scenes, logical combinations, telegram filter function.

VIDEO CONTROL

GW14770



COLOUR CAMERA MODULE - FLUSH-MOUNTING

Code	Colour	Power supply	Video signal	No. Chorus modules	Pack Carton
GW 10 770	White	12V dc	Standard PAL	2	1
GW 12 770	Black	12V dc	Standard PAL	2	1
GW 14 770	Titanium	12V dc	Standard PAL	2	1

CHARACTERISTICS: the flush-mounting colour cameras allow you to create an indoor video control system in the domestic sector.

The device is equipped with a colour camera that can be manually adjusted both horizontally and vertically.

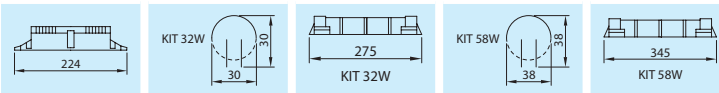
EMERGENCY LIGHTING

EIB KIT

GW81451



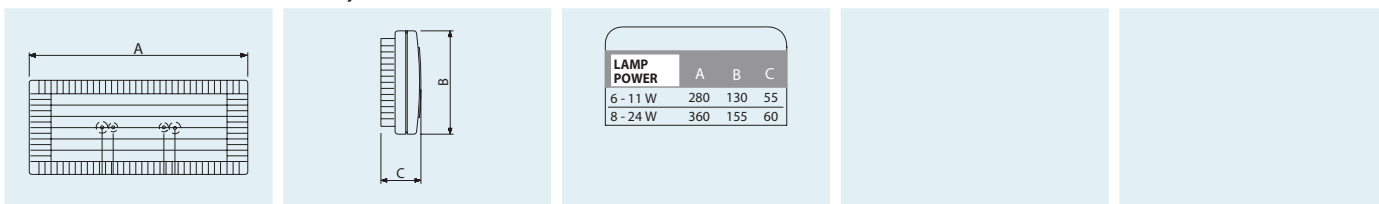
KIT FOR TRANSFORMING FROM CONVENTIONAL FLUORESCENT DEVICE TO KNX BUS CENTRALISED EMERGENCY DEVICE



Code	Lamp power	Accumulator type	Autonomy	Pack Carton
VOLTAGE: 230 V - 50 / 60 Hz				
GW 81 451	11 - 32 W	Ni-Cd	1 h	1
GW 81 452	24 - 58 W	Ni-Cd	1 h	1

NOTE: transformation kit for lamps with starter not integrated in the base. Refer to the specific table to check the suitability for the type of lamp.

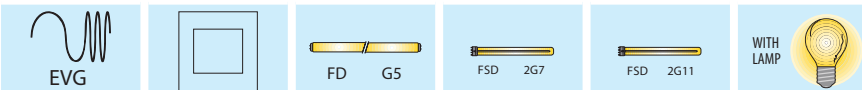
AUTONOMOUS EMERGENCY DEVICES, SURFACE- AND CEILING-MOUNTING



GW81401



STARTEC EIB - NM - IP40 - CLASS II



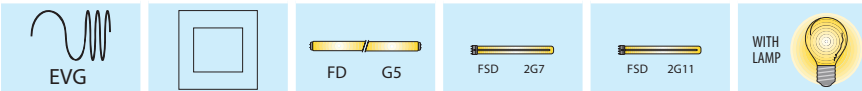
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Pack Carton
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 401	8 W	FD	G5	Ni-Cd	1 h	118	1.2	1/6
GW 81 402	8 W	FD	G5	Ni-Cd	3 h	100	1.3	1/6
GW 81 403	11 W	FSD	2G7	Ni-Cd	1 h	350	1	1/12
GW 81 404	11 W	FSD	2G7	Ni-Cd	3 h	270	1.2	1/12
GW 81 405	24 W	FSD	2G11	Ni-Cd	1 h	480	1.4	1/6
GW 81 406	24 W	FSD	2G11	Ni-Cd	3 h	435	1.8	1/6

ACCESSORIES SUPPLIED: lamp.

GW81411



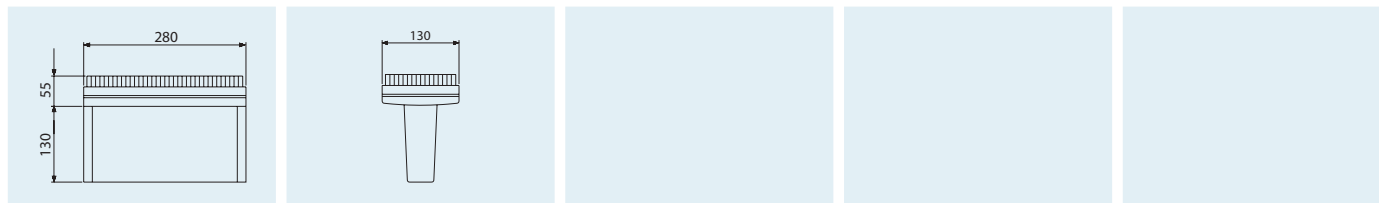
STARTEC EIB - M - IP40 - CLASS II



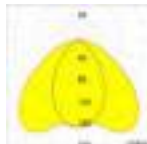
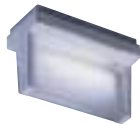
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Pack Carton
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 411	8 W	FD	G5	Ni-Cd	1 h	90	1.2	1/6
GW 81 412	8 W	FD	G5	Ni-Cd	3 h	85	1.3	1/6
GW 81 413	11 W	FSD	2G7	Ni-Cd	1 h	255	1	1/12
GW 81 414	11 W	FSD	2G7	Ni-Cd	3 h	270	1.2	1/12
GW 81 415	24 W	FSD	2G11	Ni-Cd	1 h	405	1.4	1/6
GW 81 416	24 W	FSD	2G11	Ni-Cd	3 h	405	1.8	1/6

ACCESSORIES SUPPLIED: lamp.

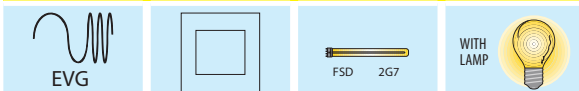
DOUBLE-SIDED AUTONOMOUS EMERGENCY DEVICES, CEILING-MOUNTING



GW81443



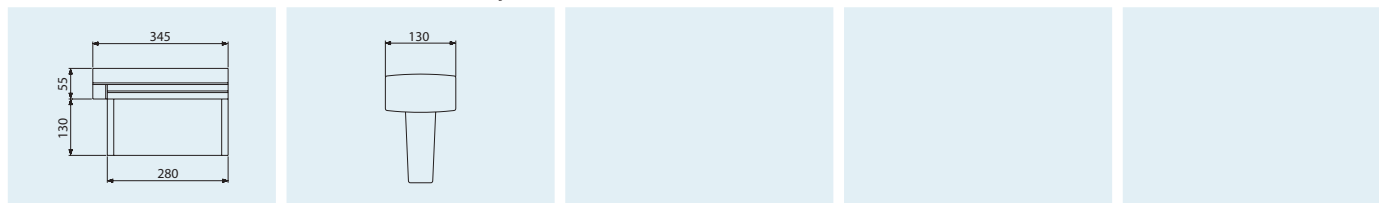
STARTEC EIB - M - IP40 - CLASS II



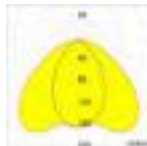
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Pack Carton
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 443	11 W	FSD	2G7	Ni-Cd	1 h	158	1.3	1/4
GW 81 445	11 W	FSD	2G7	Ni-Cd	3 h	172	1.5	1/4

ACCESSORIES SUPPLIED: lamp.

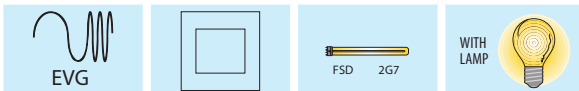
DOUBLE-SIDED AUTONOMOUS EMERGENCY DEVICES, SURFACE-MOUNTING



GW81444



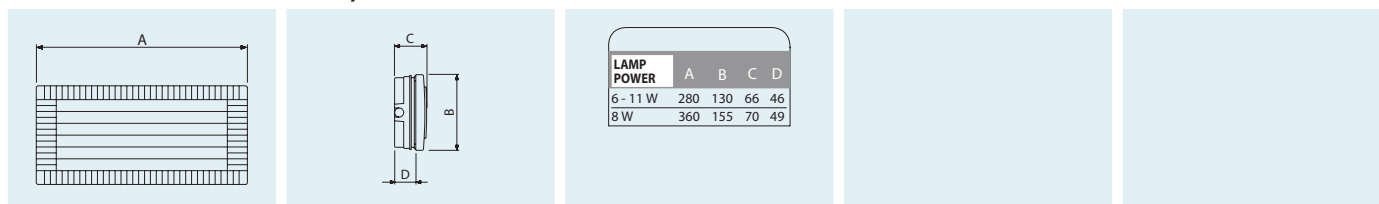
STARTEC EIB - M - IP40 - CLASS II



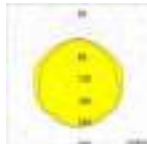
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Pack Carton
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 444	11 W	FSD	2G7	Ni-Cd	1 h	158	1.6	1/4
GW 81 446	11 W	FSD	2G7	Ni-Cd	3 h	172	1.8	1/4

ACCESSORIES SUPPLIED: lamp.

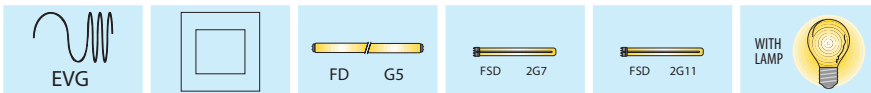
AUTONOMOUS EMERGENCY DEVICES, FLUSH-MOUNTING



GW81461



STARTEC EIB - NM - IP40 - CLASS II



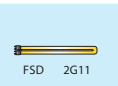
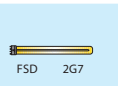
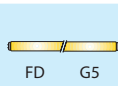
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Pack Carton
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 461	8 W	FD	G5	Ni-Cd	1 h	118	1.5	1/6
GW 81 462	8 W	FD	G5	Ni-Cd	3 h	100	1.6	1/6
GW 81 463	11 W	FSD	2G7	Ni-Cd	1 h	350	1.2	1/10
GW 81 464	11 W	FSD	2G7	Ni-Cd	3 h	270	1.4	1/10
GW 81 465	24 W	FSD	2G11	Ni-Cd	1 h	480	1.7	1/6
GW 81 466	24 W	FSD	2G11	Ni-Cd	3 h	435	2.1	1/6

ACCESSORIES SUPPLIED: lamp and flush-mounting box.

GW81471



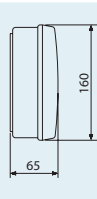
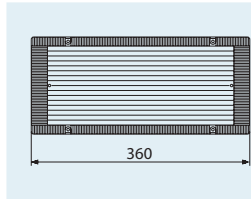
STARTEC EIB - M - IP40 - CLASS II



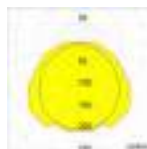
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Pack Carton
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 471	8 W	FD	G5	Ni-Cd	1 h	90	1.5	1/6
GW 81 472	8 W	FD	G5	Ni-Cd	3 h	85	1.6	1/6
GW 81 473	11 W	FSD	2G7	Ni-Cd	1 h	255	1.2	1/10
GW 81 474	11 W	FSD	2G7	Ni-Cd	3 h	255	1.4	1/10
GW 81 475	24 W	FSD	2G11	Ni-Cd	1 h	405	1.7	1/6
GW 81 476	24 W	FSD	2G11	Ni-Cd	3 h	405	2.1	1/6

ACCESSORIES SUPPLIED: lamp and flush-mounting box.

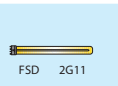
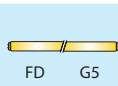
WATERTIGHT AUTONOMOUS EMERGENCY DEVICES, SURFACE- AND CEILING-MOUNTING



GW81421



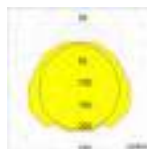
STARTEC EIB - NM - IP65 - CLASS II



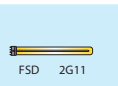
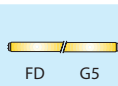
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Pack Carton
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 421	8 W	FD	G5	Ni-Cd	1 h	110	1.3	1/6
GW 81 422	8 W	FD	G5	Ni-Cd	3 h	100	1.4	1/6
GW 81 425	24 W	FSD	2G11	Ni-Cd	1 h	300	1.5	1/6
GW 81 426	24 W	FSD	2G11	Ni-Cd	3 h	240	1.9	1/6

ACCESSORIES SUPPLIED: lamp.

GW81431



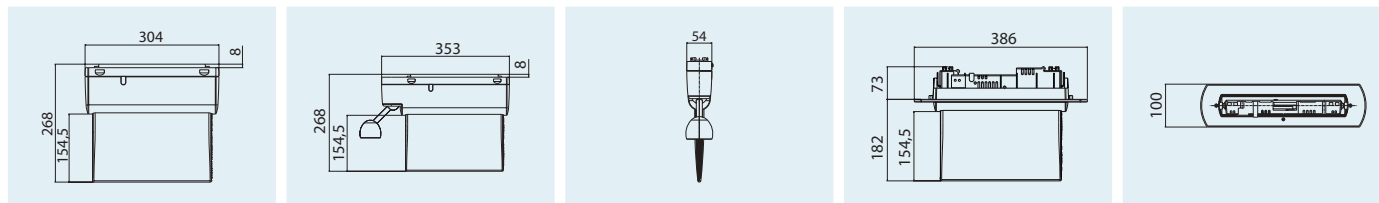
STARTEC EIB - M - IP65 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Pack Carton
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 431	8 W	FD	G5	Ni-Cd	1 h	90	1.3	1/6
GW 81 432	8 W	FD	G5	Ni-Cd	3 h	81	1.4	1/6
GW 81 435	24 W	FSD	2G11	Ni-Cd	1 h	250	1.5	1/6
GW 81 436	24 W	FSD	2G11	Ni-Cd	3 h	240	1.9	1/6

ACCESSORIES SUPPLIED: lamp.

DOUBLE-SIDED AUTONOMOUS LED EMERGENCY DEVICES



CHORUS - BUILDING AUTOMATION

GW81701



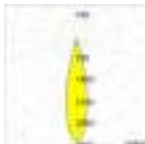
STARTEC EIB - P - IP42 - CLASS II - SURFACE-MOUNTING AND CEILING-MOUNTING



Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Pack Carton
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 701	3 W	LED	Ni-Mh	1 h	29.8	White	1.5	1/4
GW 81 702	3 W	LED	Ni-Mh	3 h	29.8	White	1.6	1/4
GW 81 703	3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.5	1/4
GW 81 704	3 W	LED	Ni-Mh	3 h	29.8	Titanium grey	1.6	1/4

NOTES: for surface-mounting, the product must be completed with the special installation brackets.
For ceiling-mounting, brackets are not needed.
Visibility distance in compliance with Standard EN 1838.

GW81711



STARTEC EIB - P WITH DIRECTIONAL LIGHTING - IP42 - CLASS II - SURFACE-MOUNTING AND CEILING-MOUNTING



Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Pack Carton
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 711	3+3 W	LED	Ni-Mh	1 h	29.8	White	1.7	1/4
GW 81 712	3+3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.7	1/4

NOTES: for surface-mounting, the product must be completed with the special installation brackets.
For ceiling-mounting, brackets are not needed.
Visibility distance in compliance with Standard EN 1838.

GW81691



FIXING BRACKET

Code	Type of installation	Colour	Pack Carton
GW 81 691	Perpendicular to the wall	White	1/24
GW 81 692	Parallel to the wall	White	1/24
GW 81 693	Perpendicular to the wall	Titanium grey	1/24
GW 81 694	Parallel to the wall	Titanium grey	1/24

GW81721



STARTEC EIB - P - IP42 - CLASS II - FLUSH-MOUNTING



Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Pack Carton
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 721	3 W	LED	Ni-Mh	1 h	29.8	White	1.5	1/4
GW 81 722	3 W	LED	Ni-Mh	3 h	29.8	White	1.6	1/4
GW 81 723	3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.5	1/4
GW 81 724	3 W	LED	Ni-Mh	3 h	29.8	Titanium grey	1.6	1/4

NOTES: the device is supplied complete with design cover and flush-mounting finishing.
Visibility distance in compliance with Standard EN 1838.

COMPLEMENTARY ITEMS

INTERFACES

GW20476



KNX INTERFACE - BURGLAR ALARM CENTRES

Code	Dimensions LxHxD (mm)	Pack Carton
GW 20 476	38x32x14 mm	1

CHARACTERISTICS: interface between the KNX BUS and the GW20470, GW20481 control units of the RF burglar alarm system.
APPLICATIONS: allows you to send connection/disconnection/slicing commands from the KNX BUS to the burglar alarm system, and to transmit connection/alarm/connection enabling commands from the burglar alarm system to the KNX BUS.
NOTES: to be installed inside the GW20470, GW20481 control units.
 Connection to the control unit via a mini DIN serial connector.
 Connection to BUS via a coupling terminal.

GW90871



KNX/DMX GATEWAY

Code	Power supply	No. DMX channels	Dimensions LxHxD (mm)	Pack Carton
GW 90 871	9-30V dc, 100mA	512	107x75x31 mm	1

APPLICATIONS: one-way interface that can receive the KNX BUS commands and re-transmit them towards the devices on the DMX BUS.
 The interface manages up to 512 DMX channels.
NOTES: equipped with coupling terminal for connection to BUS.

GW90872



KNX/DALI 64/16 GATEWAY - DIN RAIL MOUNTING

Code	Power supply	Max no. DALI units	Max no. DALI devices	No. DIN modules	Pack Carton
GW 90 872	110-240V ac - 50/60Hz, 100mA	16	64	6	1

APPLICATIONS: interface that - via KNX BUS - can control up to 64 lamps (subdivided into 16 groups) managed with the DALI protocol.
NOTES: equipped with coupling terminal for connection to BUS.

ACCESSORIES

GW90805



BUS AND SELV LINE CONNECTOR - IP20 - DIN RAIL MOUNTING

Code	Connection	No. DIN modules	Pack Carton
GW 90 805	bus KNX + linea SELV	1	1/10

APPLICATIONS: for connecting up to eight BUS lines and eight SELV voltage lines to the data rail, by means of BUS connection terminals.
NOTES: a BUS connection terminal.

GW90806



BUS CONNECTOR - IP20 - DIN RAIL MOUNTING

Code	Connection	No. DIN modules	Pack Carton
GW 90 806	bus KNX	1	1/10

APPLICATIONS: for connecting up to eight BUS lines to the data rail, by means of BUS connection terminals.
NOTES: two BUS connection terminals.

GW90807



CONNECTION TERMINAL TO BUS

Code	Colour	Pack Carton
GW 90 807	Red - black	50

APPLICATIONS: for connecting up to 4 pairs of conductors. Can also be used as a junction terminal.

GW90808



CONNECTION TERMINAL TO SELV LINE

Code	Colour	Pack Carton
GW 90 808	Yellow - white	50

APPLICATIONS: for connecting up to 4 pairs of conductors. Can also be used as a junction terminal.

GW90809



DATA RAIL COVER

Code	Length (mm)	No. DIN modules	Pack Carton
GW 90 809	242	14	1/5

APPLICATIONS: insulating cover to protect the unused parts of the data rail.
 Fixed on the DIN rail by applying pressure, and can be shortened to the required length.

GW90810



DATA RAIL

Code	Length (mm)	No. DIN modules	Pack Carton
GW 90 810	214	12	1/5

APPLICATIONS: for connecting to the BUS the assembly devices on DIN rail with press-on contacts on the rail.
To be used in combination with DIN rails with a depth of 5mm.

GW90571



DATA RAILS

Code	Length (mm)	No. DIN modules	Pack Carton
GW 90 571	243	14	1/10
GW 90 572	277	16	1/10

The product satisfies the safety regulations for SELV power supply, so the rail must not be shortened or modified, and the unused parts must be protected with the special cover (code GW90809).

CHARACTERISTICS: printed circuit with 4 tracks (BUS + additional power supply) with adhesive strip for sticking to the inside of the DIN rails.
To be used in combination with DIN rails with a depth of 5mm.

GW90582



KNX BUS CABLES

Code	Type	Description	Ø (mm)	Colour	Pack Carton
GW 90 583	2 conductors 1 x 2 x 0.8	LSZH Cable sheath	5.2	Green	100
GW 90 582	4 conductors 2 x 2 x 0.8	LSZH Cable sheath	6.1	Green	100

Can be installed with the 230V power supply cable, and are recommended for protruding or flush assembly, for arrangement in conduits, in dry environments, and outdoors if protected against direct solar irradiation.

In the GW90582 KNX cable, the first duplex cable (red + black) is used for the power supply and the data transmission of the KNX devices; the second (yellow + white) can be used for another SELV service power supply.

In the KNX cable GW90583, the duplex cable (red + black) is used for the power supply and the data transmission of the KNX devices.

CHARACTERISTICS: GW90582 BUS cable for shielded installation consisting of 2 pairs of twisted wires. Colours - black/red + yellow/white.
GW90583 BUS cable for shielded installation consisting of 1 pair of twisted wires. Colours - black/red.

SYSTEM range

Universal domestic range

Universal domestic range in satin black button key and glossy white button key versions.

- Wide range of products to meet any installation requirement.
- 3 ranges of plates in up to 14 colours with 1-to-12 position modularity.
- A unique range offering flush- and wall-mounting solutions and solutions for special applications.
- 16 AX devices for the control of fluorescent loads.



SYSTEM RANGE

UNIVERSAL DOMESTIC RANGE

COMMAND - SYSTEM WHITE

ONE-WAY SWITCHES



GW 20 571 - 16AX
1P - 250V ac
General



GW 20 572 - 16AX
1P - 250V ac
Backlit 230V ac



GW 20 583 - 16AX
1P - 250V ac
Illuminable



GW 20 503
2P - 16AX - 250V ac
General



GW 20 504
2P - 16AX - 250V ac
Backlit - 230V ac



GW 20 584
2P - 16AX - 250V ac
Illuminable



GW 20 005
2P - 10AX - 250V ac
With key



GW 20 585
25A 250V ac

THREE-WAY SWITCH



GW 20 559
1P - 10AX - 250V ac
Positions 1 - 0 - 2

TWO-WAY SWITCHES



GW 20 576 - 16AX
1P - 250V ac
General



GW 20 577 - 16AX
1P - 250V ac
Backlit 230V ac



GW 20 588 - 16AX
1P - 250V ac
Illuminable



GW 20 008
1P - 10A - 250V ac
With key



GW 20 589
Two-way switch 16AX
Illuminable

REVERSING SWITCH



GW 20 579 - 16AX
1P - 250V ac
General



GW 20 580
Reversing switch 16AX
Illuminable

SYSTEM RANGE

PUSH-BUTTONS



GW 20 510
1P - NO - 10A
250V ac
General



GW 20 515
Backlit - 230V ac
GW 20 516
Backlit - 12/24V



GW 20 529
1P - NO - 10A - 250V ac
Illuminable



GW 20 511
1P - NO - 10A
250V ac
Open door



GW 20 512
1P - NO - 10A
250V ac
Bell



GW 20 513
1P - NO - 10A
250V ac
Lamp



GW 20 514
1P - NO - 10A
250V ac
Stair light



GW 20 530
2P - NO - 10A
250V ac



GW 20 522
1P - NO - 10A - 250V ac
NC auxiliary Start



GW 20 523
1P - NC - 10A - 250V ac
NO auxiliary Stop



GW 20 518
2P - NO - 10A - 250V ac
With pull-cord



GW 20 520
1P - NO+NO - 10A
250V ac
With interlock



GW 20 521
1P - NO+NO - 10A
250V ac
With interlock



GW 20 519
1P - NC - 10A
250V ac
General



GW 20 517
2P - NO - 10A
250V ac
General



GW 20 591
1P - NO - 10A - 250V ac
With illuminable name-plate and coupling
for 56 x 36mm cartridge lamps



GW 20 024
1P - NO - 10A - 250V ac
With illuminable name-plate and coupling
for 56 x 36mm cartridge lamps



GW 20 527
Push-button 10A
Illuminable

COMMAND DEVICES SYMBOL DISCS



GW 20 583
1P - 16AX - 250V ac
One-way switch



GW 20 588
1P - 16AX - 250V ac
Two-way switch



GW 20 528
1P - 10AX - 250V ac
Three-way switch



GW 20 529
1P - NO - 10A - 250V ac
Push-button



GW 20 531
1P - NC - 10A - 250V ac
Push-button

MINIATURE LAMP



GW 10 893
GW 30 943
GW 30 944
GW 30 946
GW 30 947

12/24V ac/dc
230V ac
230V ac
110/230V ac
110/230V ac

White
Red
Green
Light blue
White

CARTRIDGE LAMP



GW 20 902 56 x 36
GW 20 903 56 x 36
GW 20 904 56 x 31
GW 20 905 56 x 31
GW 20 906 56.3 x 28
GW 20 908 56.3 x 28

12V ac/dc
24V ac/dc
12V ac/dc
24V ac/dc
110/230V ac
110/230V ac

SYMBOL DISCS



GW 20 533
Neutral



GW 20 537



GW 20 538



GW 20 539



GW 20 549



GW 20 550



GW 20 551



GW 20 595



GW 20 561



GW 20 562



GW 20 563



GW 20 564



GW 20 565



GW 20 540

General services



GW 20 542



GW 20 592



GW 20 593



GW 20 596



GW 20 597

Technical services



GW 20 594



GW 20 566



GW 20 567



GW 20 568



GW 20 569



GW 20 570

Numerical services

IR



GW 20 821
Infrared
movement
detector
230V ac - 50/60Hz

RELAY



GW 20 071
Latching 1P
GW 20 072
Latching 2P
230V ac



GW 20 074
Momentary
NO/NC - 10A
250V ac



GW 20 076
Call
NO/NC - 1A
12V ac

BLANKING MODULES AND OUTLET



GW 20 056
1 gang
GW 20 073
2 gang



GW 20 058
1 gang with cable output
Ø 4 and 8mm

• = Supplied without lamp. They use miniature lamp units.

POWER AND SIGNAL TAKE-OFF - SYSTEM WHITE

ITALIAN										
	GW 20 201 2P+ E - 10A 250V ac	GW 20 203 2P+ E - 10/16A 250V ac	GW 20 295 2P+ E - 10/16A 250V ac	GW 20 281 2P+ E - 10/16A 250V ac	GW 20 286 2P+ E - 10/16A 250V ac	GW 20 291 Quick wiring - 3 terminal blocks 2 x 2P+ E - 10/16A - 250V ac				
	ITALIAN/GERMAN									
						SWISS 				
	GW 20 205 2P+ E - 10/16A P30 250V ac	GW 20 246 2P+ E - 10/16A 250V ac	GW 20 296 2P+ E - 10/16A 250V ac	GW 20 282 2P+ E - 10/16A 250V ac	GW 20 287 2P+ E - 10/16A 250V ac		GW 20 351 2P+ E - 10A - 250V ac Type 12			
	GERMAN			FRENCH						
GW 20 265 2P+ E - 10/16A 250V	GW 20 297 2P+ E - 16A 250V ac	GW 20 283 2P+ E - 16A 250V ac	GW 20 288 2P+ E - 16A 250V ac	GW 20 206 2P - 16A 250V ac	GW 20 207 2P+ E - 16A 250V ac	GW 20 312 2P+ E - 16A 250V ac				
BRITISH			AUSTRALIAN ARGENTINIAN			EUROAMERICAN/USA				
GW 20 208 2P+ E - 13A 250V ac	GW 20 209 2P+ E - 15A 250V ac			GW 20 357 GW 20 248 2P+ E - 10A 250V ac	GW 20 218 2P+ E - 15A 250V ac	GW 20 212 2P+ E - 10/15A 250/125V ac	GW 20 213 2P - 15A 125V ac	GW 20 214 2P+ E - 15A 125V ac	GW 20 216 2P+ E - 15A 250V ac	GW 20 217 2P - 15A 125/250V ac
ISRAELI			SPECIAL							
GW 20 220 2P+ E - 16A 250V ac	GW 20 298 2P+ E - 16A 250V ac			GW 20 239 For auxiliary circuits 2P - 6A - 24V (SELV)	GW 20 234 For auxiliary circuits 2P - 6A - 24V (SELV) polarised	GW 20 241 For loudspeaker	Type F (Female) 5-2400 MHz GW 20 391 - 0 dB GW 20 396 - 5 dB GW 20 392 - 10 dB GW 20 393 - 14 dB GW 20 394 - 18 dB GW 20 395 - 22 dB	Male IEC Ø 9.5mm 5-2400 MHz GW 20 381 - 0 dB GW 20 386 - 5 dB GW 20 382 - 10 dB GW 20 383 - 14 dB GW 20 384 - 18 dB GW 20 385 - 22 dB	Female IEC Ø 9.5mm resistive - 40-860 MHz GW 20 228 - 0 dB ▲ GW 20 229 - 20 dB ▲ GW 20 230 - Term. - 75Ω ▲ GW 20 231 Fitted for resistors ▲	GW 20 277 Resistance of terminal closure 75Ω
CONNECTORS FOR DATA TRANSMISSION						TELEPHONE JACKS				
GW 20 233 RJ45 - Cat. 3 UTP	GW 20 271 / RJ45 - Cat. 5e UTP GW 20 243 / RJ45 - Cat. 5e FTP	Enclosures for RJ45 GW 20 266 for IBM GW 20 267 for AVAYA GW 20 270 for AMP	GW 20 237 BNC 50/75/93Ω	GW 20 238 Unwired enclosure for SUB - D 9/15/25 PIN	GW 20 251 RJ11 GW 20 232 RJ12	GW 20 252 RJ11 Double	GW 20 235 French 8 contacts			
CONNECTORS FOR RJ12-RJ45 TOOLLESS										
			UTP GW 20 681 - Cat. 3 GW 20 682 - Cat. 5e GW 20 685 - Cat. 6	FTP GW 20 683 Cat. 5e GW 20 686 Cat. 6						

▲ = Items designated solely for export to countries outside the European Union.

SYSTEM RANGE

POWER, COMFORT AND CLIMATE MANAGEMENT - SYSTEM WHITE

SYSTEM RANGE

DIMMER FOR RESISTIVE AND INDUCTIVE LOADS



GW 20 802
Only for resistive loads
230V ac - 100/500W

GW 20 803 ▲
230V ac - 100/900W
110V ac - 100/500W
GW 20 811
With two-way switch
230V ac - 100/500W



GW 20 828 - 230V ac - 60/500W
GW 20 829
For electronic power supply units
230V ac - 40/300W
GW 20 818
For fans
230V ac - 55-80VA

PROGRAMMER



GW 20 809
Daily/weekly
2 channels - 230V ac - 50/60Hz



GW 20 825
Electronic
daily/weekly timer
230V ac - 50/60 Hz

TIMER



GW 20 810
Timed push-button
230V ac - 50/60Hz

CLIMATE CONTROL



GW 20 807
Electronic summer/winter timed
thermostat
230V ac - 50/60Hz



GW 20 808
Electronic summer/winter timed
thermostat with display
230V ac - 50Hz



GW 20 852
Electronic summer/winter timed
thermostat with knob
230V ac - 50/60Hz



GW 20 827
Timed thermostat - Daily/weekly
programming
230V ac - 50/60Hz



GW 10 701 white
GW 14 701 titanium

AUTOMATIC CIRCUIT BREAKERS



GW 20 431 - 6A
GW 20 432 - 10A
GW 20 433 - 16A
1P

GW 20 434 - 6A
GW 20 435 - 10A
GW 20 436 - 16A
1P+N

GW 20 454 - 6A
GW 20 455 - 10A
GW 20 456 - 16A
1P+N - Red
Residual current circuit
breakers
Breaking capacity 3kA
Limitation class 3



GW 20 445 - 6A
GW 20 446 - 10A
GW 20 447 - 16A
1P+N - IΔn = 6mA

GW 20 437 - 6A
GW 20 438 - 10A
GW 20 439 - 16A
1P+N - IΔn = 10mA

GW 20 448 - 6A
GW 20 449 - 10A
GW 20 450 - 16A
1P+N - IΔn = 30mA
Residual current circuit breakers
with overcurrent protection
Breaking capacity 3kA
Limitation class 3

PROTECTION DEVICES



GW 20 423
Overvoltage
limiting device
75J - 250V ac



GW 20 401
Fuse-holder
In = 16A

ANTI-BLACKOUT AND EMERGENCY



GW 20 833
Removable anti black-out lamp
230V ac - 50/60Hz



GW 20 835
Anti-blackout lamp 1M
230V ac - 50/60Hz



GW 20 834
Non-maintained lamp NP - 6 modules - 230V ac - 50/60Hz - 4W

BELLS AND BUZZERS



GW 20 613 - 12V ac
GW 20 616 - 230V ac
Bells

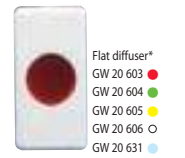


GW 20 617 - 12V ac
GW 20 620 - 230V ac
Buzzers



GW 20 643 - 230V ac
GW 20 641 - 12V ac/dc
3-way independent inputs
external volume selector

INDICATOR LAMPS



Flat diffuser*
GW 20 603 ●
GW 20 604 ●
GW 20 605 ●
GW 20 606 ○
GW 20 631 ●



Flat diffuser complete
with lamp
GW 20 607 - 230V ac
GW 20 608 - 12/24V ac/dc



GW 20 634 12/230V ac
Stair riser lamp with light
adjustment eyelid white light LED



GW 20 601 ○
GW 20 623 ● GW 20 624 ●
GW 20 625 ● GW 20 626 ●
Flat diffuser** 12/24V ac/dc



GW 20 602 ○
GW 20 627 ● GW 20 628 ●
GW 20 629 ● GW 20 630 ●
Protruding diffuser** 12/24V ac/dc



GW 20 622
Lampholder E27
They use S6x36mm cartridge-type
lamps (max 2W).

* Supplied without lamp
They use S6x31mm and S6.3x28mm cartridge-type lamps (max 2W).

GAS DETECTORS



GW 20 862
CH₄ methane gas
230V ac - 50Hz



GW 20 867
Methane detector 12V ac/dc
GW 20 868
LPG detector 12V ac/dc



GW 20 866
Power supply 12V dc
for gas detectors



GW 30 522
Gas solenoid valve
3/4" - 230V ac - 12VA

COMPONENTS FOR HOTEL INSTALLATIONS



GW 20 820
Universal badge switch with location light
1P - NO - 10A - 250V ac



GW 20 841
Shaver socket-outlet
2P - 230V ac - 50/60Hz



GW 20 853
Summer/winter thermostat for fan-coil
230V ac - 50/60Hz

▲ = Items designated solely for export to countries outside the European Union.

COMMAND - SYSTEM BLACK

ONE-WAY SWITCHES									THREE-WAY SWITCH										
	GW 21 571 1P - 16AX - 250V ac General	GW 21 572 1P - 16AX - 250V ac Backlit 230V ac	GW 21 583 1P - 16AX - 250V ac Illuminable	GW 21 503 2P - 16AX - 250V ac General	GW 21 504 2P - 16AX - 250V ac Backlit - 230V ac	GW 21 584 2P - 16AX - 250V ac Illuminable	GW 21 005 2P - 10AX - 250V ac With key	GW 21 585 20AX - 250V ac		GW 21 559 1P - 10AX - 250V ac Positions 1 - 0 - 2									
	TWO-WAY SWITCHES						REVERSING SWITCH												
		GW 21 576 1P - 16AX - 250V ac General	GW 21 577 1P - 16AX - 250V ac Backlit 230V ac	GW 21 588 1P - 16AX - 250V ac Illuminable	GW 21 008 1P - 10AX - 250V ac With key	GW 21 589 Two-way switch 16AX Illuminable		GW 21 579 1P - 16AX - 250V ac General		GW 21 580 Reversing switch 16AX Illuminable									
		PUSH-BUTTONS																	
			GW 21 510 1P - NO - 10A 250V ac General	GW 21 515 Backlit - 230V ac GW 20 5160 Backlit - 12/24V	GW 21 529 1P - NO - 10A - 250V ac Illuminable	GW 21 511 1P - NO - 10A 250V ac Open door		GW 21 512 1P - NO - 10A 250V ac Bell		GW 21 513 1P - NO - 10A 250V ac Lamp	GW 21 514 1P - NO - 10A 250V ac Stair light	GW 21 530 2P - NO - 10A 250V ac	GW 21 522 1P - NO - 10A - 250V ac NC auxiliary Start	GW 21 523 1P - NC - 10A - 250V ac NO auxiliary Stop	GW 21 518 2P - NO - 10A - 250V ac With pull-cord				
	GW 21 520 1P - NO+NO - 10A 250V ac With interlock		GW 21 521 1P - NO+NO - 10A 250V ac With interlock	GW 21 519 1P - NC - 10A 250V ac General	GW 21 517 2P - NO - 10A 250V ac General	GW 21 591 1P - NO - 10A - 250V ac With illuminable name-plate and coupling for 56 x 36mm cartridge lamps	GW 21 024 1P - NO - 10A - 250V ac With illuminable name-plate and coupling for 56 x 36mm cartridge lamps	GW 21 527 Push-button 10A Illuminable											
	COMMAND DEVICES SYMBOL DISCS							MINIATURE LAMP							CARTRIDGE LAMP				
GW 21 583 1P - 16AX - 250V ac One-way switch			GW 21 588 1P - 16AX - 250V ac Two-way switch	GW 21 528 1P - 10A - 250V ac Three-way switch	GW 21 529 1P - NO - 10A - 250V ac Push-button	GW 21 531 1P - NC - 10A - 250V ac Push-button	GW 10 893 12/24V ac/dc 230V ac White		GW 30 943 230V ac Red	GW 30 944 230V ac Green	GW 30 946 110/230V ac Light blue	GW 30 947 110/230V ac White	GW 20 902 56 x 36 12V ac/dc White	GW 20 903 56 x 36 24V ac/dc White		GW 20 904 56 x 36 12V ac/dc White	GW 20 905 56 x 31 24V ac/dc White	GW 20 906 56.3 x 28 110/230V ac Red	GW 20 908 56.3 x 28 110/230V ac Green
SYMBOL DISCS																			
			GW 20 533 Neutral	GW 20 537	GW 20 538	GW 20 539	GW 20 549		GW 20 550	GW 20 551	GW 20 595	GW 20 561	GW 20 562	GW 20 563		GW 20 564	GW 20 565		
GW 20 540	GW 20 542		GW 20 592	GW 20 593	GW 20 596	GW 20 597	GW 20 594	GW 20 566	GW 20 567	GW 20 568	GW 20 569	GW 20 570							
General services	Technical services		Numerical services																
IR	RELAY					BLANKING MODULES AND OUTLET													
		GW 21 821 Infrared movement sensor 230V ac - 50/60Hz	GW 21 071 Latching 1P GW 20 072 Latching 2P 230V ac	GW 21 074 Momentary NO/NC - 10A 250V ac	GW 21 076 Call NO/NC - 1A 12V ac		GW 21 056 1 gang GW 21 073 2 gang	GW 21 058 1 gang with cable output Ø 4 and 8mm											

• = Supplied without lamp. They use miniature lamp units.

SYSTEM RANGE

POWER AND SIGNAL TAKE-OFF - SYSTEM BLACK

SYSTEM RANGE

ITALIAN										
	GW 21 201 2P+ E - 10A 250V ac	GW 21 203 2P+ E - 10/16A 250V ac	GW 20 295 2P+ E - 10/16A 250V ac	GW 20 281 2P+ E - 10/16A 250V ac	GW 20 286 2P+ E - 10/16A 250V ac	GW 21 291 Quick wiring - 3 terminal blocks 2 x 2P+ E - 10/16A - 250V ac				
ITALIAN/GERMAN						SWISS 				
	GW 21 205 2P+ E - 10/16A P30 250V ac	GW 21 246 2P+ E - 10/16A 250V ac	GW 20 296 2P+ E - 10/16A 250V ac	GW 20 282 2P+ E - 10/16A 250V ac	GW 20 287 2P+ E - 10/16A 250V ac		GW 21 351 2P+ E - 10A - 250V ac Type 12			
GERMAN					FRENCH 					
	GW 21 265 2P+ E - 10/16A 250V	GW 20 297 2P+ E - 10/16A 250V ac	GW 20 283 2P+ E - 16A 250V ac	GW 20 288 2P+ E - 16A 250V ac		GW 21 206 2P - 16A 250V ac	GW 21 207 2P+ E - 16A 250V ac	GW 20 312 2P+ E - 16A 250V ac		
BRITISH			AUSTRALIAN ARGENTINIAN 			EUROAMERICAN/USA 				
	GW 21 208 2P+ E - 13A 250V ac	GW 21 209 2P+ E - 15A 250V ac		GW 21 248 2P+ E - 10A 250V ac	GW 21 356 2P+ E - 15A 250V ac		GW 21 212 2P+ E - 10/15A 250/125V ac	GW 21 213 2P - 15A 125V ac	GW 21 214 2P+ E - 15A 125V ac	GW 21 216 2P+ E - 15A 250V ac
ISRAELI			SPECIAL 			TELEPHONE JACKS 				
	GW 21 220 2P+ E - 16A 250V ac	GW 20 298 2P+ E - 16A 250V ac		GW 21 239 For auxiliary circuits 2P - 6A - 24V (SELV)	GW 21 234 For auxiliary circuits 2P - 6A - 24V (SELV) polarised		GW 21 241 For loudspeaker	GW 21 251 RJ11 GW 21 232 RJ12	GW 21 252 RJ11 Double	GW 21 235 French 8 contacts
TV-SAT					CONNECTORS FOR DATA TRANSMISSION 	CONNECTORS RJ12-RJ45 TOOLLESS 				
	Type F (Female) 5-2400 MHz GW 21 391 - 0 dB GW 21 396 - 5 dB GW 21 392 - 10 dB GW 21 393 - 14 dB GW 21 394 - 18 dB GW 21 395 - 22 dB	Male IEC Ø 9.5mm 5-2400 MHz GW 21 381 - 0 dB GW 21 386 - 5 dB GW 21 382 - 10 dB GW 21 383 - 14 dB GW 21 384 - 18 dB GW 21 385 - 22 dB	Female IEC Ø 9.5mm resistive - 40-860 MHz GW 21 228 - 0 dB ▲ GW 21 229 - 20 dB ▲ GW 21 230 - Term. - 75Ω ▲ GW 21 231 Fitted for resistors ▲	GW 20 277 Resistance of terminal closure 75Ω			GW 21 233 RJ45 - Cat. 3 UTP	GW 21 271 / RJ45 - Cat. 5e GW 21 684 / RJ45 - Cat. 6 UTP GW 21 243 / RJ45 - Cat. 5e FTP	Enclosures for RJ45 GW 21 266 for IBM GW 21 267 for AVAYA GW 21 270 for AMP	GW 21 237 BNC 50/75/93Ω

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POWER, COMFORT AND CLIMATE MANAGEMENT - SYSTEM BLACK

DIMMER FOR RESISTIVE AND INDUCTIVE LOADS



GW 21 802
Only for resistive loads
230V ac - 100/500W

GW 21 803 ▲
230V ac - 100/900W
110V ac - 100/500W
GW 21 811
With two-way switch
230V ac - 100/500W



GW 21 828 - 230V ac - 60/500W
GW 21 829
For electronic power supply units
230V ac - 40/300W
GW 21 818
For fans
230V ac - 55-80VA

PROGRAMMER



GW 21 809
Daily/weekly
2 channels - 230V ac - 50/60Hz



GW 21 825
Electronic
daily/weekly timer
230V ac - 50/60 Hz

TIMER



GW 21 810
Timer push-button
230V ac - 50/60Hz

CLIMATE CONTROL



GW 21 808
Electronic summer/winter timed thermostat
with display
230V ac - 50Hz



GW 21 852
Electronic summer/winter timed
thermostat with knob
230V ac - 50/60Hz



GW 21 827
Timed thermostat - Daily/weekly
programming
230V ac - 50/60Hz



GW 10 701 white
GW 14 701 titanium

SYSTEM RANGE

AUTOMATIC CIRCUIT BREAKERS



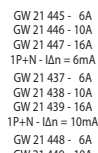
GW 21 431 - 6A
GW 21 432 - 10A
GW 21 433 - 16A
1P

GW 21 434 - 6A
GW 21 435 - 10A
GW 21 436 - 16A
1P+N

GW 20 454 - 6A
GW 20 455 - 10A
GW 20 456 - 16A
1P+N - Red
Residual current
circuit breakers
Breaking capacity 3kA
Limitation class 3



Residual current circuit breakers
with overcurrent protection
Breaking capacity 3kA
Limitation class 3



GW 21 445 - 6A
GW 21 446 - 10A
GW 21 447 - 16A
1P+N - I_{Δn} = 6mA

GW 21 437 - 6A
GW 21 438 - 10A
GW 21 439 - 16A
1P+N - I_{Δn} = 10mA

GW 21 448 - 6A
GW 21 449 - 10A
GW 21 450 - 16A
1P+N - I_{Δn} = 30mA

PROTECTION DEVICES



GW 21 423
Overvoltage
limiting device
75J - 250V ac



GW 21 401
Fuse-holder
In = 16A

ANTI-BLACKOUT AND EMERGENCY



GW 21 833
Removable anti black-out lamp
230V ac - 50/60Hz



GW 21 835
Anti-blackout lamp 1M
230V ac - 50/60Hz



GW 21 834
Non-maintained lamp NP - 6 modules - 230V ac - 50/60Hz - 4W

BELLS AND BUZZERS



GW 21 613 - 12V ac
GW 21 616 - 230V ac
Bells



GW 21 617 - 12V ac
GW 21 620 - 230V ac
Buzzers



GW 21 643 - 230V ac
GW 21 641 - 12V ac/dc
3-way independent inputs
external volume selector

INDICATOR LAMPS



Flat diffuser*
GW 21 603 ●
GW 21 604 ●
GW 21 605 ●
GW 21 606 ○
GW 21 631 ●



Flat diffuser complete
with lamp
GW 21 607 - 230V ac
GW 21 608 - 12/24V ac/dc



GW 21 634 12/230V ac/dc
Stair riser lamp with light
adjustment eyelid white light LED



GW 20 601 ○
GW 20 623 ● - GW 20 624 ●
GW 20 625 ● - GW 20 626 ●
Flat diffuser** 12/24V ac/dc



GW 20 602 ○
GW 20 627 ● - GW 20 628 ●
GW 20 629 ● - GW 20 630 ●
Protruding diffuser** 12/24V ac/dc



GW 20 622
Lampholder E27
**Supplied without lamp
They use S6x36mm cartridge-type
lamps (max 2W).

* Supplied without lamp
They use S6x31mm and S6.3x28mm cartridge-type lamps (max 2W).

GAS DETECTORS



GW 21 862
CH₄ methane gas
230V ac - 50Hz



GW 21 867
Methane detector 12V ac/dc
GW 21 868
LPG detector 12V ac/dc



GW 21 866
Power supply 12V dc
for gas detectors



GW 30 522
Gas solenoid valve
3/4" - 230V ac - 12VA

COMPONENTS FOR HOTEL INSTALLATIONS



GW 21 820
Universal badge switch with location light
1P - NO - 10A - 250V ac



GW 21 841
Shaver socket-outlet
2P - 230V ac - 50/60Hz



GW 21 853
Summer/winter thermostat for fan-coil
230V ac - 50/60Hz

▲ = Items designated solely for export to countries outside the European Union.

SYSTEM RANGE

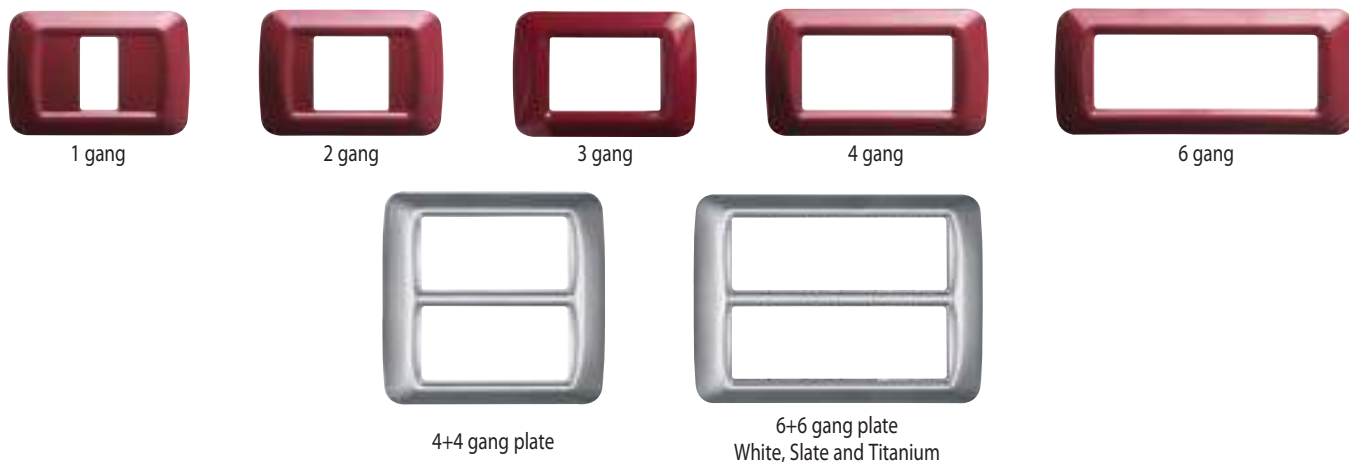
UNIVERSAL DOMESTIC RANGE

SYSTEM RANGE

TOP SYSTEM PLATES: 14 COLOURS

CLOUD WHITE		GW 22 501	1 gang	TONER BLACK		GW 22 511	1 gang
		GW 22 502	2 gang			GW 22 512	2 gang
		GW 22 503	3 gang			GW 22 513	3 gang
		GW 22 504	4 gang			GW 22 514	4 gang
		GW 22 506	6 gang			GW 22 516	6 gang
		GW 22 507	8 gang			GW 22 517	8 gang
		GW 22 508	12 gang				
GERANIUM RED		GW 22 521	1 gang	CLASSIC BURGUNDY		GW 22 531	1 gang
		GW 22 522	2 gang			GW 22 532	2 gang
		GW 22 523	3 gang			GW 22 533	3 gang
		GW 22 524	4 gang			GW 22 534	4 gang
		GW 22 526	6 gang			GW 22 536	6 gang
GW 22 527	8 gang	GW 22 537	8 gang				
VENETIAN GREEN		GW 22 541	1 gang	RACING GREEN		GW 22 551	1 gang
		GW 22 542	2 gang			GW 22 552	2 gang
		GW 22 543	3 gang			GW 22 553	3 gang
		GW 22 544	4 gang			GW 22 554	4 gang
		GW 22 546	6 gang			GW 22 556	6 gang
GW 22 547	8 gang	GW 22 557	8 gang				
SKY BLUE		GW 22 561	1 gang	JAZZ BLUE		GW 22 571	1 gang
		GW 22 562	2 gang			GW 22 572	2 gang
		GW 22 563	3 gang			GW 22 573	3 gang
		GW 22 564	4 gang			GW 22 574	4 gang
		GW 22 566	6 gang			GW 22 576	6 gang
GW 22 567	8 gang	GW 22 577	8 gang				
CORN YELLOW		GW 22 581	1 gang	ENGLISH WALNUT		GW 22 671	1 gang
		GW 22 582	2 gang			GW 22 672	2 gang
		GW 22 583	3 gang			GW 22 673	3 gang
		GW 22 584	4 gang			GW 22 674	4 gang
		GW 22 586	6 gang			GW 22 676	6 gang
GW 22 587	8 gang	GW 22 677	8 gang				
SOFT CHROME		GW 22 651	1 gang	ANTIQUE GOLD		GW 22 661	1 gang
		GW 22 652	2 gang			GW 22 662	2 gang
		GW 22 653	3 gang			GW 22 663	3 gang
		GW 22 654	4 gang			GW 22 664	4 gang
		GW 22 656	6 gang			GW 22 666	6 gang
GW 22 657	8 gang	GW 22 667	8 gang				
METALLIC TITANIUM		GW 22 601	1 gang	METALLIC SLATE		GW 22 611	1 gang
		GW 22 602	2 gang			GW 22 612	2 gang
		GW 22 603	3 gang			GW 22 613	3 gang
		GW 22 604	4 gang			GW 22 614	4 gang
		GW 22 606	6 gang			GW 22 616	6 gang
		GW 22 607	8 gang			GW 22 617	8 gang
		GW 22 608	12 gang			GW 22 618	12 gang

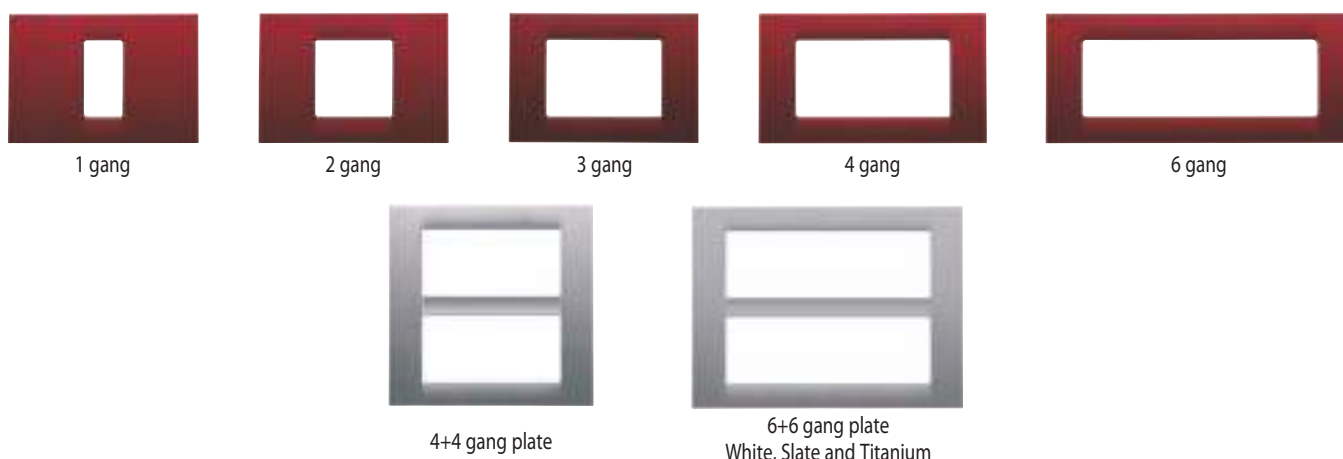
TOP SYSTEM PLATES: MODULARITY FROM 1M TO 12M



VIRNA PLATES: 14 COLOURS

CLOUD WHITE		GW 22 101	1 gang	TONER BLACK		GW 22 111	1 gang
		GW 22 102	2 gang			GW 22 112	2 gang
		GW 22 103	3 gang			GW 22 113	3 gang
		GW 22 104	4 gang			GW 22 114	4 gang
		GW 22 106	6 gang			GW 22 116	6 gang
		GW 22 107	8 gang			GW 22 117	8 gang
		GW 22 108	12 gang				
GERANIUM RED		GW 22 121	1 gang	CLASSIC BURGUNDY		GW 22 131	1 gang
		GW 22 122	2 gang			GW 22 132	2 gang
		GW 22 123	3 gang			GW 22 133	3 gang
		GW 22 124	4 gang			GW 22 134	4 gang
		GW 22 126	6 gang			GW 22 136	6 gang
		GW 22 127	8 gang			GW 22 137	8 gang
VENETIAN GREEN		GW 22 141	1 gang	RACING GREEN		GW 22 151	1 gang
		GW 22 142	2 gang			GW 22 152	2 gang
		GW 22 143	3 gang			GW 22 153	3 gang
		GW 22 144	4 gang			GW 22 154	4 gang
		GW 22 146	6 gang			GW 22 156	6 gang
		GW 22 147	8 gang			GW 22 157	8 gang
SKY BLUE		GW 22 161	1 gang	JAZZ BLUE		GW 22 171	1 gang
		GW 22 162	2 gang			GW 22 172	2 gang
		GW 22 163	3 gang			GW 22 173	3 gang
		GW 22 164	4 gang			GW 22 174	4 gang
		GW 22 166	6 gang			GW 22 176	6 gang
		GW 22 167	8 gang			GW 22 177	8 gang
CORN YELLOW		GW 22 181	1 gang	ENGLISH WALNUT		GW 22 271	1 gang
		GW 22 182	2 gang			GW 22 272	2 gang
		GW 22 183	3 gang			GW 22 273	3 gang
		GW 22 184	4 gang			GW 22 274	4 gang
		GW 22 186	6 gang			GW 22 276	6 gang
		GW 22 187	8 gang			GW 22 277	8 gang
SOFT CHROME		GW 22 251	1 gang	ANTIQUE GOLD		GW 22 261	1 gang
		GW 22 252	2 gang			GW 22 262	2 gang
		GW 22 253	3 gang			GW 22 263	3 gang
		GW 22 254	4 gang			GW 22 264	4 gang
		GW 22 256	6 gang			GW 22 266	6 gang
		GW 22 257	8 gang			GW 22 267	8 gang
METALLIC TITANIUM		GW 22 281	1 gang	METALLIC SLATE		GW 22 291	1 gang
		GW 22 282	2 gang			GW 22 292	2 gang
		GW 22 283	3 gang			GW 22 293	3 gang
		GW 22 284	4 gang			GW 22 294	4 gang
		GW 22 286	6 gang			GW 22 296	6 gang
		GW 22 287	8 gang			GW 22 297	8 gang
		GW 22 288	12 gang			GW 22 298	12 gang

VIRNA PLATES: MODULARITY FROM 1M TO 12M



COMMAND - SYSTEM WHITE

CONTROL DEVICES

GW20571



ONE-WAY SWITCHES - 250V AC

Code	Description	Type	Symbol	No. System modules	Pack Carton
GW 20 571	1P - 16AX	General		1	80/320
GW 20 572	1P - 16AX	Luminous 230V ac (0.4W)		1	30/60
GW 20 583	1P - 16AX	Illuminable		1	30/60
GW 20 503	2P - 16AX	General	0/1	1	30/60
GW 20 504	2P - 16AX	Luminous 230V ac (0.4W)		1	30/60
GW 20 584	2P - 16AX	Illuminable		1	30/60
GW 20 005	2P - 10AX	With key	0/1	1	15/30

CHARACTERISTICS: GW20583, GW20584, supplied without lamp. They use miniature lamps.

ACCESSORIES SUPPLIED: GW20572, GW20504, red miniature lamps. GW20005, 2 keys, extractable key in both positions.

GW20585



DOUBLE-POLE ONE-WAY SWITCH FOR HEAVY-DUTY INSTALLATIONS - 25A - 250V AC

Code	Description	Type	Symbol	No. System modules	Pack Carton
GW 20 585	25A	General	0/1	1	15/30

CHARACTERISTICS: suitable for particular heavy-duty loads (e.g. set of fluorescent lamp) or high consumption devices (ovens, air-conditioners, boilers, etc.).

GW20576



TWO-WAY SWITCHES - 250V AC

Code	Description	Type	Symbol	No. System modules	Pack Carton
GW 20 576	1P - 16AX	General		1	80/320
GW 20 577	1P - 16AX	Luminous 230V ac (0.4W)		1	30/60
GW 20 588	1P - 16AX	Illuminable		1	30/60
GW 20 008	1P - 10AX	With key		1	15/30

CHARACTERISTICS: GW20588, supplied without lamp. It uses miniature lamps.

ACCESSORIES SUPPLIED: GW20577, red miniature lamps. GW20008, 2 keys, extractable key in both positions.

GW20579



REVERSING SWITCH - 250V AC

Code	Description	Type	Symbol	No. System modules	Pack Carton
GW 20 579	1P - 16AX	General		1	30/60

GW20559



THREE-WAY SWITCH - 250V AC

Code	Description	Symbol	No. System modules	Pack Carton
GW 20 559	1P - 10AX	Up-down	1	30/60

CHARACTERISTICS: 3 three standing positions. Both contacts are open in the central position (OFF).

APPLICATIONS: command of circuits requiring an interlock (e.g. operating motorised devices with direction reversal).

2-user selective control.

GW20510



PUSH-BUTTONS - 250V AC

Code	Description	Type	Symbol	No. System modules	Pack Carton
GW 20 510	1P NO - 10A	General		1	80/160
GW 20 511	1P NO - 10A	With symbol	Key	1	15/30
GW 20 512	1P NO - 10A	With symbol	Bell	1	15/30
GW 20 513	1P NO - 10A	With symbol	Light	1	15/30
GW 20 514	1P NO - 10A	With symbol	Stairs	1	15/30
GW 20 515	1P NO - 10A	Luminous 230V ac (0.4W)		1	30/60
GW 20 516	1P NO - 10A	Luminous 12/24V (0.8W)		1	30/60
GW 20 529	1P NO - 10A	Illuminable		1	30/60
GW 20 519	1P NC - 10A	General	Circle	1	15/30
GW 20 520	1P NO+NO - 10A	With interlocking		1	15/30
GW 20 521	1P NO+NO - 10A	With interlocking	Up-down	1	30/60
GW 20 522	1P NO - 10A - Aux. NC	Start	Green	1	30/60
GW 20 523	1P NC - 10A - Aux. NO	Stop	Red	1	30/60
GW 20 517	2P NO - 10A	General	Double circle	1	30/60
GW 20 518	2P NO - 10A	With pull-cord		1	20/40
GW 20 530	2P NO - 10A	With key		1	15/30

CHARACTERISTICS: GW20529, supplied without lamp. It uses miniature lamps.

GW20520, GW20521, both contacts are open in the central (OFF) position.

ACCESSORIES SUPPLIED: GW20515 red miniature lamp, white miniature lamp GW20516. GW20518, cord in insulating material, 140cm long with knob.

GW20024



PUSH-BUTTONS WITH BACKLIT NAME-PLATE - 250V AC

Code	Description	Type	Lamp	Lamp voltage	Lamp power	No. System modules	Pack Carton
GW 20 591	1P NO - 10A	Illuminable	Cartridge S6x36 mm	12 - 24 V	2 W	2	15/30
GW 20 024	1P NO - 10A	Illuminable	Cartridge S6x36 mm	12 - 24 V	2 W	3	20/40

Supplied without lamp.

GW20589



WIDE-BUTTON ILLUMINABLE CONTROL DEVICES - 250V AC

Code	Description	Type	No. System modules	Pack Carton
GW 20 589	1P - 16AX	Two-way switch	2	15/30
GW 20 580	1P - 16AX	Reversing switch	2	1/15
GW 20 527	1P NO - 10A	Push-button	2	15/30

Supplied without lamp.

BLANKING MODULES AND OUTLET

GW20056



BLANKING MODULES AND OUTLET

Code	Description	No. System modules	Pack Carton
GW 20 056	1 gang	1	10/480
GW 20 073	2 gang	2	30/60
GW 20 058	1 gang with outlet for cable Ø 4 and Ø 8mm	1	60/120

APPLICATIONS: in addition to their normal use, they permit installing signal socket-outlets, microswitches and LEDs after appropriate drilling/preparation.

In addition, it is possible to apply the temperature sensor GW30703 using the special double-sided adhesive.

CONTROL DEVICES WITH SYMBOL DISCS

GW20583



ILLUMINABLE CONTROL DEVICES FITTED TO MOUNT SYMBOL DISCS - 250V AC

Code	Type	Description	No. neutral discs	No. System modules	Pack Carton
GW 20 583	Switch	1P - 16AX	1	1	30/60
GW 20 588	Two-way switch	1P - 16AX	1	1	30/60
GW 20 528	Three-way switch	1P - 10AX	1	1	30/60
GW 20 529	Push-button	1P NO - 10A	1	1	30/60
GW 20 531	Push-button	1P NC - 10A	1	1	15/30

Supplied without lamp. They use miniature lamps.

ACCESSORIES SUPPLIED: blank symbol disk.

CHARACTERISTICS: GW20528, 3 stable positions, (the product is not backlit). Both contacts are open in central position (OFF).



ILLUMINABLE SYMBOL DISCS FOR FUNCTIONAL INDICATORS

Code	Description	Symbol	Pack Carton
SUITABLE FOR: GENERAL SERVICES			
GW 20 533	Neutral		20
GW 20 537	Open door	Key	20
GW 20 538	Bell	Bell	20
GW 20 539	Light	Light	20
GW 20 540	Stair light	Stairs	20
GW 20 542	Service		20
SUITABLE FOR: TECHNICAL SERVICES			
GW 20 549	Dimmer		20
GW 20 550	Ventilation/Extraction		20
GW 20 551	Monitor/TV		20
GW 20 592	Opening arrows	< >	20
GW 20 593	Closing arrows	> <	20
GW 20 594	Off	OFF	20
GW 20 595	On	ON	20
GW 20 596	Up arrow		20
GW 20 597	Down arrow		20
SUITABLE FOR: NUMERICAL SERVICES			
GW 20 561	One	1	20
GW 20 562	Two	2	20
GW 20 563	Three	3	20
GW 20 564	Four	4	20
GW 20 565	Five	5	20
GW 20 566	Six	6	20
GW 20 567	Seven	7	20
GW 20 568	Eight	8	20
GW 20 569	Nine	9	20
GW 20 570	Zero	0	20

MOVEMENT DETECTOR

GW20821



INFRARED MOVEMENT DETECTOR WITH RELAY OUTPUT AND TWILIGHT THRESHOLD

Code	Power supply voltage	Output contacts	No. System modules	Pack Carton
GW 20 821	230V ac - 50/60Hz	1NO 3A(AC1)/2A(AC15) 250V ac	1	1/6

APPLICATIONS: energy-saving: command of the lighting of rooms and areas only when people pass through (e.g. corridors, stairs, halls, exhibition areas, etc.).

Comfort and safety: automatic command of services, without the need to use one-way switches.

(e.g. environments where you often pass through with your hands full, hospitals or for disabled people).

Do not install the product in watertight plates: the membrane of the lid does not allow the detector lens to work correctly.

NOTES: not suitable for directly commanding fluorescent-type loads.

RELAY

GW20071



LATCHING RELAY

Code	No. of poles	Output contacts	Coil	No. System modules	Pack Carton
GW 20 071	1	10A (AC1) / 7A (AC15) 250V ac	230V - 50 / 60 Hz	1	1/5
GW 20 072	2	10A (AC1) / 7A (AC15) 250V ac	230V - 50 / 60 Hz	1	1/5

APPLICATIONS: controlling luminaires from several points with buttons. Start/stop control of motors (extractors, air agitators, etc.).

GW20074



MOMENTARY RELAY

Code	No. of poles	Output contacts	Coil	No. System modules	Pack Carton
GW 20 074	1	1 NO/NC 10A(AC1)/4A(AC15) 250V ac	230V - 50 / 60 Hz	1	1/5

As an auxiliary element to control special loads, for remote signalling, and for electrical separation between the control and user circuits.

GW20076



CALL RELAY - 12V

Code	No. of poles	Output contacts	Coil	No. System modules	Pack Carton
GW 20 076	1	1 NO/NC 12V	12V ac/dc	1	1/5

CHARACTERISTICS: reset button integrated on the front and green mains presence indicator lamp.

POWER TAKE-OFF - SYSTEM WHITE

ITALIAN/GERMAN STANDARD SOCKET-OUTLETS

GW20203



ITALIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	Type	For plug pins	No. System modules	Pack Carton
GW 20 201	2P+E - 10A	P11	Ø 4 mm	1	80/160
GW 20 203	2P+E - 16A Dual amp.	P17/11	Ø 4 / 5 mm	1	80/320

CHARACTERISTICS: with safety shields.

GW20205



ITALIAN/GERMAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	Earth pit	Type	For plug pins	No. System modules	Pack Carton
GW 20 205	2P+E - 16A	Side and central	P30	Ø 4 / 4.8 mm	2	30/60
GW 20 246	2P+E - 16A Dual amp.	Side and central	P30 - P17	Ø 4 / 4.8 / 5 mm	2	30/120

CHARACTERISTICS: with safety shields.

GW20291



ITALIAN STANDARD DUAL SOCKET-OUTLET - 250V AC

Code	Description	Type	For plug pins	Input	No. System modules	Pack Carton
GW 20 291	2x2P+E 16A Dual amp.	P17/11	Ø 4 / 5 mm	1x16 A	2	30/60

CHARACTERISTICS: with safety shields. The wiring is carried out via 3 terminals that power the socket-outlets, without using U-bolts.

INTERNATIONAL STANDARD SOCKET-OUTLETS (FOR EXPORT)

GW20265



GERMAN STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 20 265	2P+E - 16A	Ø 4.8 mm	2	30/60

CHARACTERISTICS: with safety shields.

GW20206



FRENCH STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 20 206	2P - 16A	Ø 4 / 4.8 mm	2	30/60
GW 20 207	2P+E - 16A	Ø 4 / 4.8 mm	2	30/60

CHARACTERISTICS: with safety shields.

GW20208



BRITISH STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 20 208	2P+E - 13A	flat	2	30/60
GW 20 209	2P+E - 16A	Ø 7 mm	2	30/60

CHARACTERISTICS: with safety shields.

GW20351



SWISS STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 20 351	2P+E - 10A - type 12	Ø 4 mm	1	30/60

GW20212



EURO AMERICAN STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 20 212	2P+E - 10/15A	Ø 4 mm/ flat	1	30/60

GW20213



USA STANDARD SOCKET-OUTLETS - 250/125V AC

Code	Description	For plug pins	Shape	No. System modules	Pack Carton
GW 20 213	2P - 15 A - 125V ac	flat	Parallel horizontal	1	30/60
GW 20 214	2P+E - 15 A - 125V ac	flat	Parallel horizontal	1	30/60
GW 20 216	2P+E - 15 A - 250V ac	flat	Aligned vertical	1	30/60
GW 20 217	2P - 15 A - 125 / 250V ac	flat	Parallel hor. aligned vertical	1	30/60

GW20218



ARGENTINIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 20 248	2P+E - 10A	flat	2	30/60
GW 20 218	2P+E - 15A	flat	2	30/60

GW20357



AUSTRALIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 20 356	2P+E - 15A	flat	2	30/60
GW 20 357	2P+E - 10A	flat	2	30/60

GW20220



ISRAELI STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 20 220	2P+E - 16A	Round Ø 4 / 4.4 mm	2	30/60

CHARACTERISTICS: with safety shields.

STANDARD SOCKET-OUTLETS FOR DEDICATED LINES

GW20281



ITALIAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	Type	For plug pins	No. System modules	Pack Carton
GW 20 295	2P+E - 16A Dual amp.	Red	P17/11	Ø 4 / 5 mm	1	30/60
GW 20 281	2P+E - 16A Dual amp.	Green	P17/11	Ø 4 / 5 mm	1	30/60
GW 20 286	2P+E - 16A Dual amp.	Orange	P17/11	Ø 4 / 5 mm	1	30/60

CHARACTERISTICS: with safety shields.

GW20282



ITALIAN/GERMAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Earth pit	Colour	Type	For plug pins	No. System modules	Pack Carton
GW 20 296	2P+E - 16A Dual amp.	Side and central	Red	P30 - P17	Ø 4 / 4.8 / 5 mm	2	15/30
GW 20 282	2P+E - 16A Dual amp.	Side and central	Green	P30 - P17	Ø 4 / 4.8 / 5 mm	2	15/30
GW 20 287	2P+E - 16A Dual amp.	Side and central	Orange	P30 - P17	Ø 4 / 4.8 / 5 mm	2	15/30

CHARACTERISTICS: with safety shields.

GW20283



GERMAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. System modules	Pack Carton
GW 20 297	2P+E - 16A	Red	Ø 4.8 mm	2	15/30
GW 20 283	2P+E - 16A	Green	Ø 4.8 mm	2	15/30
GW 20 288	2P+E - 16A	Orange	Ø 4.8 mm	2	15/30

CHARACTERISTICS: with safety shields.

GW20312



FRENCH STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. System modules	Pack Carton
GW 20 312	2P+E - 16A	Red	Ø 4 / 4.8 mm	2	15/30

CHARACTERISTICS: with safety shields.

GW20298



ISRAELI STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. System modules	Pack Carton
GW 20 298	2P+E - 16A	Red	Round Ø 4 / 4.4 mm	2	15/30

CHARACTERISTICS: with safety shields.

SIGNAL TAKE-OFF - SYSTEM WHITE

TV-SAT SOCKET-OUTLETS

GW20396



CO-AXIAL SOCKET-OUTLETS TV-SAT (5-2400 MHZ) CLASS A SHIELDING - F FEMALE CONNECTOR

Code	Description	Type	Attenuation	No. System modules	Pack Carton
GW 20 391	Direct	With passage of current	0 dB	1	15/30
GW 20 396	Feedthrough		5 dB	1	15/30
GW 20 392	Feedthrough		10 dB	1	15/30
GW 20 393	Feedthrough		14 dB	1	15/30
GW 20 394	Feedthrough		18 dB	1	15/30
GW 20 395	Feedthrough		22 dB	1	15/30
GW 20 277	Terminal resistance 75 ohm				50/200

Socket-outlets suitable for return channel.

CHARACTERISTICS: GW20391, suitable for current / voltage flow necessary to power feed and/or for control signals towards the user door (max 24V - 500 mA). GW20227 permits making terminal sockets in combination with feedthrough sockets.

The TV-SAT 5 dB GW20396 coaxial socket is defined with conditioned use. It is a special feedthrough socket and must be used as such, with the only difference being that the user door (socket towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).

The feedthrough type of sockets are equipped with protection against electric shock as per Art. 9.14 CEI EN 50083-1.

GW20386



CO-AXIAL SOCKET-OUTLETS TV-SAT (5-2400 MHZ) CLASS A SHIELDING - IEC MALE CONNECTOR Ø 9.5 MM

Code	Description	Type	Attenuation	No. System modules	Pack Carton
GW 20 381	Direct	With passage of current	0 dB	1	15/30
GW 20 386	Feedthrough		5 dB	1	15/30
GW 20 382	Feedthrough		10 dB	1	15/30
GW 20 383	Feedthrough		14 dB	1	15/30
GW 20 384	Feedthrough		18 dB	1	15/30
GW 20 385	Feedthrough		22 dB	1	15/30
GW 20 277	Terminal resistance 75 ohm				50/200

Socket-outlets suitable for return channel.

CHARACTERISTICS: GW20381, suitable for current/voltage flow necessary to power feed and/or for control signals towards the user door (max 24V - 500 mA). GW20227 permits making terminal sockets in combination with feedthrough sockets.

The TV-SAT 5 dB GW20386 coaxial socket is defined with conditioned use. It is a special feedthrough socket and must be used as such, with the only difference being that the user door (socket towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).

The feedthrough type of sockets are equipped with protection against electric shock as per Art. 9.14 CEI EN 50083-1.

GW20229



RESISTIVE CO-AXIAL SOCKET-OUTLETS TV (40-860 MHZ) - IEC FEMALE CONNECTOR Ø 9.5MM

Code	Description	Attenuation	No. System modules	Pack Carton
GW 20 228	Direct	0 dB	1	30/60
GW 20 229	Branched	20 dB	1	30/60
GW 20 230	Terminal resistance 75 ohm	20 dB	1	30/60
GW 20 231	Fitted to mount resistors		1	30/60

Items designated solely for export to countries outside the European Union.

SOCKET-OUTLETS FOR AUXILIARY AND SIGNAL CIRCUITS

GW20234



SOCKET-OUTLETS FOR SELV AUXILIARY CIRCUIT

Code	Description	For plug pins	Centre distance	No. System modules	Pack Carton
GW 20 239	2P - 6A - 24V	Ø 3 mm	12.4 mm	1	15/30
GW 20 234	2P - 6A - 24V polarized	flat	12.4 mm	1	15/30

GW20241



SIGNAL SOCKET-OUTLET FOR PHONIC CIRCUITS

Code	Description	No. System modules	Pack Carton
GW 20 241	For loudspeaker	1	15/30

TELEPHONE JACKS

GW20232



INTERNATIONAL STANDARD TELEPHONE JACKS

Code	Description	No. pairs	Cables type	Connection type	No. System modules	Pack Carton
GW 20 232	RJ12	3	UTP	Insulation puncture	1	15/30
GW 20 251	RJ11	2	Twisted pair	Insulation puncture	1	15/30
GW 20 252	RJ11 Double	2	Twisted pair	Insulation puncture	1	15/30

APPLICATIONS: RJ11: telephone, telefax, modem. - RJ12: intercommunicating internal systems.

GW20235



FRENCH STANDARD TELEPHONE CONNECTOR

Code	Description	Connection type	No. System modules	Pack Carton
GW 20 235	French 8 contacts	Screw-on terminals	1	15/30

GW20272



BRITISH STANDARD TELEPHONE CONNECTOR

Code	Description	Connection type	No. System modules	Pack Carton
GW 20 272	British 6 contacts	Screw-on terminals	1	15/30

CONNECTORS FOR QUICK AND STRUCTURED WIRING (FAST)

GW20681



RJ12 AND RJ45 CONNECTORS TOOLLESS

Code	Description	No. pairs	Category	Cables type	Connection type	No. System modules	Pack Carton
GW 20 681	RJ12 with cover	3	3	UTP	Insulation puncture	1	1/30
GW 20 683	RJ45	4	5e	FTP	Insulation puncture	1	1/30
GW 20 682	RJ45 with cover	4	5e	UTP	Insulation puncture	1	1/30
GW 20 686	RJ45	4	6	FTP	Insulation puncture	1	15/30
GW 20 685	RJ45	4	6	UTP	Insulation puncture	1	15/30

APPLICATIONS: LANs up to 16MHz (e.g. telephone systems) for cat. 3.

LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e.

LANs up to 250MHz (e.g. Videoconference systems, CCTV) for cat. 6.

ACCESSORIES SUPPLIED: circuit identification label.

STRUCTURED WIRING CONNECTORS

GW20233



RJ45 CONNECTORS

Code	Description	No. pairs	Category	Cables type	Connection type	No. System modules	Pack Carton
GW 20 233	RJ45 not shielded	4	3	UTP	Insulation puncture	1	15/30
GW 20 271	RJ45 not shielded	4	5e	UTP	Insulation puncture	1	15/30
GW 20 684	RJ45 not shielded	4	6	UTP	Insulation puncture	1	1/15
GW 20 243	RJ45 shielded	4	5e	FTP	Insulation puncture	1	15/30

APPLICATIONS: LANs up to 16MHz (e.g. telephone systems) for cat. 3.

LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e.

ACCESSORIES SUPPLIED: circuit identification labels.

GW20266



UNWIRED ENCLOSURES PRE-FITTED FOR THE HOUSING OF RJ45 DATA CONNECTORS

Code	For connector type	code	Cables type	No. System modules	Pack Carton
COMPATIBILITY: IBM					
GW 20 266	Shielded - Not Shielded		S-FTP / UTP	1	1/120
COMPATIBILITY: AVAYA					
GW 20 267	Not Shielded	M 100 range	UTP	1	1/120
COMPATIBILITY: AMP					
GW 20 270	Not Shielded	110 Connect range	UTP	1	1/120

GW20270: enclosure can also be used for RJ11 cat. 3 connector.

ACCESSORIES SUPPLIED: circuit identification labels.

CONNECTORS AND ENCLOSURES FOR CONVENTIONAL NETWORKS

GW20237



BNC-TYPE CONNECTOR

Code	Description	Cables type	Connection type	No. System modules	Pack Carton
GW 20 237	BNC 50 / 75 / 93 Ohm	Co-axial 100 Ohm	To be soldered	1	15/30

APPLICATIONS: BNC 50 Ohm (Ethernet); BNC 75/93 Ohm (video control systems, terminal connection).

GW20238



EMPTY CONTAINER PREARRANGED FOR HOUSING SUB-D CONNECTORS

Code	Description	No. System modules	Pack Carton
GW 20 238	SUB-D 9 / 15 / 25 PIN	3	20/40

PROTECTION - SYSTEM WHITE

MINIATURE CIRCUIT BREAKERS

GW20431



MINIATURE CIRCUIT BREAKERS - CHARACTERISTIC C - 230V AC

Code	Description	Rated current (A)	No. System modules	Pack Carton
BREAKING CAPACITY: 3 kA				
GW 20 431	Single pole (1P)	6	1	15/30
GW 20 432	Single pole (1P)	10	1	15/30
GW 20 433	Single pole (1P)	16	1	15/30
GW 20 434	Two-pole (1P+N)	6	1	15/30
GW 20 435	Two-pole (1P+N)	10	1	15/30
GW 20 436	Two-pole (1P+N)	16	1	15/30

SYSTEM RANGE

GW20445



RESIDUAL CURRENT MINIATURE CIRCUIT BREAKERS - CHARACTERISTIC C - CLASS A - 230V AC

Code	Description	Idn	Rated current (A)	No. System modules	Pack Carton
BREAKING CAPACITY: 3 kA					
GW 20 445	Two-pole (1P+N)	6 mA	6	2	1/15
GW 20 446	Two-pole (1P+N)	6 mA	10	2	1/15
GW 20 447	Two-pole (1P+N)	6 mA	16	2	1/15
GW 20 437	Two-pole (1P+N)	10 mA	6	2	1/15
GW 20 438	Two-pole (1P+N)	10 mA	10	2	1/15
GW 20 439	Two-pole (1P+N)	10 mA	16	2	1/15
GW 20 448	Two-pole (1P+N)	30 mA	6	2	1/15
GW 20 449	Two-pole (1P+N)	30 mA	10	2	1/15
GW 20 450	Two-pole (1P+N)	30 mA	16	2	1/15

GWZ0454



RED MINIATURE CIRCUIT BREAKERS FOR DEDICATED CIRCUITS - CHARACTERISTIC C - 230V AC

Code	Description	Rated current (A)	No. System modules	Pack Carton
BREAKING CAPACITY: 3 kA				
GW 20 454	Two-pole (1P+N)	6	1	15/30
GW 20 455	Two-pole (1P+N)	10	1	15/30
GW 20 456	Two-pole (1P+N)	16	1	15/30

PROTECTION DEVICES

GW20401



FUSE-HOLDER - 250V AC

Code	Rated current (A)	Fuse type	No. System modules	Pack Carton
GW 20 401	16	Ø 6.3 x 32 mm	1	30/60

GW20423



OVER VOLTAGE LIMITING DEVICE WITH INTERVENTION INDICATION - 250V AC

Code	Max. dischargeable energy	Maximum discharge current	No. System modules	Pack Carton
GW 20 423	75 J	8 kA (8/20 µs)	1	1/14

APPLICATIONS: Protection of electronic equipment (TV - Hi-Fi - computer, etc.) from overvoltage of atmospheric or manoeuvring origin that may be conveyed by the supply lines.

ENERGY, TEMPERATURE AND COMFORT MANAGEMENT - SYSTEM WHITE

DIMMER

GW20802



ELECTRONIC REGULATOR - FOR RESISTIVE LOADS

Code	Resistive load 230V ac	Control	No. System modules	Pack Carton
GW 20 802	100-500 W	Rotary	1	1/14

Frequency 50/60Hz.

NOTES: the installation of more than one product side by side in a single container is not recommended.
To avoid overheating, insert a blanking module between two electronic devices.

GW20828



ELECTRONIC REGULATORS - FOR RESISTIVE AND INDUCTIVE LOADS

Code	Resistive load 230V ac	Resistive load 110V ac	Inductive load 230V ac	Inductive load 110V ac	Control	No. System modules	Pack Carton
GW 20 828	60-500 W		60-500 VA		Push-button	1	1/14
GW 20 803	100-900 W	100-500 W	40-300 VA	20-150 VA	Rotary	1	1/14
GW 20 811	100-500 W		100-500 VA		Rotary with two-way switch	1	1/14

GW20803 Article destined solely for export to non-EU countries.

CHARACTERISTICS: GW20828 possibility to command and regulate from remote control push-buttons with NO contact.

NOTES: the side-by-side installation of several products in a single container is not recommended.

To avoid overheating, insert a blanking module between two electronic devices.

GW20828, GW20811 suitable for lamellar and toroidal transformers.

GW20829



ELECTRONIC PUSH-BUTTON REGULATOR FOR ELECTRONIC TRANSFORMERS

Code	Resistive load 230V ac	Inductive load 230V ac	Control	No. System modules	Pack Carton
GW 20 829	40-300 W	40-300 VA	Push-button	1	1/14

CHARACTERISTICS: possibility to command and regulate from remote control push-buttons with NO contact. Extremely silent item.

NOTES: to avoid overheating, the side-by-side installation of several products in a single container is not recommended;

insert a blanking module between two electronic devices.

GW20818



ELECTRONIC REGULATOR - FOR AIR AGITATORS

Code	Load 230V ac	Control	No. System modules	Pack Carton
GW 20 818	55-80 VA	Push-button	1	1/14

Frequency 50/60Hz.

APPLICATIONS: suitable for adjusting air agitators, fans and extractors with induction motors.

NOTES: the installation of more than one product side by side in a single container is not recommended.

To avoid overheating, insert a blanking module between two electronic devices.

LIGHT AND USER CONTROL DEVICES

GW20825



ELECTRONIC DAILY/WEEKLY TIMER, 1-CHANNEL

Code	Supply voltage	Output contacts	No. System modules	Pack Carton
GW 20 825	230V ac - 50/60 Hz	1NO/NC 8A(AC1)/4A(AC15)250V ac	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.

Serial input for connecting the GSM remote control GW90821.

GW20809



DAILY/WEEKLY 2-CHANNEL ELECTRONIC PROGRAMMER - 230V - 50/60HZ

Code	No. cycles per channel	Relay output	No. System modules	Pack Carton
GW 20 809	8	2NO 5A (AC1)/2A (AC15) 250V ac	3	1/2

CHARACTERISTICS: 30 days reserve charge. The built-in buffer battery allows programming to be maintained even in the case of a temporary power cut.

GW20810



ELECTRONIC TIMED BUTTON WITH INPUT FOR REMOTE CONTROL 230V - 50/60HZ

Code	Regulation field	Relay output	No. System modules	Pack Carton
GW 20 810	30 s - 15 min	1NO 10A(AC1)/5A(AC15) 250V ac	2	1/4

TEMPERATURE CONTROL DEVICES

GW10701



WALL-MOUNTING TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING - BATTERY - POWERED

Code	Temperature adjustment	Colour	Output contacts	Dimensions LxHxD (mm)	Pack Carton
GW 10 701	From +5°C to +40°C	White	1NO/NC 5A(AC1)/2A(AC15)250V ac	130x92x23 mm	1/2
GW 14 701	From +5°C to +40°C	Titanium	1NO/NC 5A(AC1)/2A(AC15)250V ac	130x92x23 mm	1/2

CHARACTERISTICS: powered with 3 alkaline 1.5V batteries (AAA), not included. Average battery duration: 1 year. Automatic energy saving and comfort function; serial input for connection of GSM repeater GW90821. Kit for wall-mounting, containing: two strips of double-sided adhesive tape, two ø 6mm wall plugs with screws.

GW20827



TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING

Code	Supply voltage	Temperature adjustment	Output contacts	No. System modules	Pack Carton
GW 20 827	230V ac - 50/60 Hz	da +5°C a +40°C	1NO/NC 5A(AC1)/2A(AC15)250V ac	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a lack of voltage. Serial input for connecting the GSM remote control GW90821.

GW20807



ELECTRONIC SUMMER/WINTER TIMED THERMOSTAT WITH DAILY AND WEEKLY PROGRAMMING 230V - 50/60HZ

Code	Temperature adjustment	Output contacts	Reserve charge	No. System modules	Pack Carton
GW 20 807	From +5°C to +39°C	1 NO/NC 8A(AC1)/2A(AC15) 250V ac	72 h at least	3	1/2

CHARACTERISTICS: settable temperature levels: comfort - activity, night-time reduction, frost protection (fixed).

GW20808



SUMMER/WINTER ELECTRONIC THERMOSTAT WITH DISPLAY AND KEYPAD - 230V - 50/60HZ

Code	Temperature adjustment	Output contacts	No. System modules	Pack Carton
GW 20 808	From +5°C to +40°C	1NO 5A(AC1)/2A (AC15) 250V ac	3	1/4

CHARACTERISTICS: temperature levels: comfort (settable), night-time reduction, frost protection. Input available for 1 external probe GW30703, available as accessory, for the display of the temperature in another environment (e.g. outside, cellar, bathroom, children's room). Supplied with built-in rechargeable buffer battery. 30 days reserve charge.

GW20852



ELECTRONIC SUMMER/WINTER THERMOSTAT WITH KNOB ADJUSTMENT AND SIGNALLING LED 230V - 50/60HZ

Code	Temperature adjustment	Output contacts	No. System modules	Pack Carton
GW 20 852	From +5°C to +30°C	1 NO/NC 8A(AC1)/2A(AC15) 250V ac	3	1/2

CHARACTERISTICS: option of controlling night-time reduction via remote control (fixed 4°C).

GWZ0853



ELECTRONIC SUMMER/WINTER THERMOSTAT WITH KNOB ADJUSTMENT FOR FAN-COIL, 3-SPEED SELECTOR AND SOLENOID VALVE COMMAND 230V - 50/60HZ

Code	Regulation field	Output solenoid	Output fan	Output contacts	No. System modules	Pack Carton
GW 20 853	+5° C / +30° C	Relay NO/NC	Three way switch 1P	5A (AC1) / 2A (AC15)	3	1/2

CHARACTERISTICS: temperature adjustment range: from +5°C to +30°C. Operating modes: operating modes; solenoid valve thermostat and fixed ventilation, solenoid valve and thermostat-controlled ventilation, only thermostat-controlled ventilation and unconnected solenoid valve.

SIGNALLING - SYSTEM WHITE

ANTI BLACK-OUT AND EMERGENCY LAMPS

GW20833



EXTRACTABLE EMERGENCY LAMP WITH REPLACEABLE BATTERIES - 230V - 50/60HZ

Code	Power supply batteries	Autonomy	Lenticular bulb	No. System modules	Pack Carton
POWER SUPPLY VOLTAGE: 230V - 50/60 Hz					
GW 20 833	Ni-Cd	2 h	2.2V - 0.25A	2	1/4

CHARACTERISTICS: equipped with inhibition selector on the front.
It uses (Ni-Cd) 1.2V - 0.6Ah, 2x2/3 Af batteries.

GW20835



FIXED ANTI BLACK-OUT LAMP - 230V - 50/60 HZ

Code	Power supply voltage	Power supply batteries	Minimum autonomy	Lamp	No. System modules	Pack Carton
GW 20 835	230V ac - 50/60 Hz	Ni - Mh	1 h	Led	1	1/14

CHARACTERISTICS: green LED to indicate mains presence. Highly efficient, white LED lamp.

GW20834



AUTONOMOUS NON-MAINTAINED NM EMERGENCY LIGHTING LUMINAIRE FITTED WITH SELF-SUPPORTING SUPPORT FOR TOP SYSTEM / VIRNA 6-GANG PLATE - 230V - 50/60HZ

Code	Lamp power	Lamp holder	Power supply batteries	Autonomy	No. System modules	Pack Carton
GW 20 834	4 W	FD G5	Ni-Cd	1 h	6	1/2

Supplied without front plate (to be chosen from the 6 gang plates of the TOP SYSTEM and VIRNA ranges).

CHARACTERISTICS: equipped with inhibition push-button.

APPLICATIONS: installation on 6 gang flush-mounting rectangular box with a centre distance of 100mm (GW24406, GW24246).

ACOUSTIC SIGNALLING DEVICES

GW20641



ELECTRONIC BELLS WITH 3 DIFFERENT TONES

Code	Supply voltage	Power input	Loudness	No. System modules	Pack Carton
GW 20 641	12V ac/dc	6 VA	80 dB (at 1 m)	2	1/4
GW 20 643	230V ac - 50 Hz	3.2 VA	80 dB (at 1 m)	2	1/4

CHARACTERISTICS: volume adjustment selector placed on the front.

Three different types of sound: A e.g. bathroom call, B e.g. foyer call, C e.g. bedroom call.

GW20613



BELLS

Code	Supply voltage	Power input	Loudness	No. System modules	Pack Carton
GW 20 613	12V - 50 Hz	8 VA	80 dB (at 1 m)	1	15/30
GW 20 616	230V ac - 50 Hz	8 VA	80 dB (at 1 m)	1	15/30

GW20617



BUZZERS

Code	Supply voltage	Power input	Loudness	No. System modules	Pack Carton
GW 20 617	12V ac - 50 Hz	8 VA	75 dB (at 1 m)	1	15/30
GW 20 620	230V ac - 50 Hz	8 VA	75 dB (at 1 m)	1	15/30

SIGHT SIGNALLING DEVICES

GW20603



SINGLE INDICATOR LAMPS - 12/24/250V AC

Code	Diffuser colour	Diffuser meaning	Fixing for lamp type	No. System modules	Pack Carton
DIFFUSOR TYPE: FLAT					
GW 20 603	Red	Danger	Cartridge	1	30/60
GW 20 604	Green	Safety	Cartridge	1	30/60
GW 20 605	Yellow	Attention	Cartridge	1	30/60
GW 20 606	Transparent	Neutral	Cartridge	1	30/60
GW 20 631	Blue	Specific	Cartridge	1	30/60

Supplied without lamp. They use S6 3x28 mm (max 2W) and S6x31mm cartridge lamps.

The "diffuser meaning" is referred to the recommendations of the EN60073 standard on the use of colours in indicator lights.

GW20608



DOUBLE INDICATOR LAMPS

Code	Diffuser colour	Lamp voltage	No. System modules	Pack Carton
DIFFUSOR TYPE: FLAT				
GW 20 607	Red/green	230V ac	1	15/30
GW 20 608	Red/green	12-24V ac/dc	1	15/30

ACCESSORIES SUPPLIED: supplied with lamp.

GW20634



STAIR RISER LAMP WITH WHITE LED LIGHT - 12/230V AC

Code	Diffuser colour	Lamp	Lamp voltage	No. System modules	Pack Carton
GW 20 634	White	Integrated LED	12-230V ac	2	1/15

CHARACTERISTICS: very bright LED, light adjustment eyelid, 12v ac/dc - 230V ac supply with double supply input.

SYSTEM RANGE

GW20601



STAIR RISER LAMPS AND LAMPS FOR SPECIAL USES WITH FLAT DIFFUSER - 12/24V

Code	Diffuser colour	Fixing for lamp type	No. System modules	Pack Carton
GW 20 601	Opal	Cartridge	3	15/30
GW 20 623	Red	Cartridge	3	15/30
GW 20 624	Green	Cartridge	3	15/30
GW 20 625	Yellow	Cartridge	3	15/30
GW 20 626	Blue	Cartridge	3	15/30

Supplied without lamps. They use 56x36 mm (max 2W) cartridge lamps.

APPLICATIONS: identifying steps, obstacles, etc.

GW20602



STAIR RISER LAMPS AND LAMPS FOR SPECIAL USES WITH PROTRUDING DIFFUSER - 12/24V

Code	Diffuser colour	Fixing for lamp type	No. System modules	Pack Carton
GW 20 602	Opal	Cartridge	3	1/12
GW 20 627	Red	Cartridge	3	1/12
GW 20 628	Green	Cartridge	3	1/12
GW 20 629	Yellow	Cartridge	3	1/12
GW 20 630	Blue	Cartridge	3	1/12

Supplied without lamps. They use 56x36 mm (max 2W) cartridge lamps.

APPLICATIONS: indicator.

GW20622



LAMP HOLDER

Code	Lampholder type	Power	Colour	No. System modules	Pack Carton
GW 20 622	E27	40 W	Black	2	15/30

SAFETY - SYSTEM WHITE

TECHNICAL ALARMS

GW20868



LPG DETECTOR

Code	Power supply voltage	Alarm threshold	Output contacts	No. SYSTEM modules	Pack Carton
GW 20 868	12V ac/dc	9% LIE	1NO/NC 10A(NO)/3A(NC)250V ac	2	1/2

CHARACTERISTICS: relay output for the automatic command of the gas interception solenoid valve with manual reset GW30522.
Sound intensity: 85dB at 1m.

NOTES: owing to the particular thermal sensitivity of the LPG sensor, you are advised to keep the LPG detector far from the power supply GW20866 with a 1-module blanking module GW20056.

GW20867



METHANE GAS DETECTOR

Code	Power supply voltage	Alarm threshold	Output contacts	No. SYSTEM modules	Pack Carton
GW 20 867	12V ac/dc	9% LIE	1NO/NC 10A(NO)/3A(NC)250V ac	2	1/2

CHARACTERISTICS: relay output for the automatic command of the gas interception solenoid valve with manual reset GW30522.
Sound intensity: 85 dB at 1m.

GW20866



POWER SUPPLY

Code	Primary voltage	Secondary output	Rated power supplyable	No. SYSTEM modules	Pack Carton
GW 20 866	230V ac - 50/60 Hz	12V dc	2 VA	1	1/4

APPLICATIONS: to be used for powering the detectors GW20868 and GW20867.

GW20862



ELECTRONIC GAS DETECTOR EQUIPPED WITH INDICATOR LIGHT AND ACOUSTIC SIGNAL, RELAY OUTPUT - 230V - 50HZ

Code	Gas type	Tripping threshold	Relay output	Loudness	No. System modules	Pack Carton
GW 20 862	Natural gas CH4	15% LIE	1 change-over contact NO/NC	85 dB (at 1 m)	3	1/2

CHARACTERISTICS: relay and output for automatic control of gas interception solenoid valve with manual reset (e.g. code GW30522).

GW30522



SOLENOID VALVE, WITH MANUAL RESET, NORMALLY OPEN - 230V - 50HZ

Code	Delivery Ø	Material	Power input	Pack Carton
GW 30 522	3/4"	Brass	12 VA	1/2

SPECIAL APPLICATIONS - SYSTEM WHITE

COMPONENTS FOR HOTEL SYSTEMS

GW20820



UNIVERSAL BADGE SWITCH WITH LOCATION LIGHT - 250V AC

Code	Description	For badge card max. width	Type	No. System modules	Pack Carton
GW 20 820	1P NO - 10A	54 mm	Luminous 230V ac	3	1/2

Supplied without badge.

APPLICATIONS: activation of users and services inside hotel rooms (e.g. lights, air-conditioner, minibar) when the room is occupied (with badge inserted).

GW20841



EUROPEAN/AMERICAN STANDARD SHAVER SOCKET WITH INSULATION TRANSFORMER AND INDICATOR LIGHT FOR THE SELECTED VOLTAGE - 230V - 50/60HZ

Code	Description	For plug pins	Selectable output voltage	Maximum power	No. System modules	Pack Carton
GW 20 841	2P	Ø 4 - 6.3x1.5 mm	120 - 230V ac	20 VA	3	1/4

CHARACTERISTICS: The output voltage must be properly selected in accordance with what is shown on the data plate of the user device, before plugging it in. The relevant indicator LED allows the chosen voltage to be clearly seen.

COMMAND - SYSTEM BLACK

COMMAND DEVICES

GW21571



ONE-WAY SWITCHES - 250V AC

Code	Description	Type	Symbol	No. System modules	Pack Carton
GW 21 571	1P - 16AX	General		1	80/320
GW 21 572	1P - 16AX	Luminous 230V ac (0.4W)		1	30/60
GW 21 583	1P - 16AX	Illuminable		1	30/60
GW 21 503	2P - 16AX	General	0/1	1	30/60
GW 21 504	2P - 16AX	Luminous 230V ac (0.4W)		1	30/60
GW 21 584	2P - 16AX	Illuminable		1	30/60
GW 21 005	2P - 10AX	With key	0/1	1	15/30

CHARACTERISTICS: GW21583, GW21584, supplied without lamp. They use miniature lamps.

ACCESSORIES SUPPLIED: GW21572, GW21504, red miniature lamps. GW21005, 2 keys, extractable key in both positions.

GW21585



DOUBLE-POLE ONE-WAY SWITCH 25A - 250V AC FOR HEAVY-DUTY INSTALLATIONS

Code	Description	Type	Symbol	No. System modules	Pack Carton
GW 21 585	25A	General	0/1	1	15/30

CHARACTERISTICS: suitable for particular heavy-duty loads (e.g. set of fluorescent lamp) or high consumption devices (ovens, air-conditioners, boilers, etc.).

GW21576



TWO-WAY SWITCHES - 250V AC

Code	Description	Type	No. System modules	Pack Carton
GW 21 576	1P - 16AX	General	1	80/320
GW 21 577	1P - 16AX	Luminous 230V ac (0.4W)	1	30/60
GW 21 588	1P - 16AX	Illuminable	1	30/60
GW 21 008	1P - 10AX	With key	1	15/30

CHARACTERISTICS: GW21588, supplied without lamp. It uses miniature lamps.

ACCESSORIES SUPPLIED: GW21577, red miniature lamps. GW21008, 2 keys, extractable key in both positions.

GW21579



REVERSING SWITCH - 250V AC

Code	Description	Type	No. System modules	Pack Carton
GW 21 579	1P - 16AX	General	1	30/60

GW21559



THREE-WAY SWITCH - 250V AC

Code	Description	Symbol	No. System modules	Pack Carton
GW 21 559	1P - 10AX	Up-down	1	30/60

CHARACTERISTICS: 3 three standing positions. Both contacts are open in central position (OFF).

APPLICATIONS: command of circuits requiring an interlock (e.g. operating motorised devices with direction reversal).

2-user selective control.

GW21517



PUSH-BUTTONS - 250V AC

Code	Description	Type	Symbol	No. System modules	Pack Carton
GW 21 510	1P NO - 10A	General		1	80/160
GW 21 511	1P NO - 10A	With symbol	Key	1	15/30
GW 21 512	1P NO - 10A	With symbol	Bell	1	15/30
GW 21 513	1P NO - 10A	With symbol	Light	1	15/30
GW 21 514	1P NO - 10A	With symbol	Stairs	1	15/30
GW 21 515	1P NO - 10A	Luminous 230V ac (0.4W)		1	30/60
GW 21 516	1P NO - 10A	Luminous 12/24V (0.8W)		1	30/60
GW 21 529	1P NO - 10A	Illuminable		1	30/60
GW 21 519	1P NC - 10A	General	Circle	1	15/30
GW 21 520	1P NO+NO - 10A	With interlocking		1	15/30
GW 21 521	1P NO+NO - 10A	With interlocking	Up-down	1	30/60
GW 21 522	1P NO - 10A - Aux. NC	Start	Green	1	30/60
GW 21 523	1P NC - 10A - Aux. NO	Stop	Red	1	30/60
GW 21 517	2P NO - 10A	General	Double circle	1	30/60
GW 21 518	2P NO - 10A	With pull-cord		1	20/40
GW 21 530	2P NO - 10A	With key		1	15/30

CHARACTERISTICS: GW21520, GW21521, both contacts are open in the central (OFF) position.

GW21529, supplied without lamp. It uses miniature lamps.

ACCESSORIES SUPPLIED: GW21515 red miniature lamp, white miniature lamp GW21516. GW21518, cord in insulating material, 140cm long with knob.

GW21024



PUSH-BUTTON WITH BACKLIT NAME PLATE - 250V AC

Code	Description	Type	Lamp	Lamp voltage	Lamp power	No. System modules	Pack Carton
GW 21 591	1P NO - 10A	Illuminable	Cartridge S6x36 mm	12 - 24 V	2 W	2	15/30
GW 21 024	1P NO - 10A	Illuminable	Cartridge S6x36 mm	12 - 24 V	2 W	3	20/40

Supplied without lamp.

GW21589



WIDE-BUTTON ILLUMINABLE CONTROL DEVICES - 250V AC

Code	Description	Type	No. System modules	Pack Carton
GW 21 589	1P - 16AX	Two-way switch	2	15/30
GW 21 580	1P - 16AX	Reversing switch	2	1/15
GW 21 527	1P NO - 10A	Push-button	2	15/30

Supplied without lamp.

BLANKING MODULES AND OUTLET

GW21056



BLANKING MODULES AND OUTLET

Code	Description	No. System modules	Pack Carton
GW 21 056	1 gang	1	10/480
GW 21 073	2 gang	2	30/60
GW 21 058	1 gang with outlet for cable Ø 4 and Ø 8mm	1	60/120

APPLICATIONS: in addition to their normal use, they permit installing signal socket-outlets, microswitches and LEDs after appropriate drilling/preparation.

In addition, it is possible to apply the temperature sensor GW30703 using the special double-sided adhesive.

CONTROL DEVICES WITH SYMBOL DISCS

GW21529



ILLUMINABLE CONTROL DEVICES FITTED TO MOUNT SYMBOL DISCS - 250V AC

Code	Type	Description	No. neutral discs	No. System modules	Pack Carton
GW 21 583	Switch	1P - 16AX	1	1	30/60
GW 21 588	Two-way switch	1P - 16AX	1	1	30/60
GW 21 528	Three-way switch	1P - 10AX	1	1	30/60
GW 21 529	Push-button	1P NO - 10A	1	1	30/60
GW 21 531	Push-button	1P NC - 10A	1	1	15/30

Supplied without lamp. They use miniature lamps.

CHARACTERISTICS: GW21528, 3 standing positions (the product is not illuminated). Both contacts are open in central position (OFF).

ACCESSORIES SUPPLIED: neutral signalling disc.



ILLUMINABLE SYMBOL DISCS FOR FUNCTIONAL INDICATORS

Code	Description	Symbol	Pack Carton
SUITABLE FOR: GENERAL SERVICES			
GW 20 533	Neutral		20
GW 20 537	Open door	Key	20
GW 20 538	Bell	Bell	20
GW 20 539	Light	Light	20
GW 20 540	Stair light	Stairs	20
GW 20 542	Service		20
SUITABLE FOR: TECHNICAL SERVICES			
GW 20 549	Dimmer		20
GW 20 550	Ventilation/Extraction		20
GW 20 551	Monitor/TV		20
GW 20 592	Opening arrows	< >	20
GW 20 593	Closing arrows	> <	20
GW 20 594	Off	OFF	20
GW 20 595	On	ON	20
GW 20 596	Up arrow		20
GW 20 597	Down arrow		20
SUITABLE FOR: NUMERICAL SERVICES			
GW 20 561	One	1	20
GW 20 562	Two	2	20
GW 20 563	Three	3	20
GW 20 564	Four	4	20
GW 20 565	Five	5	20
GW 20 566	Six	6	20
GW 20 567	Seven	7	20
GW 20 568	Eight	8	20
GW 20 569	Nine	9	20
GW 20 570	Zero	0	20

MOVEMENT SENSOR

GW21821



INFRARED MOVEMENT DETECTOR WITH RELAY OUTPUT AND TWILIGHT THRESHOLD

Code	Power supply voltage	Output contacts	No. System modules	Pack Carton
GW 21 821	230V ac - 50/60Hz	1NO 3A(AC1)/2A(AC15) 250V ac	1	1/6

APPLICATIONS: comfort and safety: automatic command of users without having to activate one-way switches (e.g. environments where you often pass through with your hands full, hospitals, or for disabled people).

energy-saving: command of lighting in environments or areas where people pass through (e.g. corridors, stairs, halls, exhibition areas, etc.).

Do not install the product in watertight plates: the membrane of the lid does not allow the detector lens to work correctly.

NOTES: not suitable for directly commanding fluorescent-type loads.

RELAY

GW21071



LATCHING RELAY

Code	No. of poles	Output contacts	Coil	No. System modules	Pack Carton
GW 21 071	1	10A (AC1) / 7A (AC15) 250V ac	230V - 50 / 60 Hz	1	1/5
GW 21 072	2	10A (AC1) / 7A (AC15) 250V ac	230V - 50 / 60 Hz	1	1/5

APPLICATIONS: controlling luminaires from several points with buttons. Start/stop control of motors (extractors, air agitators, etc.).

GW21074



MOMENTARY RELAY

Code	No. of poles	Output contacts	Coil	No. System modules	Pack Carton
GW 21 074	1	1 NO/NC 10A(AC1)/4A(AC15) 250V ac	230V - 50 / 60 Hz	1	1/5

As an auxiliary element to control special loads, for remote signalling, and for electrical separation between control and user circuits.

GW21076



CALL RELAY - 12V

Code	No. of poles	Output contacts	Coil	No. System modules	Pack Carton
GW 21 076	1	1 NO/NC 12V	12V ac/dc	1	1/5

CHARACTERISTICS: reset button integrated on the front and green mains presence indicator lamp.

POWER TAKE-OFF - SYSTEM BLACK

ITALIAN/GERMAN STANDARD SOCKET-OUTLETS

GW21203



ITALIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	Type	For plug pins	No. System modules	Pack Carton
GW 21 201	2P+E - 10A	P11	Ø 4 mm	1	80/160
GW 21 203	2P+E - 16A Dual amp.	P17/11	Ø 4 / 5 mm	1	80/320

CHARACTERISTICS: with safety shields.

GW21205



ITALIAN/GERMAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	Earth pit	Type	For plug pins	No. System modules	Pack Carton
GW 21 205	2P+E - 16A	Side and central	P30	Ø 4 / 4.8 mm	2	30/60
GW 21 246	2P+E - 16A Dual amp.	Side and central	P30 - P17	Ø 4 / 4.8 / 5 mm	2	30/120

CHARACTERISTICS: with safety shields.

GW21291



ITALIAN STANDARD QUICK WIRING DOUBLE SOCKET-OUTLET - 250V AC

Code	Description	Type	For plug pins	Input	No. System modules	Pack Carton
GW 21 291	2x2P+E 16A Dual amp.	P17/11	Ø 4 / 5 mm	1x16 A	2	30/60

CHARACTERISTICS: with safety shields. The wiring is carried out via 3 terminals that power the socket-outlets, without using U-bolts.

INTERNATIONAL STANDARD SOCKET-OUTLETS (FOR EXPORT)

GW21265



GERMAN STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 21 265	2P+E - 16A	Ø 4.8 mm	2	30/60

CHARACTERISTICS: with safety shields.

GW21206



FRENCH STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 21 206	2P - 16A	Ø 4 / 4.8 mm	2	30/60
GW 21 207	2P+E - 16A	Ø 4 / 4.8 mm	2	30/60

CHARACTERISTICS: with safety shields.

GW21208



BRITISH STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 21 208	2P+E - 13A	flat	2	30/60
GW 21 209	2P+E - 15A	Ø 7 mm	2	30/60

CHARACTERISTICS: with safety shields.

GW21351



SWISS STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 21 351	2P+E - 10A - type 12	Ø 4 mm	1	30/60

GW21212



EURO AMERICAN STANDARD SOCKET-OUTLET - 250/125V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 21 212	2P+E - 10/15A	Ø 4 mm / flat	1	30/60

GW21213



USA STANDARD SOCKET-OUTLETS - 250/125V AC

Code	Description	For plug pins	Shape	No. System modules	Pack Carton
GW 21 213	2P - 15 A 125V ac	flat	Parallel horizontal	1	30/60
GW 21 214	2P+T - 15 A 125V ac	flat	Parallel horizontal	1	30/60
GW 21 216	2P+T - 15 A 250V ac	flat	Aligned vertical	1	30/60
GW 21 217	2P - 15 A - 125 / 250V ac	flat	Parallel hor. aligned vertical	1	30/60

GW21218



ARGENTINIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 21 248	2P+E - 10A	flat	2	30/60
GW 21 218	2P+E - 15A	flat	2	30/60

GW21357



AUSTRALIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 21 356	2P+E - 15A	flat	2	30/60
GW 21 357	2P+E - 10A	flat	2	30/60

GW21220



ISRAELI STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	No. System modules	Pack Carton
GW 21 220	2P+E - 16A	Round Ø 4 / 4.4 mm	2	30/60

CHARACTERISTICS: with safety shields.

SYSTEM RANGE

SOCKET-OUTLETS FOR DEDICATED LINES

GW20281



ITALIAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	Type	For plug pins	No. System modules	Pack Carton
GW 20 295	2P+E - 16A Dual amp.	Red	P17/11	Ø 4 / 5 mm	1	30/60
GW 20 281	2P+E - 16A Dual amp.	Green	P17/11	Ø 4 / 5 mm	1	30/60
GW 20 286	2P+E - 16A Dual amp.	Orange	P17/11	Ø 4 / 5 mm	1	30/60

CHARACTERISTICS: with safety shields.

GW20282



ITALIAN/GERMAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Earth pit	Colour	Type	For plug pins	No. System modules	Pack Carton
GW 20 296	2P+E - 16A Dual amp.	Side and central	Red	P30 - P17	Ø 4 / 4.8 / 5 mm	2	15/30
GW 20 282	2P+E - 16A Dual amp.	Side and central	Green	P30 - P17	Ø 4 / 4.8 / 5 mm	2	15/30
GW 20 287	2P+E - 16A Dual amp.	Side and central	Orange	P30 - P17	Ø 4 / 4.8 / 5 mm	2	15/30

CHARACTERISTICS: with safety shields.

GW20283



GERMAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. System modules	Pack Carton
GW 20 297	2P+E - 16A	Red	Ø 4.8 mm	2	15/30
GW 20 283	2P+E - 16A	Green	Ø 4.8 mm	2	15/30
GW 20 288	2P+E - 16A	Orange	Ø 4.8 mm	2	15/30

CHARACTERISTICS: with safety shields.

GW20312



FRENCH STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. System modules	Pack Carton
GW 20 312	2P+E - 16A	Red	Ø 4 / 4.8 mm	2	15/30

CHARACTERISTICS: with safety shields.

GW20298



ISRAELI STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. System modules	Pack Carton
GW 20 298	2P+E - 16A	Red	Round Ø 4 / 4.4 mm	2	15/30

CHARACTERISTICS: with safety shields.

SIGNAL TAKE-OFF - SYSTEM BLACK

TV-SAT SOCKET-OUTLETS

GW21391



CO-AXIAL TV-SAT SOCKET-OUTLETS (5-2400 MHZ) CLASS A SHIELDING - F FEMALE CONNECTOR

Code	Description	Type	Attenuation	No. System modules	Pack Carton
GW 21 391	Direct	With passage of current	0 dB	1	15/30
GW 21 396	Feedthrough		5 dB	1	15/30
GW 21 392	Feedthrough		10 dB	1	15/30
GW 21 393	Feedthrough		14 dB	1	15/30
GW 21 394	Feedthrough		18 dB	1	15/30
GW 21 395	Feedthrough		22 dB	1	15/30
GW 20 277	Terminal resistance 75 ohm				50/200

Sockets suitable for return channel.

CHARACTERISTICS: GW21391, suitable for current / voltage flow necessary to power feed and/or for control signals towards the user door (max 24V - 500 mA). GW20227, permits making terminal sockets in combination with feed-through sockets.

The TV-SAT 5 dB GW21396 coaxial socket is defined with conditioned use. It is a special feed-through socket and must be used as such, with the only difference being that the user door (socket towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).

The feedthrough type of sockets are equipped with protection against electric shock as per Art. 9.14 of the CEI EN 50083-1 standards.

GW21381



CO-AXIAL TV-SAT SOCKET-OUTLETS (5-2400 MHZ) CLASS A SHIELDING - IEC MALE CONNECTOR Ø 9.5 MM

Code	Description	Type	Attenuation	No. System modules	Pack Carton
GW 21 381	Direct	With passage of current	0 dB	1	15/30
GW 21 386	Feedthrough		5 dB	1	15/30
GW 21 382	Feedthrough		10 dB	1	15/30
GW 21 383	Feedthrough		14 dB	1	15/30
GW 21 384	Feedthrough		18 dB	1	15/30
GW 21 385	Feedthrough		22 dB	1	15/30
GW 20 277	Terminal resistance 75 ohm				50/200

Sockets suitable for return channel.

CHARACTERISTICS: GW21381, suitable for current / voltage flow necessary to power feed and/or for control signals towards the user door (max 24V - 500 mA). GW20227 permits making terminal sockets in combination with feed-through sockets.

The TV-SAT 5 dB GW21386 coaxial socket is defined with conditioned use. It is a special feed-through socket and must be used as such, with the only difference being that the user door (socket towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).

The feedthrough type of sockets are equipped with protection against electric shock as per Art. 9.14 of the CEI EN 50083-1 standards.

GW21228



CO-AXIAL TV RESISTIVE SOCKET-OUTLETS (40-860 MHZ) IEC FEMALE CONNECTOR Ø 9.5 MM

Code	Description	Attenuation	No. System modules	Pack Carton
GW 21 228	Direct	0 dB	1	30/60
GW 21 229	Branched	20 dB	1	30/60
GW 21 230	Terminal resistance 75 ohm	20 dB	1	30/60
GW 21 231	Fitted to mount resistors		1	30/60

Items designated solely for export to countries outside the European Union.

SOCKET-OUTLETS FOR AUXILIARY AND SIGNAL CIRCUITS

GW21234



SOCKET-OUTLETS FOR SELV AUXILIARY CIRCUITS

Code	Description	For plug pins	Centre distance	No. System modules	Pack Carton
GW 21 239	2P - 6A - 24V	Ø 3 mm	12.4 mm	1	15/30
GW 21 234	2P - 6A - 24V polarized	flat	12.4 mm	1	15/30

GW21241



SIGNAL SOCKET-OUTLET FOR PHONIC CIRCUITS

Code	Description	No. System modules	Pack Carton
GW 21 241	For loudspeaker	1	15/30

TELEPHONE JACKS

GW21251



INTERNATIONAL STANDARD TELEPHONE JACKS

Code	Description	No. pairs	Cables type	Connection type	No. System modules	Pack Carton
GW 21 232	RJ12	3	UTP	Insulation puncture	1	15/30
GW 21 251	RJ11	2	Twisted pair	Insulation puncture	1	15/30
GW 21 252	RJ11 Double	2	Twisted pair	Insulation puncture	1	15/30

APPLICATIONS: RJ11: telephone, telefax, modem. - RJ12: intercommunicating internal systems.

GW21235



FRENCH STANDARD TELEPHONE JACKS

Code	Description	Connection type	No. System modules	Pack Carton
GW 21 235	French 8 contacts	Screw-on terminals	1	15/30

GW21272



BRITISH STANDARD TELEPHONE JACKS

Code	Description	Connection type	No. System modules	Pack Carton
GW 21 272	British 6 contacts	Screw-on terminals	1	15/30

CONNECTORS FOR QUICK AND STRUCTURED WIRING (FAST)

GW21681



RJ12 AND RJ45 CONNECTORS TOOLLESS

Code	Description	No. pairs	Category	Cables type	Connection type	No. System modules	Pack Carton
GW 21 681	RJ12 with cover	3	3	UTP	Insulation puncture	1	1/30
GW 21 683	RJ45	4	5e	FTP	Insulation puncture	1	1/30
GW 21 682	RJ45 with cover	4	5e	UTP	Insulation puncture	1	1/30
GW 21 686	RJ45	4	6	FTP	Insulation puncture	1	15/30
GW 21 685	RJ45	4	6	UTP	Insulation puncture	1	15/30

APPLICATIONS: LANs up to 16MHz (e.g. telephone systems) for cat. 3.

LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e.

LANs up to 250MHz (e.g. videoconference systems, CCTV) for cat. 6.

ACCESSORIES SUPPLIED: circuit identification label.

STRUCTURED WIRING CONNECTORS

GW21233



RJ45 CONNECTORS

Code	Description	No. pairs	Category	Cables type	Connection type	No. System modules	Pack Carton
GW 21 233	RJ45 not shielded	4	3	UTP	Insulation puncture	1	15/30
GW 21 271	RJ45 not shielded	4	5e	UTP	Insulation puncture	1	15/30
GW 21 684	RJ45 not shielded	4	6	UTP	Insulation puncture	1	1/15
GW 21 243	RJ45 shielded	4	5e	FTP	Insulation puncture	1	15/30

APPLICATIONS: LANs up to 16MHz (e.g. telephone systems) for cat. 3.

LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e.

ACCESSORIES SUPPLIED: circuit identification labels.

GW21266



UNWIRED ENCLOSURES FITTED FOR THE HOUSING OF RJ45 DATA CONNECTORS

Code	For connector type	code	Cables type	No. System modules	Pack Carton
COMPATIBILITY: IBM					
GW 21 266	Shielded - Not Shielded		S-FTP / UTP	1	1/120
COMPATIBILITY: AVAYA					
GW 21 267	Not Shielded	M 100 range	UTP	1	1/120
COMPATIBILITY: AMP					
GW 21 270	Not Shielded	110 Connect range	UTP	1	1/120

GW21270: enclosure can also be used for RJ11 cat. 3 connector.

ACCESSORIES SUPPLIED: circuit identification labels.

CONNECTORS AND CONTAINERS FOR CONVENTIONAL NETWORKS

GW21237



BNC-TYPE CONNECTOR

Code	Description	Cables type	Connection type	No. System modules	Pack Carton
GW 21 237	BNC 50 / 75 / 93 Ohm	Co-axial 100 Ohm	To be soldered	1	15/30

APPLICATIONS: BNC 50 Ohm (Ethernet networks) BNC 75/93 Ohm (video control systems, terminal connection).

GW21238



UNWIRED ENCLOSURES FITTED FOR SUB-D CONNECTORS

Code	Description	No. System modules	Pack Carton
GW 21 238	SUB-D 9 / 15 / 25 PIN	3	20/40

PROTECTION - SYSTEM BLACK

MINIATURE CIRCUIT BREAKERS

GW21431



MINIATURE CIRCUIT BREAKERS - C CHARACTERISTIC - 230V AC

Code	Description	Rated current (A)	No. System modules	Pack Carton
BREAKING CAPACITY: 3 kA				
GW 21 431	Single pole (1P)	6	1	15/30
GW 21 432	Single pole (1P)	10	1	15/30
GW 21 433	Single pole (1P)	16	1	15/30
GW 21 434	Two-pole (1P+N)	6	1	15/30
GW 21 435	Two-pole (1P+N)	10	1	15/30
GW 21 436	Two-pole (1P+N)	16	1	15/30

SYSTEM RANGE

GW21445



RESIDUAL CURRENT MINIATURE CIRCUIT BREAKERS CHARACTERISTIC C - CLASS A - 230V AC

Code	Description	Idn	Rated current (A)	No. System modules	Pack Carton
BREAKING CAPACITY: 3 kA					
GW 21 445	Two-pole (1P+N)	6 mA	6	2	1/15
GW 21 446	Two-pole (1P+N)	6 mA	10	2	1/15
GW 21 447	Two-pole (1P+N)	6 mA	16	2	1/15
GW 21 437	Two-pole (1P+N)	10 mA	6	2	1/15
GW 21 438	Two-pole (1P+N)	10 mA	10	2	1/15
GW 21 439	Two-pole (1P+N)	10 mA	16	2	1/15
GW 21 448	Two-pole (1P+N)	30 mA	6	2	1/15
GW 21 449	Two-pole (1P+N)	30 mA	10	2	1/15
GW 21 450	Two-pole (1P+N)	30 mA	16	2	1/15

GW20454



RED MINIATURE CIRCUIT BREAKERS FOR DEDICATED CIRCUITS - CHARACTERISTIC C - 230V AC

Code	Description	Rated current (A)	No. System modules	Pack Carton
BREAKING CAPACITY: 3 kA				
GW 20 454	Two-pole (1P+N)	6	1	15/30
GW 20 455	Two-pole (1P+N)	10	1	15/30
GW 20 456	Two-pole (1P+N)	16	1	15/30

PROTECTION DEVICES

GW21401



FUSE-HOLDER - 250V AC

Code	Rated current (A)	Fuse type	No. System modules	Pack Carton
GW 21 401	16	Ø 6.3 x 32 mm	1	30/60

GW21423



OVER VOLTAGE LIMITING DEVICE WITH TRIP INDICATOR - 250V AC

Code	Max. dischargeable energy	Maximum discharge current	No. System modules	Pack Carton
GW 21 423	75 J	8 kA (8/20 µs)	1	1/14

APPLICATIONS: Protection of electronic equipment (TV - Hi-Fi - computer, etc.) from overvoltage of atmospheric or manoeuvring origin that may be conveyed by the supply lines.

ENERGY, TEMPERATURE AND COMFORT MANAGEMENT - SYSTEM BLACK

DIMMER

GW21802



ELECTRONIC REGULATORS - FOR RESISTIVE LOADS

Code	Resistive load 230V ac	Control	No. System modules	Pack Carton
GW 21 802	100-500 W	Rotary	1	1/14

Frequency 50/60Hz.

NOTES: the installation of more than one product side by side in a single container is not recommended.
To avoid overheating, insert a blanking module between two electronic devices.

GW21828



ELECTRONIC REGULATORS - FOR RESISTIVE AND INDUCTIVE LOADS

Code	Resistive load 230V ac	Resistive load 110V ac	Inductive load 230V ac	Inductive load 110V ac	Control	No. System modules	Pack Carton
GW 21 828	60-500 W		60-500 VA		Push-button	1	1/14
GW 21 803	100-900 W	100-500 W	40-300 VA	20-150 VA	Rotary	1	1/14
GW 21 811	100-500 W		100-500 VA		Rotary with two-way switch	1	1/14

GW21803 Article destined solely for export to non-EU countries.

CHARACTERISTICS: GW21828 possibility to command and regulate from remote control push-buttons with NO contact.

NOTES: the side-by-side installation of several products in a single container is not recommended.

To avoid overheating, insert a blanking module between two electronic devices.

GW21828, GW21811 suitable for lamellar and toroidal transformers.

GW21829



ELECTRONIC PUSH-BUTTON REGULATOR FOR ELECTRONIC TRANSFORMERS

Code	Resistive load 230V ac	Inductive load 230V ac	Control	No. System modules	Pack Carton
GW 21 829	40-300 W	40-300 VA	Push-button	1	1/14

CHARACTERISTICS: possibility to command and regulate from remote control push-buttons with NO contact. Extremely silent item.

NOTES: to avoid overheating, the side-by-side installation of several products in a single container is not recommended;

insert a blanking module between two electronic devices.

GW21818



ELECTRONIC REGULATORS - FOR AIR AGITATORS

Code	Load 230V ac	Control	No. System modules	Pack Carton
GW 21 818	55-80 VA	Push-button	1	1/14

Frequency 50/60Hz.

APPLICATIONS: suitable for adjusting air agitators, fans and extractors with induction motors.

NOTES: the installation of more than one product side by side in a single container is not recommended.

To avoid overheating, insert a blanking module between two electronic devices.

LIGHT AND USER CONTROL DEVICES

GW21825



ELECTRONIC DAILY/WEEKLY TIMER, 1-CHANNEL

Code	Supply voltage	Output contacts	No. System modules	Pack Carton
GW 21 825	230V ac - 50/60 Hz	1NO/NC 8A(AC1)/4A(AC15)250V ac	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout.

Serial input for connecting the GSM remote control GW90821.

GW21809



2-CHANNEL DAILY/WEEKLY ELECTRONIC PROGRAMMER - 230V - 50/60HZ

Code	No. cycles per channel	Relay output	No. System modules	Pack Carton
GW 21 809	8	2NO 5A (AC1)/2A (AC15) 250V ac	3	1/2

CHARACTERISTICS: 30 days load reserve. The built-in buffer battery allows programming to be maintained even in the case of a temporary power cut.

GW21810



ELECTRONIC PUSH-BUTTON TIMER WITH REMOTE CONTROL INPUT - 230V - 50/60HZ

Code	Regulation field	Relay output	No. System modules	Pack Carton
GW 21 810	30 s - 15 min	1NO 10A(AC1)/5A(AC15) 250V ac	2	1/4

TEMPERATURE CONTROL DEVICES

GW14701



WALL-MOUNTING TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING - BATTERY - POWERED

Code	Temperature adjustment	Colour	Output contacts	Dimensions LxHxD (mm)	Pack Carton
GW 10 701	From +5°C to +40°C	White	1NO/NC 5A(AC1)/2A(AC15)250V ac	130x92x23 mm	1/2
GW 14 701	From +5°C to +40°C	Titanium	1NO/NC 5A(AC1)/2A(AC15)250V ac	130x92x23 mm	1/2

CHARACTERISTICS: powered with 3 alkaline 1.5V batteries (AAA), not included. Average battery duration: 1 year. Automatic energy saving and comfort function; serial input for connection of GSM repeater GW90821. Kit for wall-mounting, containing: two strips of double-sided adhesive tape, two ø 6mm wall plugs with screws.

GW21827



TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING

Code	Supply voltage	Temperature adjustment	Output contacts	No. System modules	Pack Carton
GW 21 827	230V ac - 50/60 Hz	da +5°C a +40°C	1NO/NC 5A(AC1)/2A(AC15)250V ac	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a lack of voltage. Serial input for connecting the GSM remote control GW90821.

GW21808



SUMMER/WINTER ELECTRONIC THERMOSTAT WITH DISPLAY AND KEYPAD - 230V - 50/60 HZ

Code	Temperature adjustment	Output contacts	No. System modules	Pack Carton
GW 21 808	From +5°C to +40°C	1NO 5A(AC1)/2A (AC15) 250V ac	3	1/4

CHARACTERISTICS: temperature levels: comfort (settable), night-time reduction, frost protection. Input available for 1 external probe GW30703, available as accessory, for the visualisation of the temperature in another environment (e.g. outside, cellar, bathroom, children's room). Supplied with built-in buffer battery. 30 days reserve charge.

GW21852



SUMMER/WINTER ELECTRONIC THERMOSTAT WITH KNOB ADJUSTMENT AND LED INDICATOR - 230V - 50/60HZ

Code	Temperature adjustment	Output contacts	No. System modules	Pack Carton
GW 21 852	From +5°C to +30°C	1 NO/NC 8A(AC1)/2A(AC15) 250V ac	3	1/2

CHARACTERISTICS: option of controlling night-time reduction via remote control (fixed 4°C).

GW21853



SUMMER/WINTER ELECTRONIC THERMOSTAT FOR FAN-COIL, WITH KNOB ADJUSTMENT, 3-SPEED SELECTOR AND SOLENOID VALVE CONTROL - 230V - 50/60HZ

Code	Regulation field	Output solenoid	Output fan	Output contacts	No. System modules	Pack Carton
GW 21 853	+5° C / +30° C	Relay NO/NC	Three way switch 1P	5A (AC1) / 2A (AC15)	3	1/2

CHARACTERISTICS: operating modes; solenoid valve thermostat and fixed ventilation, solenoid valve and thermostat-controlled ventilation, only thermostat-controlled ventilation and unconnected solenoid valve.

SIGNALLING - SYSTEM BLACK

ANTI BLACK-OUT AND EMERGENCY LAMPS

GW21833



EXTRACTABLE ANTI BLACK-OUT LAMP - 230V - 50/60HZ

Code	Power supply batteries	Autonomy	Lenticular bulb	No. System modules	Pack Carton
GW 21 833	Ni-Cd	2 h	2.2V - 0.25A	2	1/4

POWER SUPPLY VOLTAGE: 230V - 50/60 Hz

CHARACTERISTICS: equipped with inhibition selector on the front.
It uses (Ni-Cd) 1.2V - 0.6 Ah, 2x2/3 Af batteries.

GW21835



FIXED ANTI BLACK-OUT LAMP - 230V - 50/60 HZ

Code	Power supply voltage	Power supply batteries	Minimum autonomy	Lamp	No. System modules	Pack Carton
GW 21 835	230V ac - 50/60 Hz	Ni - Mh	1 h	Led	1	1/14

CHARACTERISTICS: green LED to indicate mains presence. Highly efficient, white LED lamp.

GW21834



AUTONOMOUS EMERGENCY LAMP NM NON-MAINTAINED LIGHTING FITTED WITH SELF-SUPPORTING SUPPORT FOR TOP SYSTEM / VIRNA 6-GANG PLATES - 230V - 50/60HZ

Code	Lamp power	Lamp holder	Power supply batteries	Autonomy	No. System modules	Pack Carton
GW 21 834	4 W	FD G5	Ni-Cd	1 h	6	1/2

Supplied without front plate (to be chosen from the 6 gang plates of the TOP SYSTEM and VIRNA ranges).

CHARACTERISTICS: equipped with inhibition push-button.

APPLICATIONS: installation on 6 gang flush-mounting rectangular box with a centre distance of 100mm (GW24406, GW24246).

ACOUSTIC SIGNALLING DEVICES

GW21641



ELECTRONIC BELLS WITH 3 DIFFERENT TONES

Code	Supply voltage	Power input	Loudness	No. System modules	Pack Carton
GW 21 641	12V ac/dc	6 VA	80 dB (at 1 m)	2	1/4
GW 21 643	230V ac - 50 Hz	3.2 VA	80 dB (at 1 m)	2	1/4

CHARACTERISTICS: selector for volume adjustment on the front, three different types of sound: A e.g. bathroom call, B e.g. hall call, C e.g. bedroom call.

GW21613



BELLS

Code	Supply voltage	Power input	Loudness	No. System modules	Pack Carton
GW 21 613	12V - 50 Hz	8 VA	80 dB (at 1 m)	1	15/30
GW 21 616	230V ac - 50 Hz	8 VA	80 dB (at 1 m)	1	15/30

GW21617



BUZZERS

Code	Supply voltage	Power input	Loudness	No. System modules	Pack Carton
GW 21 617	12V - 50 Hz	8 VA	75 dB (at 1 m)	1	15/30
GW 21 620	230V - 50 Hz	8 VA	75 dB (at 1 m)	1	15/30

LUMINOUS SIGNALLING DEVICES

GW21603



SINGLE INDICATOR LAMPS - 12/24/250V AC

Code	Diffuser colour	Diffuser meaning	Fixing for lamp type	No. System modules	Pack Carton
DIFFUSOR TYPE: FLAT					
GW 21 603	Red	Danger	Cartridge	1	30/60
GW 21 604	Green	Safety	Cartridge	1	30/60
GW 21 605	Yellow	Attention	Cartridge	1	30/60
GW 21 606	Transparent	Neutral	Cartridge	1	30/60
GW 21 631	Blue	Specific	Cartridge	1	30/60

Supplied without lamp. They use S6, 3x28 mm (max 2W) and S6x31 mm cartridge lamps.

The "diffuser meaning" is referred to the recommendations of the EN60073 (CEI 16-3) standard on the use of colours in indicator lights.

GW21607



DOUBLE INDICATOR LAMPS

Code	Diffuser colour	Lamp voltage	No. System modules	Pack Carton
DIFFUSOR TYPE: FLAT				
GW 21 607	Red/green	230V ac	1	15/30
GW 21 608	Red/green	12-24V ac/dc	1	15/30

ACCESSORIES SUPPLIED: supplied with lamp.

GW21634



STAIR RISER LAMP WITH WHITE LED LIGHT - 12/230V AC

Code	Diffuser colour	Lamp	Lamp voltage	No. System modules	Pack Carton
GW 21 634	White	Integrated LED	12V ac/dc - 230V ac	2	1/15

CHARACTERISTICS: very bright LED, light adjustment eyelid, 12V ac/dc - 230V ac supply with double supply input.

SYSTEM RANGE

GW20601



STAIR RISER OR SPECIAL USES LAMPS WITH FLAT DIFFUSER - 12/24V

Code	Diffuser colour	Fixing for lamp type	No. System modules	Pack Carton
GW 20 601	Opal	Cartridge	3	15/30
GW 20 623	Red	Cartridge	3	15/30
GW 20 624	Green	Cartridge	3	15/30
GW 20 625	Yellow	Cartridge	3	15/30
GW 20 626	Blue	Cartridge	3	15/30

Supplied without lamps. They use 56x36 mm (max 2W) cartridge lamps.

APPLICATIONS: identifying steps, obstacles, etc.

GW20602



STAIR RISER OR SPECIAL USES LAMPS WITH PROTRUDING DIFFUSER - 12/24V

Code	Diffuser colour	Fixing for lamp type	No. System modules	Pack Carton
GW 20 602	Opal	Cartridge	3	1/12
GW 20 627	Red	Cartridge	3	1/12
GW 20 628	Green	Cartridge	3	1/12
GW 20 629	Yellow	Cartridge	3	1/12
GW 20 630	Blue	Cartridge	3	1/12

Supplied without lamps. They use 56x36 mm (max 2W) cartridge lamps.

APPLICATIONS: indicator.

GW20622



LAMP HOLDER

Code	Lampholder type	Power	Colour	No. System modules	Pack Carton
GW 20 622	E27	40 W	Black	2	15/30

SAFETY - SYSTEM BLACK

TECHNICAL ALARMS

GW21868



LPG DETECTOR

Code	Power supply voltage	Alarm threshold	Output contacts	No. SYSTEM modules	Pack Carton
GW 21 868	12V ac/dc	9% LIE	1NO/NC 10A(NO)/3A(NC)250V ac	2	1/2

CHARACTERISTICS: relay output for the automatic command of the gas interception solenoid valve with manual reset GW30522.
Sound intensity: 85 dB at 1m.

NOTES: owing to the particular thermal sensitivity of the LPG sensor, you are advised to keep the LPG detector far from the power supply GW21866 with a 1-module blanking module GW21056.

GW21867



METHANE GAS DETECTOR

Code	Power supply voltage	Alarm threshold	Output contacts	No. SYSTEM modules	Pack Carton
GW 21 867	12V ac/dc	9% LIE	1NO/NC 10A(NO)/3A(NC)250V ac	2	1/2

CHARACTERISTICS: relay output for the automatic command of the gas interception solenoid valve with manual reset GW30522.
Sound intensity: 85 dB at 1m.

GW21866



POWER SUPPLY

Code	Primary voltage	Secondary output	Rated power supplyable	No. SYSTEM modules	Pack Carton
GW 21 866	230V ac - 50/60 Hz	12V dc	2 VA	1	1/4

APPLICATIONS: to be used for powering the detectors GW21868 and GW21867.

GW21862



ELECTRONIC GAS DETECTORS EQUIPPED WITH AUDIO/VISUAL SIGNALLING, RELAY OUTPUT - 230V - 50HZ

Code	Gas type	Tripping threshold	Relay output	Loudness	No. System modules	Pack Carton
GW 21 862	Natural gas CH4	15% LIE	1 change-over contact NO/NC	85 dB (at 1 m)	3	1/2

CHARACTERISTICS: relay and output for automatic control of gas interception solenoid valve with manual reset (e.g. code GW30522).

GW30522



SOLENOID VALVE, WITH MANUAL RESET, NORMALLY OPEN - 230V - 50HZ

Code	Delivery Ø	Material	Power input	Pack Carton
GW 30 522	3/4"	Brass	12 VA	1/2

SPECIAL APPLICATIONS - SYSTEM BLACK

COMPONENTS FOR HOTEL SYSTEMS

GW21820



UNIVERSAL BADGE SWITCH WITH LOCATION LIGHT - 250V AC

Code	Description	For badge card max. width	Type	No. System modules	Pack Carton
GW 21 820	1P NO - 10A	54 mm	Luminous 230V ac	3	1/2

Supplied without badge.

APPLICATIONS: activation of users and services inside hotel rooms (e.g. lights, air-conditioner, minibar) when the room is occupied (with badge inserted).

GW21841



EUROPEAN/AMERICAN STANDARD SHAVER SOCKET WITH INSULATION TRANSFORMER AND INDICATOR LIGHT FOR THE SELECTED VOLTAGE - 230V - 50/60HZ

Code	Description	For plug pins	Selectable output voltage	Maximum power	No. System modules	Pack Carton
GW 21 841	2P	Ø 4 - 6.3x1.5 mm	120 - 230V ac	20 VA	3	1/4

CHARACTERISTICS: The output voltage must be properly selected in accordance with what is shown on the data plate of the user device before plugging it in. The relevant indicator LED allows the chosen voltage to be clearly seen.

COMMON ARTICLES - SYSTEM BLACK AND WHITE RANGE



MINIATURE LAMPS WITH QUICK COUPLING TERMINALS

Code	Lamp voltage	Lamp power	Lamp	Light emitted	Pack Carton
GW 30 943	230V ac	0.4 W	Fluorescent	Red	50
GW 30 944	230V ac	0.4 W	Fluorescent	Green	50
GW 30 946	110 / 230V ac	1 W	Led	Light blue	50
GW 30 947	110 / 230V ac	1 W	Led	White	50
GW 10 893	12-24V ac/dc	0.6 W	Led	White	50

APPLICATIONS: miniature lamps are mounted on all control devices fitted for luminous signalling.



GW10881

MINIATURE LAMPS WITH WIRED LEAD AND LED LAMP

Code	Lamp voltage	Lamp	Colour	Lamp power	Cable Colour	Pack Carton
GW 10 881	230V ac - 50/60 Hz	Led	Blue	0.6 W	Blue	50
GW 10 882	230V ac - 50/60 Hz	Led	White	0.6 W	White	50
GW 10 883	230V ac - 50/60 Hz	Led	Red	0.6 W	Red	50
GW 10 884	230V ac - 50/60 Hz	Led	Green	0.6 W	Green	50
GW 10 885	230V ac - 50/60 Hz	Led	Amber	0.6 W	Orange	50

NOTES: the miniature lamps with wired lead are equipped with power cables.



GW10894

MINIATURE LAMPS WITH WIRED LEAD AND LED LAMP - 12/24V

Code	Lamp voltage	Lamp	Colour	Lamp power	Cable Colour	Pack Carton
GW 10 894	12-24V ac/dc	Led	White	0.6 W	White	50

NOTE: the miniature lamps with wired lead are equipped with power cables.



GW20902

CARTRIDGE LAMPS

Code	Dimensions (mm)	Lamp voltage	Lamp power	Lamp	Light emitted	Pack Carton
GW 20 902	56x36	12V ac/dc	2 W	Incandescence	White	50
GW 20 903	56x36	24V ac/dc	2 W	Incandescence	White	50
GW 20 904	56x31	12V ac/dc	2 W	Incandescence	White	50
GW 20 905	56x31	24V ac/dc	2 W	Incandescence	White	50
GW 20 906	56.3x28	110 / 230V ac	0.4 W	Fluorescent	Red	50
GW 20 908	56.3x28	110 / 230V ac	0.4 W	Fluorescent	Green	50

The cartridge lamps are mounted on the stair riser, on the single lamps and push-buttons with name-plate.



GW20911

MINIATURE FUSES - 250V AC

Code	Rated current (A)	Rated voltage	Pack Carton
DIMENSIONS (MM): Ø 5 x 20			
GW 20 911	2.5	250V ac	20/200
DIMENSIONS (MM): Ø 6.3 x 32			
GW 20 921	2	250V ac	10/200
GW 20 922	4	250V ac	10/200
GW 20 923	6	250V ac	10/200
GW 20 924	10	250V ac	10/200
GW 20 925	16	250V ac	10/200



GW30912

SET OF 2 KEYS FOR PLAYBUS / SYSTEM COMMAND DEVICES

Code	Suitable for	Pack Carton
GW 20 901	GW20005 GW20008 GW21005 GW21008 GW30007 GW30014	1/100
GW 30 912	GW20530 GW21530 GW30032	1/100

ROTATING KNOB DIMMER

GW96941



RESISTIVE ROTARY DIMMER

Code	General lamps (230V)	HV halogen lamps (230V)	LV Hal. lamp. conv. transf.	LV Hal. lamp. elec. transf.	Pack Carton
GW 96 941	60..500 W	60..500 W	Not allowed	Not allowed	1/4

GW96942



RESISTIVE/INDUCTIVE ROTARY DIMMER

Code	General lamps (230V)	HV halogen lamps (230V)	LV Hal. lamp. conv. transf.	LV Hal. lamp. elec. transf.	Pack Carton
GW 96 942	20..450 W	20..450 W	20.450 VA	Not allowed	1/4

TOP SYSTEM PLATES

TOP SYSTEM TECHNOPOLYMER PLATES, PASTEL COLOUR, GLOSSY FINISH

GW22503



CLOUD WHITE PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 501	1 gang		GW24201	96
GW 22 502	2 gang		GW24262	96
GW 22 503	3 gang		GW24201	96
GW 22 504	4 gang		GW24202	96
GW 22 506	6 gang		GW24230	8
GW 22 507	8 gang	4+4 overlapping	GW24240	6
GW 22 508	12 gang	6+6 overlapping	GW24241	6

GW22513



TONER BLACK PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 511	1 gang		GW24201	96
GW 22 512	2 gang		GW24262	12
GW 22 513	3 gang		GW24201	96
GW 22 514	4 gang		GW24202	12
GW 22 516	6 gang		GW24230	8
GW 22 517	8 gang	4+4 overlapping	GW24240	6

GW22523



GERANIUM RED PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 521	1 gang		GW24201	24
GW 22 522	2 gang		GW24262	12
GW 22 523	3 gang		GW24201	24
GW 22 524	4 gang		GW24202	12
GW 22 526	6 gang		GW24230	8
GW 22 527	8 gang	4+4 overlapping	GW24240	6

GW22533



CLASSIC BURGUNDY PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 531	1 gang		GW24201	24
GW 22 532	2 gang		GW24262	12
GW 22 533	3 gang		GW24201	24
GW 22 534	4 gang		GW24202	12
GW 22 536	6 gang		GW24230	8
GW 22 537	8 gang	4+4 overlapping	GW24240	6

GW22543



VENETIAN GREEN PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 541	1 gang		GW24201	24
GW 22 542	2 gang		GW24262	12
GW 22 543	3 gang		GW24201	24
GW 22 544	4 gang		GW24202	12
GW 22 546	6 gang		GW24230	8
GW 22 547	8 gang	4+4 overlapping	GW24240	6

GW22553



RACING GREEN PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 551	1 gang		GW24201	24
GW 22 552	2 gang		GW24262	12
GW 22 553	3 gang		GW24201	24
GW 22 554	4 gang		GW24202	12
GW 22 556	6 gang		GW24230	8
GW 22 557	8 gang	4+4 overlapping	GW24240	6

GW22563



SKY BLUE PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 561	1 gang		GW24201	24
GW 22 562	2 gang		GW24262	12
GW 22 563	3 gang		GW24201	24
GW 22 564	4 gang		GW24202	12
GW 22 566	6 gang		GW24230	8
GW 22 567	8 gang	4+4 overlapping	GW24240	6

GW22573



JAZZ BLUE PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 571	1 gang		GW24201	24
GW 22 572	2 gang		GW24262	12
GW 22 573	3 gang		GW24201	24
GW 22 574	4 gang		GW24202	12
GW 22 576	6 gang		GW24230	8
GW 22 577	8 gang	4+4 overlapping	GW24240	6

GW22583



CORN YELLOW PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 581	1 gang		GW24201	24
GW 22 582	2 gang		GW24262	12
GW 22 583	3 gang		GW24201	24
GW 22 584	4 gang		GW24202	12
GW 22 586	6 gang		GW24230	8
GW 22 587	8 gang	4+4 overlapping	GW24240	6

TOP SYSTEM TECHNOLOGY PLATES, METALLIC COLOUR, GLOSSY FINISH

GW22603



METALLIC TITANIUM PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 601	1 gang		GW24201	12
GW 22 602	2 gang		GW24262	12
GW 22 603	3 gang		GW24201	12
GW 22 604	4 gang		GW24202	12
GW 22 606	6 gang		GW24230	8
GW 22 607	8 gang	4+4 overlapping	GW24240	6
GW 22 608	12 gang	6+6 overlapping	GW24241	6

GW22613



METALLIC SLATE PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 611	1 gang		GW24201	12
GW 22 612	2 gang		GW24262	12
GW 22 613	3 gang		GW24201	12
GW 22 614	4 gang		GW24202	12
GW 22 616	6 gang		GW24230	8
GW 22 617	8 gang	4+4 overlapping	GW24240	6
GW 22 618	12 gang	6+6 overlapping	GW24241	6

TOP SYSTEM TECHNOPOLYMER PLATES, CLASSIC COLOUR

GW22673



ENGLISH WALNUT PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 671	1 gang		GW24201	12
GW 22 672	2 gang		GW24262	12
GW 22 673	3 gang		GW24201	12
GW 22 674	4 gang		GW24202	12
GW 22 676	6 gang		GW24230	8
GW 22 677	8 gang	4+4 overlapping	GW24240	6

GW22653



SOFT CHROME PLATES, GLOSSY FINISH

Code	Description	Configuration	For support codes	Pack Carton
GW 22 651	1 gang		GW24201	12
GW 22 652	2 gang		GW24262	12
GW 22 653	3 gang		GW24201	12
GW 22 654	4 gang		GW24202	12
GW 22 656	6 gang		GW24230	8
GW 22 657	8 gang	4+4 overlapping	GW24240	6

GW22663



ANTIQUE GOLD PLATES, GLOSSY FINISH

Code	Description	Configuration	For support codes	Pack Carton
GW 22 661	1 gang		GW24201	12
GW 22 662	2 gang		GW24262	12
GW 22 663	3 gang		GW24201	12
GW 22 664	4 gang		GW24202	12
GW 22 666	6 gang		GW24230	8
GW 22 667	8 gang	4+4 overlapping	GW24240	6

VIRNA PLATES

VIRNA TECHNOPOLYMER PLATES, PASTEL COLOUR, GLOSSY FINISH

GW22103



CLOUD WHITE PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 101	1 gang		GW24201	96
GW 22 102	2 gang		GW24262	96
GW 22 103	3 gang		GW24201	96
GW 22 104	4 gang		GW24202	96
GW 22 106	6 gang		GW24230	8
GW 22 107	8 gang	4+4 overlapping	GW24240	6
GW 22 108	12 gang	6+6 overlapping	GW24241	6

GW22113



TONER BLACK PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 111	1 gang		GW24201	96
GW 22 112	2 gang		GW24262	12
GW 22 113	3 gang		GW24201	96
GW 22 114	4 gang		GW24202	12
GW 22 116	6 gang		GW24230	8
GW 22 117	8 gang	4+4 overlapping	GW24240	6

GW22123



GERANIUM RED PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 121	1 gang		GW24201	24
GW 22 122	2 gang		GW24262	12
GW 22 123	3 gang		GW24201	24
GW 22 124	4 gang		GW24202	12
GW 22 126	6 gang		GW24230	8
GW 22 127	8 gang	4+4 overlapping	GW24240	6

GW22133



CLASSIC BURGUNDY PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 131	1 gang		GW24201	24
GW 22 132	2 gang		GW24262	12
GW 22 133	3 gang		GW24201	24
GW 22 134	4 gang		GW24202	12
GW 22 136	6 gang		GW24230	8
GW 22 137	8 gang	4+4 overlapping	GW24240	6

GW22143



VENETIAN GREEN PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 141	1 gang		GW24201	24
GW 22 142	2 gang		GW24262	12
GW 22 143	3 gang		GW24201	24
GW 22 144	4 gang		GW24202	12
GW 22 146	6 gang		GW24230	8
GW 22 147	8 gang	4+4 overlapping	GW24240	6

GW22153



RACING GREEN PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 22 151	1 gang		GW24201	24
GW 22 152	2 gang		GW24262	12
GW 22 153	3 gang		GW24201	24
GW 22 154	4 gang		GW24202	12
GW 22 156	6 gang		GW24230	8
GW 22 157	8 gang	4+4 overlapping	GW24240	6

GW22163



SKY BLUE PLATES				
Code	Description	Configuration	For support codes	Pack Carton
GW 22 161	1 gang		GW24262	24
GW 22 162	2 gang		GW24262	12
GW 22 163	3 gang		GW24201	24
GW 22 164	4 gang		GW24202	12
GW 22 166	6 gang		GW24230	8
GW 22 167	8 gang	4+4 overlapping	GW24240	6

GW22173



JAZZ BLUE PLATES				
Code	Description	Configuration	For support codes	Pack Carton
GW 22 171	1 gang		GW24201	24
GW 22 172	2 gang		GW24262	12
GW 22 173	3 gang		GW24201	24
GW 22 174	4 gang		GW24202	12
GW 22 176	6 gang		GW24230	8
GW 22 177	8 gang	4+4 overlapping	GW24240	6

GW22183



CORN YELLOW PLATES				
Code	Description	Configuration	For support codes	Pack Carton
GW 22 181	1 gang		GW24201	24
GW 22 182	2 gang		GW24262	12
GW 22 183	3 gang		GW24201	24
GW 22 184	4 gang		GW24202	12
GW 22 186	6 gang		GW24230	8
GW 22 187	8 gang	4+4 overlapping	GW24240	6

VIRNA TECHNOPOLYMER PLATES, METALLIC COLOUR, GLOSSY FINISH

GW22283



METALLIC TITANIUM PLATES				
Code	Description	Configuration	For support codes	Pack Carton
GW 22 281	1 gang		GW24201	12
GW 22 282	2 gang		GW24262	12
GW 22 283	3 gang		GW24201	24
GW 22 284	4 gang		GW24202	12
GW 22 286	6 gang		GW24230	8
GW 22 287	8 gang	4+4 overlapping	GW24240	6
GW 22 288	12 gang	6+6 overlapping	GW24241	6

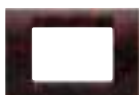
GW22293



METALLIC SLATE PLATES				
Code	Description	Configuration	For support codes	Pack Carton
GW 22 291	1 gang		GW24201	12
GW 22 292	2 gang		GW24262	12
GW 22 293	3 gang		GW24201	24
GW 22 294	4 gang		GW24202	12
GW 22 296	6 gang		GW24230	8
GW 22 297	8 gang	4+4 overlapping	GW24240	6
GW 22 298	12 gang	6+6 overlapping	GW24241	6

VIRNA TECHNOPOLYMER PLATES, CLASSIC COLOUR

GW22273



ENGLISH WALNUT PLATES				
Code	Description	Configuration	For support codes	Pack Carton
GW 22 271	1 gang		GW24201	12
GW 22 272	2 gang		GW24262	12
GW 22 273	3 gang		GW24201	24
GW 22 274	4 gang		GW24202	12
GW 22 276	6 gang		GW24230	8
GW 22 277	8 gang	4+4 overlapping	GW24240	6

GW22253



SOFT CHROME PLATES, GLOSSY FINISH				
Code	Description	Configuration	For support codes	Pack Carton
GW 22 251	1 gang		GW24201	12
GW 22 252	2 gang		GW24262	12
GW 22 253	3 gang		GW24201	24
GW 22 254	4 gang		GW24202	12
GW 22 256	6 gang		GW24230	8
GW 22 257	8 gang	4+4 overlapping	GW24240	6

GW22263



ANTIQUÉ GOLD PLATES, GLOSSY FINISH				
Code	Description	Configuration	For support codes	Pack Carton
GW 22 261	1 gang		GW24201	12
GW 22 262	2 gang		GW24262	12
GW 22 263	3 gang		GW24201	24
GW 22 264	4 gang		GW24202	12
GW 22 266	6 gang		GW24230	8
GW 22 267	8 gang	4+4 overlapping	GW24240	6

DOMESTIC RANGE PLATES CASE

GW32417



DOMESTIC RANGES PLATES CASE		
Code	Description	Pack Carton
GW 32 417	Domestic range plate case	1/2

CONTENTS: 14 VIRNA plates; 14 PLAYBUS YOUNG plates; 14 TOP SYSTEM plates; 14 ECO60 plates;
 1 combination with three devices of the PLAYBUS range; 1 combination with three devices of the SYSTEM range;
 1 combination with the ECO60 range, with white device; 1 combination with the ECO60 range, with black device;

CLASSIC PLATES

CLASSIC METAL PLATES



GW22213

CHROME PLATES

Code	Description	For support codes	Pack Carton
GW 22 213	3 gang	GW24201	12
GW 22 214	4 gang	GW24202	12



GW22223

GOLD PLATES

Code	Description	For support codes	Pack Carton
GW 22 223	3 gang	GW24201	12
GW 22 224	4 gang	GW24202	12



GW22233

BRONZE PLATES

Code	Description	For support codes	Pack Carton
GW 22 233	3 gang	GW24201	12
GW 22 234	4 gang	GW24202	12



GW22207

SATIN STAINLESS STEEL PLATES

Code	Description	For support codes	Pack Carton
GW 22 207	1 gang	GW24201	1/120
GW 22 208	3 gang	GW24201	1/120
GW 22 209	4 gang	GW24202	1/60

SPECIAL PLATES, ENCLOSURES AND SUPPORTS

COMPACT SELF-SUPPORTING PLATES

GW24001



SELF-SUPPORTING PLATES - CLOUD WHITE COLOUR

Code	Description	Configuration	For flush mounting box	For wall mounting boxes	Pack Carton
GW 24 001	1 gang		GW24403 GW24207	GW24006	1/120
GW 24 002	2 gang		GW24403 GW24207	GW24006	1/120
GW 24 003	3 gang		GW24403 GW24207	GW24006	1/120
GW 24 004	4 gang		GW24404	-	1/60
GW 24 005	6 gang	3+3 overlapping	GW24206	GW24007	1/60

WATERTIGHT PLATES

GW22451



SELF-SUPPORTING WATERTIGHT PLATES FOR INSTALLATION ON FLUSH-MOUNTING RECTANGULAR BOXES - IP55

Code	Description	Colour Plate	For flush mounting box	Pack Carton
GW 22 451	3 gang	Cloud white	GW24403 GW24207	30
GW 22 452	3 gang	Toner black	GW24403 GW24207	30
GW 22 453	3 gang	RAL 7035 grey	GW24403 GW24207	30
GW 22 461	4 gang	Cloud white	GW24404	30
GW 22 462	4 gang	Toner black	GW24404	30
GW 22 463	4 gang	RAL 7035 grey	GW24404	30

CHARACTERISTICS: ergonomic membrane with notches in UV-resistant material. Snap closing system. Opening made easy by long key.

PLATES FOR PROFILES

GW24008



SELF-SUPPORTING PLATES FOR PROFILES AND PANELS COMPLETE WITH INSULATING BOX

Code	Description	Configuration	Colour Plate	Pack Carton
GW 24 008	1 gang		Cloud white	1/60
GW 24 009	1 gang		Toner black	1/60
GW 24 010	2 gang		Cloud white	1/60
GW 24 011	2 gang		Toner black	1/60
GW 24 022	4 gang	2+2 overlapping	Cloud white	1/30
GW 24 023	4 gang	2+2 overlapping	Toner black	1/30

CHARACTERISTICS: box colour, Grey RAL7035.

WALL-MOUNTING BOXES

GW22471



WALL-MOUNTING BOXES FOR TOP SYSTEM PLATES

Code	Suitable for	Colour	For trunking dim. (mm)	For conduits max. Ø (mm)	Pack Carton
GW 22 471	1/2/3 gang TOP SYSTEM	Cloud white	14x8.5 30x13 20x10	16 - 20	3/60
GW 22 472	4 gang TOP SYSTEM	Cloud white	14x8.5 30x13 20x10	16 - 20	3/30

CHARACTERISTICS: fitted for fixing earth terminal GW26407.

GW24006



WALL-MOUNTING BOXES FOR COMPACT SELF-SUPPORTING PLATES

Code	Suitable for	Colour	For trunking dim. (mm)	For conduits max Ø (mm)	Pack Carton
GW 24 006	1/2/3 gang COMPACT	Cloud white	14x8.5 30x13 20x10	16 - 20 - 25	3/60
GW 24 007	3+3 gang COMPACT	Cloud white	14x8.5 30x13 20x10	16 - 20 - 25	3/30

CHARACTERISTICS: fitted for fixing the earth terminal GW26407.

NP40432



UNIVERSAL DEVICE BOXES FOR SUPPORTS/PLATES - STANDARD ITALIAN

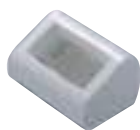
Code	No. gangs	Configuration	Installable support./plates	Colour	Pack Carton
NP 40 432	3		Central axis 83.5 mm	White RAL 9010	10
NP 40 438	4		Central axis 108.5 mm	White RAL 9010	10
NP 40 444	12	6+6 overlapping	Central axis 163 mm	White RAL 9010	5
NP 40 434	3		Central axis 83.5 mm	Anthracite RAL 7021	10
NP 40 440	4		Central axis 108.5 mm	Anthracite RAL 7021	10
NP 40 446	12	6+6 overlapping	Central axis 163 mm	Anthracite RAL 7021	5

Suited for skirting and framing trunking.

CHARACTERISTICS: in combination with the relevant support allows the PLAY/BUS/SYSTEM/CHORUS range of plates to be installed.

FREE-STANDING AND WALL-MOUNTING CONTAINERS

GW24018



FREE-STANDING AND WALL-MOUNTING CONTAINERS

Code	Description	Colour	Outer dim. LxHxD (mm)	Pack Carton
GW 24 018	4 gang	Cloud white	126 x 91 x 60	1/30
GW 24 019	4 gang	Toner black	126 x 91 x 60	1/30
GW 24 020	6 gang	Cloud white	181 x 91 x 60	1/20
GW 24 021	6 gang	Toner black	181 x 91 x 60	1/20

ACCESSORIES SUPPLIED: cable gland (for max Ø 10 mm cable), cable clamp.

SUPPORTS

GW24201



GREY INSULATING SUPPORTS TO INSTALL TOP SYSTEM / VIRNA / CLASSIC PLATES ON RECTANGULAR BOXES

Code	Description	Pack Carton
GW 24 201	3 gang	10/300
GW 24 202	4 gang	10/150
GW 24 230	6 gang	10/100
GW 24 240	8 gang	10/60
GW 24 241	12 gang	10/40

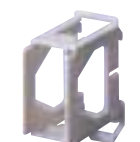
GW24262



GREY INSULATING SUPPORTS TO INSTALL TOP SYSTEM / VIRNA PLATES ON SQUARE/RECTANGULAR BOXES

Code	Description	Pack Carton
GW 24 262	2 gang	10/120

GW26409



SUPPORTS FOR MOUNTING SYSTEM RANGE COMPONENTS ON DIN RAIL

Code	Description	No. DIN modules	Pack Carton
GW 26 409	1 gang	1,5	5/300
GW 26 410	2 gang	3	5/150

SYSTEM RF range

Wireless devices

Range of wireless "Command and Control" and "Burglar alarm" devices.



- Full integration with the existing systems.
- Extremely easy configuration and initial start-up.
- Pulse-type data transmission to make the system reliable and safe.
- Wide coverage of the radio transmission distance between the devices.













RF COMMAND AND CONTROL



COMMAND DEVICES			
VIRNA	TOP SYSTEM	DESCRIPTION	CHARACTERISTICS
		RF push-button panel with Top System or Virna plate supplied as standard: - cloud white for System White - metallic titanium for System Black	- 1 channel. - Just one two-position command button key for sending differentiated messages. - To be combined with any GEWISS RF actuator. - Powered by 2 AAA batteries.
White GW 20 891 Black GW 21 891	White GW 20 991 Black GW 21 991		
		RF push-button panel with Top System or Virna plate supplied as standard: - cloud white for System White - metallic titanium for System Black	- 2 channels. - Two two-position command button keys for sending differentiated messages. - To be combined with any GEWISS RF actuator. - Powered by 2 AAA batteries.
White GW 20 892 Black GW 21 892	White GW 20 992 Black GW 21 992		
		RF push-button panel with Top System or Virna plate supplied as standard: - cloud white for System White - metallic titanium for System Black	- 3 channels. - Three two-position command button keys for sending differentiated messages. - To be combined with any GEWISS RF actuator. - Powered by 2 AAA batteries.
White GW 20 893 Black GW 21 893	White GW 20 993 Black GW 21 993		
		RF push-button panel with Top System or Virna plate supplied as standard: - cloud white for System White - metallic titanium for System Black	- 4 channels. - Four two-position command button keys for sending differentiated messages. - To be combined with any GEWISS RF actuator. - Powered by 2 AAA batteries.
White GW 20 894 Black GW 21 894	White GW 20 994 Black GW 21 994		
	GW 20 963	RF remote control	- 3 channels. - 6 command button keys (2 per channel) for sending differentiated messages. - To be combined with any GEWISS RF actuator. - Powered by 2 AAA batteries.
		RF 2-channel input modules	- 1 System module. - It receives signals coming from contacts without potential (push-buttons, one-way switches, technical alarm contacts, conventional type of thermostats, etc.) and sends radio messages. - To be combined with any GEWISS RF actuator. - 230V ac power supply.
GW 20 966	GW 21 966		


SENSORS

		Wireless IR + light-sensitive movement detector with Top System or Virna plate supplied as standard: - cloud white for System White - metallic titanium for System Black	- IR movement sensor and photoelectric cell. - It separately starts the IR, twilight, IR+twilight function with three different actuators. - To be combined with the single-channel actuators GW 20 980 - GW 21 980 and GW 20 981 - GW 21 981. - Powered by 3 AAA batteries.
White GW 20 890 Black GW 21 890	White GW 20 990 Black GW 21 990		

TEMPERATURE ADJUSTMENT			
 GW 10 841	 GW 14 841	RF timed thermostats. Wall-mounting	<ul style="list-style-type: none"> - 1 RF transmission channel - To command the boilers, solenoid valves, electrical heating elements, fan coil, etc. - To be combined with SYSTEM RF actuators for general loads. - Possible remote control via SMS by means of a serial connection with GSM GW 90 821 remote control - Power supply by means of three 1.5V AAA alkaline batteries.
 GW 10 851	 GW 14 851	RF two-way timed thermostats. Wall-mounting	<ul style="list-style-type: none"> - 1 RF transmission channel, 1 RF two-way channel - To command the boilers, solenoid valves, electrical heating elements, fan coil, etc. - To be combined with SYSTEM RF actuators for general loads. - Possible remote control via SMS by means of a two-way RF connection with GSM GW 90 821 remote control equipped with GW 90 822 interface. - Power supply by means of three 1.5V AAA alkaline batteries.










OUTPUT MODULES - ACTUATORS			
		DESCRIPTION	CHARACTERISTICS
 GW 20 980	 GW 21 980	Output RF modules for general loads	<ul style="list-style-type: none"> - 1 output contact 3A(AC1) / 2A(AC15) with potential 230V ac. - 1 System module. - To be combined with System RF command devices. - Manual activation, using the button on the front of the actuator or the line entry, for reading a potential-free contact (e.g. push-buttons, conventional one-way switches). - Possible actuations: Monostable, Bistable and Timed. - 230V ac power supply.
 GW 20 981	 GW 21 981	Output RF modules for general loads	<ul style="list-style-type: none"> - 1 potential-free output contact 16A(AC1) / 10A(AC15). - 2 System modules. - To be combined with System RF command devices. - Manual activation using the button on the front of the actuator, or the line entry, for reading a potential-free contact (e.g. push-buttons, conventional one-way switches). - Possible actuations: Monostable, Bistable and Timed. - 230V ac power supply.
 GW 20 982	 GW 21 982	Output RF modules for roller shutters controls	<ul style="list-style-type: none"> - 2 output contacts 8A(AC1) / 3A(AC15) with potential 230V ac. - 2 System modules. - To be combined with System RF command devices for moving roller shutters, awnings, etc. - Manual activation, using the three button keys (UP, DOWN, AUTO) on the front of the actuator, or the line entry, for reading a potential-free contact (e.g. push-buttons, conventional one-way switches). - Possible actuations: UP, DOWN, Stop. - 230V ac power supply.









ACCESSORIES			
		DESCRIPTION	CHARACTERISTICS
 GW 20 985	 GW 21 985	RF signal repeater with output contact	<ul style="list-style-type: none"> - 1 potential-free output contact 16A(AC1) / 10A(AC15). - 2 System modules. - Device to be used when the coverage area is insufficient. - The device repeats up to 16 different RF channels. - 230V ac power supply.

INTERFACES			
		DESCRIPTION	CHARACTERISTICS
 GW 90 822		GSM remote control - RF command/control interface. DIN rail mounting	<ul style="list-style-type: none"> - 5 RF transmission channels, used for communication with RF actuators. - 2 RF reception channels, used for communication with RF command devices. - 1 RF two-way channel, used for communication with the RF two-way timed thermostats. - To be used exclusively in combination with the GW 90 821 remote control.

SYSTEM RF RANGE

RF BURGLAR ALARM

		CODE	DESCRIPTION	CHARACTERISTICS
KIT		GW 20 497	Standard RF burglar alarm kit	1 control unit GW 20 470 1 remote control GW 20 472 2 movement detectors GW 20 477
		GW 20 470	Control unit for 16 sensors	Button keys for programming and command, control LED and built-in indoor siren
CONTROL UNITS		GW 20 481	Control unit for 48 sensors, with built-in telephone dialler	Programming keyboard, LCD display for control and indoor built-in siren
		GW 20 472	Remote control with 4 button keys	Activation, deactivation, partialisation and anti-panic
ACTIVATION DEVICES		GW 20 473	Keyboard	Activation, deactivation, partialisation and anti-panic. Built-in transponder for activation with electronic proximity key
		GW 20 474	Electronic proximity key	Used with the keyboard, it avoids the need to key in the code
		GW 20 490	External siren	System on-off check from the outside with flashing of the orange optical compartment.
SYSTEM DEVICES		GW 20 480	Signal repeater	To be combined with the control unit to increase the coverage of the system
		GW 20 475	System status display module	System status display on/off

		CODE	DESCRIPTION	CHARACTERISTICS
DETECTORS		GW 20 477	Adjustable infrared volumetric presence detector	Adjustable, 15m range, 81°opening
		GW 20 478	External detector	With magnetic contact for doors and windows
		GW 20 483	Optical smoke detector	Ceiling installation
		GW 20 479	External detector	For conventional line contacts
ACCESSORIES		GW 20 493	Cable contact for roller shutters and rolling gates	Connect with cable to the external detector for conventional line contacts GW 20 479
		GW 20 494	Plastic magnetic surface contact	Connect with cable to the external detector for conventional line contacts GW 20 479
		GW 20 495	Metal magnetic surface contact	Connect with cable to the external detector for conventional line contacts GW 20 479
		GW 20 499	Lead for connecting PC control unit	Optional connection cable from the control unit GW 20 470 and GW 20 481 with the serial port of a PC for storing the system diagram and modifying the operating parameters

SYSTEM RF RANGE

COMMAND AND CONTROL

COMMAND DEVICES

GW20993



RF PUSH-BUTTON PANELS - WALL-MOUNTING INSTALLATION - COMPLETE WITH TOP SYSTEM PLATE

Code	No. of channels	N. command push-buttons	RF range in free field	Colour Plate	Colour push-buttons	Dimensions LxHxD (mm)	Pack Carton
GW 20 991	1	1	100 m	Cloud white	White	116x80x20	1
GW 21 991	1	1	100 m	Metallic titanium	Black	116x80x20	1
GW 20 992	2	2	100 m	Cloud white	White	116x80x20	1
GW 21 992	2	2	100 m	Metallic titanium	Black	116x80x20	1
GW 20 993	3	3	100 m	Cloud white	White	116x80x20	1
GW 21 993	3	3	100 m	Metallic titanium	Black	116x80x20	1
GW 20 994	4	4	100 m	Cloud white	White	140x80x20	1
GW 21 994	4	4	100 m	Metallic titanium	Black	140x80x20	1

CHARACTERISTICS: use the TOP SYSTEM plates: cloud white or metallised titanium, depending on the colour; interchangeable with the entire colour range of the TOP SYSTEM plates.

Powered with two 1.5V AAA-type alkaline batteries, not supplied (min battery life: 2 years).

two distinct command positions correspond to each button key.

ACCESSORIES SUPPLIED: kit for wall-mounting, containing: 2 strips of double-sided adhesive, 2 wall plugs (diam. 6mm) including screws, 1 insulating film (to be positioned in the battery compartment when using Soft Chrome and Antique Gold plates).

GW20893



RF PUSH-BUTTON PANELS - WALL-MOUNTING INSTALLATION - COMPLETE WITH VIRNA PLATE

Code	No. of channels	N. command push-buttons	RF range in free field	Colour Plate	Colour push-buttons	Dimensions LxHxD (mm)	Pack Carton
GW 20 891	1	1	100 m	Cloud white	White	116x80x20	1
GW 21 891	1	1	100 m	Metallic titanium	Black	116x80x20	1
GW 20 892	2	2	100 m	Cloud white	White	116x80x20	1
GW 21 892	2	2	100 m	Metallic titanium	Black	116x80x20	1
GW 20 893	3	3	100 m	Cloud white	White	116x80x20	1
GW 21 893	3	3	100 m	Metallic titanium	Black	116x80x20	1
GW 20 894	4	4	100 m	Cloud white	White	140x80x20	1
GW 21 894	4	4	100 m	Metallic titanium	Black	140x80x20	1

CHARACTERISTICS: use the VIRNA plates: cloud white or metallised titanium, depending on the colour;

Interchangeable with the entire colour range of the VIRNA plates.

Powered with two 1.5V AAA-type alkaline batteries, not supplied (min battery life: 2 years).

two distinct command positions correspond to each button key.

ACCESSORIES SUPPLIED: kit for wall-mounting, containing: 2 strips of double-sided adhesive, 2 wall plugs (diam. 6mm) including screws, 1 insulating film (to be positioned in the battery compartment when using Soft Chrome and Antique Gold plates).

GW20966



RF 2-CHANNEL INPUT

Code	N. input channels	Power supply	RF range in free field	Colour	No. System modules	Pack Carton
GW 20 966	2	230V ac	100 m	White	1	1
GW 21 966	2	230V ac	100 m	Black	1	1

CHARACTERISTICS: input channels for potential-free contacts.

Component to be inserted into System range supports.

ACCESSORIES SUPPLIED: input with leads 200 mm 0.75 mm² for connecting conventional control devices.

GW20963



RF REMOTE CONTROL

Code	No. of channels	N. command push-buttons	RF range in free field	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 963	3	6	100 m	Black	120x45x20	1

CHARACTERISTICS: powered by two 1.5V AAA alkaline batteries, not included. Minimum battery life: 3 years.

For each channel, two command keys are available. Two distinct command positions correspond to each button key.

ACCESSORIES SUPPLIED: support for wall-mounting.

SENSORS

GW20990



RF IR MOVEMENT DETECTORS WITH TWILIGHT SENSOR WALL-MOUNTING - COMPLETE WITH TOP SYSTEM PLATE

Code	Range of action	Twilight threshold adjust.	IP degree	RF range in free field	Signalling LED	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 990	8 m	5 - 1000 lux	IP20	100 m	Green	White	116x80x20	1
GW 21 990	8 m	5 - 1000 lux	IP20	100 m	Green	Black	116x80x20	1

CHARACTERISTICS: use the TOP SYSTEM plates: cloud white or metallised titanium, depending on the colour; interchangeable with the entire colour range of the TOP SYSTEM plates.

Powered with three 1.5V AAA-type alkaline batteries, not supplied (min battery life: 3 years).

To use with the actuators GW20980 - GW21980 - GW20981 - GW21981.

ACCESSORIES SUPPLIED: 3 dip-switches to select 3 different working modes (IR, light-sensitive and IR+light-sensitive).

Kit for wall-mounting, containing: 2 strips of double-sided adhesive, 2 wall plugs (diam. 6mm) including screws, 1 insulating film (to be positioned in the battery compartment when using Soft Chrome and Antique Gold plates).

GW20890



RF IR MOVEMENT DETECTORS WITH TWILIGHT SENSOR - WALL-MOUNTING - COMPLETE WITH VIRNA PLATE

Code	Range of action	Twilight threshold adjust.	IP degree	RF range in free field	Signalling LED	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 890	8 m	5 - 1000 lux	IP20	100 m	Green	White	116x80x20	1
GW 21 890	8 m	5 - 1000 lux	IP20	100 m	Green	Black	116x80x20	1

CHARACTERISTICS: use the VIRNA plates: cloud white or metallised titanium, depending on the colour; interchangeable with the entire colour range of the VIRNA plates.

Powered with three 1.5V AAA-type alkaline batteries, not supplied (min battery life: 3 years).

To use with the actuators GW20980 - GW21980 - GW20981 - GW21981.

ACCESSORIES SUPPLIED: 3 dip-switches to select 3 different working modes (IR, light-sensitive and IR+light-sensitive).

Kit for wall-mounting, containing: 2 strips of double-sided adhesive, 2 wall plugs (diam. 6mm) including screws, 1 insulating film (to be positioned in the battery compartment when using Soft Chrome and Antique Gold plates).

TEMPERATURE ADJUSTMENT

GW10841



RF TIMED THERMOSTAT - WALL-MOUNTING - BATTERY-POWERED

Code	Temperature adjustment	Colour	RF range in free field	Dimensions LxHxD (mm)	Pack Carton
GW 10 841	From +5°C to +40°C	White	100 m	130x92x23 mm	1
GW 14 841	From +5°C to +40°C	Titanium	100 m	130x92x23 mm	1

CHARACTERISTICS: powered by three 1.5V AAA alkaline batteries, not included. Average battery duration: 1 year.

To be used with the 1-channel, 3A and 16A wireless actuators.

Includes a serial line for connection with a GSM GW90821 repeater, via which (with text messages) you can set the function (heating/air-conditioning) and the mode (automatic/manual/OFF). It is also possible to receive (via text messages and on the pre-set telephone number) the current room temperature measured, the current SET POINT temperature, and the functions and modes currently activated.

NOTES: includes wall-mounting kit, containing: two strips of double-sided adhesive tape, two ø 6mm wall plugs with screws.

GW10851



RF TWO-WAY TIMED THERMOSTAT - WALL-MOUNTING - BATTERY-POWERED

Code	Temperature adjustment	Colour	RF range in free field	Dimensions LxHxD (mm)	Pack Carton
GW 10 851	From +5°C to +40°C	White	100 m	130x92x23 mm	1
GW 14 851	From +5°C to +40°C	Titanium	100 m	130x92x23 mm	1

CHARACTERISTICS: powered with 3 alkaline 1.5V batteries, type AAA, not included. Average battery life: 1 year.

To be combined with the 1-channel 3A and 16A wireless actuators. The two-way connection is used for communication with the GSM remote control interface GW90822 which, combined with the GSM remote control GW90821,

allows you to set (via SMS) the type of working (heating/conditioning) and the mode (automatic/manual/OFF).

It is also possible to receive, again via SMS (at the predefined phone number) the current room temperature measured, the current SET POINT temperature and mode, and the activated working modes.

NOTES: includes kit for wall mounting, containing: 2 strips of double-sided adhesive tape, 2 wall plugs ø 6mm including screws.

OUTPUT MODULES FOR GENERAL LOADS AND ROLLER SHUTTER COMMAND

GW20980



RF ACTUATORS - POWER SUPPLY 230V AC							
Code	N. output channels	Output contacts	Type of contacts	RF range in free field	Colour	No. System modules	Pack Carton
APPLICATION: GENERAL LOADS							
GW 20 980	1	3A(AC1)/2A(AC15) 250V ac	Con potenziale 230V ac	100 m	White	1	1
GW 21 980	1	3A(AC1)/2A(AC15) 250V ac	Con potenziale 230V ac	100 m	Black	1	1
GW 20 981	1	16A(AC1)/4A(AC15) 250V ac	Potential-free	100 m	White	2	1
GW 21 981	1	16A(AC1)/4A(AC15) 250V ac	Potential-free	100 m	Black	2	1
APPLICATION: ROLLER SHUTTER COMMAND							
GW 20 982	1	8A(AC1)/2A(AC15) 250V ac	Con potenziale 230V ac	100 m	White	2	1
GW 21 982	1	8A(AC1)/2A(AC15) 250V ac	Con potenziale 230V ac	100 m	Black	2	1

CHARACTERISTICS: component to be inserted in the supports of the System range, combined with the RF control devices of the same range. Integrated command button key.

ACCESSORIES SUPPLIED: input furnished with cable L=200mm x 0.75mm² to connect contacts of conventional devices, so as to have the local command of the outputs.

ACCESSORIES

GW20985



RF SIGNAL REPEATERS						
Code	Supply voltage	No. transmission channels	Rx/Tx cap. in free field	Output contacts	No. System modules	Pack Carton
COLOUR: WHITE						
GW 20 985	230V ac - 50Hz	16	100+30 m	16A(AC1)/10A(AC15) 250V ac	2	1
COLOUR: BLACK						
GW 21 985	230V ac - 50Hz	16	100+30 m	16A(AC1)/10A(AC15) 250V ac	2	1

CHARACTERISTICS: component to be inserted in the supports of the System range. Can be used with all the devices of the range.

NOTES: the repeaters have a potential-free output contact to command general loads.

INTERFACE

GW90822



GSM REMOTE CONTROL/RF COMMAND AND CONTROL INTERFACE - DIN RAIL MOUNTING						
Code	RF range in free field	No. RF transm. channels	No. RF reception channels	No. two-way channels	No. DIN modules	Pack Carton
GW 90 822	100 m	5	2	1	1	1

CHARACTERISTICS: the information channels can be used for sending communications to the RF actuators GW20980, GW21980, GW20981, GW21981, GW20982, GW21982. The receiving channels can be used for accepting communications from: GW20966 and GW21966 2-channel input modules, RF push-button panels from 1 to 4 channels, GW20890, GW21890, GW20990 and GW21990 IR sensors, and GW20963 remote control. The 2-way channel can only be used in combination with the GW10851 and GW14851 RF 2-way timed thermostats.

NOTES: this product must only be used in combination with the GW90821 remote control, from which it receives the power supply via a row connection (flat-cable).

RF BURGLAR ALARM SYSTEM

BASIC KIT



STANDARD RF BURGLAR ALARM KIT

Code	Description	Pack Carton
GW 20 497	RF burglar alarm base kit	1

KIT COMPOSITION: 1 command unit control GW20470; 1 remote control GW20472; 2 volumetric presence detectors GW20477.

CHARACTERISTICS: the kit allows you to create a basic radio burglar alarm system that can be extended and integrated using the devices of the Burglar Alarm System range.

NOTES: all the devices in the kit are supplied with batteries.

COMMAND UNITS



COMMAND UNIT

Code	Power supply	RF range in free field	Max no. devices	Max no. sensors	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 470	230V ac - 50 Hz	100 m	8	16	White	245x205x57	1

CHARACTERISTICS: 3 button keys for programming and command, control LED, mechanical key for emergencies and indoor siren.

Max number devices: 8, including remote controls, keyboards and proximity key.

NOTES: 1 lead battery 6V - 1.2 Ah included.



COMMAND UNIT WITH INTEGRATED TELEPHONE DIALLER

Code	Power supply	RF range in free field	Max no. devices	Max no. sensors	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 481	230V ac - 50Hz	100 m	16	48	White	245x205x57	1

CHARACTERISTICS: with keyboard for programming and command, LCD display and integrated siren.

Integrated telephone dialler with possibility to store 8 telephone numbers. Max number devices: 16, including remote controls, keyboards and proximity key.

NOTES: 1 lead battery 6V - 1.2 Ah included.

ACTIVATION DEVICES



REMOTE CONTROL

Code	RF range in free field	No. keys	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 472	100 m	4	Black	35x68x15	1/2

CHARACTERISTICS: allows you to manage the following functions: activation, deactivation, slicing and anti-panic.

NOTES: one 12V MN21-type alkaline battery included.



KEYBOARD

Code	RF range in free field	Functions	Working temperature	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 473	100 m	Activation, partialization	From +5°C to +40°C	White	166x136x33	1

CHARACTERISTICS: incorporated transponder for activation with electronic proximity key GW20474.

NOTES: one 9V 6LR61-type alkaline battery included.



ELECTRONIC PROXIMITY KEY

Code	Description	Pack Carton
GW 20 474	Proximity key	1/10

CHARACTERISTICS: to be used in combination with the coded keyboard GW20473, prevents having to enter the access code.

SYSTEM DEVICES



SYSTEM STATUS DISPLAY MODULE

Code	Power supply	RF range in free field	Current consumption	Signalling LED	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 475	12/24V ac/dc	100 m	12 - 47 mA	Activated/deactivated	White	47x100x30	1



SIGNAL REPEATER

Code	RF range in free field	Cable conn. to central unit	Max dist. from central unit	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 480	100 m	2x0.75 + 4x0.22 mm ²	100 m	White	47x270x30	1

NOTES: to be used together with the unit control GW20470 and GW20481 (from which it takes the power supply to work) to boost the system cover.

GW20490



SIREN FOR EXTERIORS

Code	RF range in free field	Loudness	Working temperature	IP degree	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 490	100 m	94 dB (at 3 m)	From -25°C to +55°C	IP34	White	253x290x85	1

ACCESSORIES SUPPLIED: n. 1 lithium battery - 7,2 V - 13 Ah type LSH20.

DETECTORS

GW20477



ADJUSTABLE INFRARED VOLUMETRIC MOVEMENT DETECTOR

Code	RF range in free field	Range of action	Working temperature	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 477	100 m	15 m	From -10°C to +45°C	White	64x110x48	1

ACCESSORIES SUPPLIED: n. 1 alkaline battery - 9 V type 6LR61. Directional mounting bracket.

GW20478



EXTERNAL DETECTOR WITH MAGNETIC CONTACT FOR DOORS AND WINDOWS

Code	RF range in free field	No. of contacts	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 478	100 m	1	White	40x77x26	1

ACCESSORIES SUPPLIED: n. 3 lithium batteries - 3 V - Type DL2430.

GW20479



DETECTOR FOR CONVENTIONAL LINE CONTACTS

Code	RF range in free field	No. of contacts	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 479	100 m	2	White	47x100x30	1

ACCESSORIES SUPPLIED: n. 1 alkaline battery - 9 V type 6LR61. Conventional connectable contacts GW20493, GW20494, GW20495.

GW20483



SMOKE DETECTOR

Code	RF range in free field	Installation	Colour	Dimensions LxHxD (mm)	Pack Carton
GW 20 483	100 m	Ceiling-mounting	White	176x125x75	1

ACCESSORIES SUPPLIED: n. 3 alkaline battery - 9 V type 6LR61.

ACCESSORIES

GW20493



ROPE CONTACT FOR ROLLER SHUTTERS

Code	Description	Colour	Pack Carton
GW 20 493	Rolling electromechanical contact	White	1/2

To be used in combination with the detector for conventional line contacts GW20479 or similar.

GW20494



MAGNETIC CONTACT

Code	Description	Material	Installation	Colour	Pack Carton
GW 20 494	Magnetic contact	Plastic	Wall	White	1/10
GW 20 495	Magnetic contact	Metal	Wall	Aluminium	1/5

NOTES: driving magnet with installation support included. In combination with the GW20479 to be connected in line.

GW20499



CABLE FOR CONNECTING PC TO COMMAND UNIT

Code	Length (m)	Connectors	Pack Carton
GW 20 499	2	MINI DIN 8 Pin RS 232 9 Pin	1

CHARACTERISTICS: cable for optional connection of the unit control GW20470 and GW20481 with the serial port of a PC, for storage of system layout and modifications to functional parameters.

27 COMBI range

Wall-mounting enclosures and modular components

System of wall-mounting modular enclosures for the SYSTEM range.

- IP40 protected enclosures with up to 16 positions and IP55 watertight enclosures with up to 12 positions.
- IP40 versions may be integrated with mini trunking and trunking.
- IP55 versions for outdoor applications.
- Possibility of internal circuit separation by means of special functional dividers.

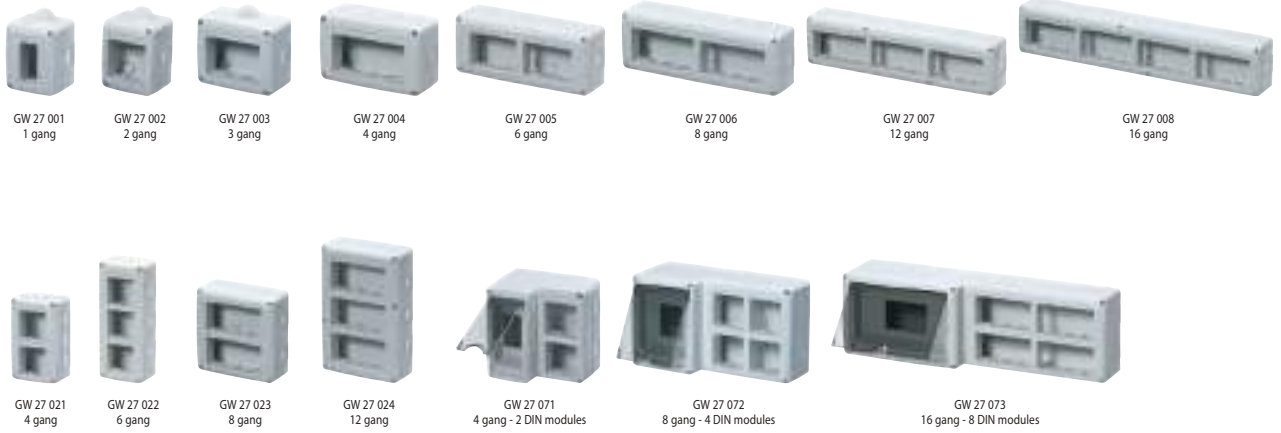


27 COMBI RANGE

WALL-MOUNTING ENCLOSURES AND MODULAR COMPONENTS

WALL-MOUNTING ENCLOSURES

IP 40



ENCLOSURES FOR MINI-TRUNKING USED AS SKIRTING AND FRAMING

IP 40



ENCLOSURES COMPLETE WITH DEVICES

IP 40



COMPLETE DEVICES

IP 40



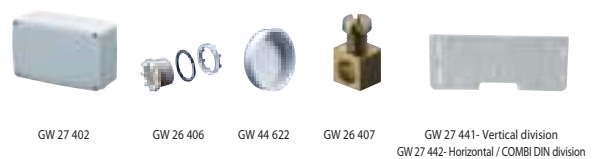
COMPLETE DEVICES

IP 44



COMPLEMENTARY ITEMS

ACCESSORIES



WALL MOUNTING ENCLOSERS

IP 55



GW 27 041
1 gang



GW 27 042
2 gang



GW 27 043
3 gang



GW 27 044
4 gang



GW 27 051
8 gang



GW 27 052
12 gang



GW 27 056
3 gang post head



GW 27 057
3 gang post bracket

WATERTIGHT COVER

IP 55



GW 27 401
85x75 mm - IP 55
2 gang
Colour Gray RAL 7035

For applications on
Q-DIN, PTC boxes,
66 Range flanged lids,
Q-BOX

TOP WATERTIGHT PLATES

IP 55



GW 22 451 - 3 gang
GW 22 461 - 4 gang
Colour Cloud White



GW 22 452 - 3 gang
GW 22 462 - 4 gang
Colour Toner Black



GW 22 453 - 3 gang
GW 22 463 - 4 gang
Colour Grey RAL 7035

ENCLOSURES COMPLETE WITH DEVICES

IP 55



GW 27 831 One-way switch 1P - 16AX
GW 27 832 One-way switch 2P - 16AX
GW 27 833 Two way switch 1P - 16AX
GW 27 834 Two way switch + Two way switch 1P - 16AX
GW 27 835 Push button 1P - NO - 10A



GW 27 841 Italian standard socket-outlet 2P+E - 10/16A
GW 27 842 Italian/German standard socket-outlet 2P+E - 10/16A
GW 27 843 British standard socket-outlet 2P+E - 13A
GW 27 844 German standard socket-outlet 2P+E - 16A
GW 27 845 French standard socket-outlet 2P+E - 16A



GW 27 836 Push-button 1P - NO with
illuminable name plate*

*Supplied without lamp.
It uses S6x36 - 12/24V cartridge lamps.

COMBI ENCLOSURES COMPLETE WITH DEVICES

IP 55



- GW 27 415
- GW 27 416
- GW 27 417
- GW 27 418
- GW 27 419

Indicator lamps
IP 55 - 230V ac
E14* lampholder
(max.15W)
*Supplied without lamp.



- GW 27 421 - 24V ac
- GW 27 422 - 230V ac
- GW 27 423 - 24V ac
- GW 27 424 - 230V ac

Flashlights
IP 55
E14* lampholder
(max.25W)
* Supplied without lamp.



Twilight sensor
IP 55 - 230V ac
GW 26 419

IP 54



IR movement detector
IP 54 - 230V ac
GW 27 431

SHAVER SOCKET-OUTLETS

FLUSH-MOUNTING



GW 27 861 With base
GW 27 866 Without base

Selective
230-115V ac
RAL 1013



GW 27 862 RAL 1013 With base
GW 27 865 RAL 1013 Without base
GW 27 863 RAL 9010 With base

Non-selective
230V ac

WALL-MOUNTING



GW 27 864 With base

Non-selective
230V ac
RAL 1013

ACCESSORIES



GW 27 867 Flush-mounting box
GW 27 868 Wall-mounting box, white

27 COMBI RANGE

27 COMBI RANGE

WALL-MOUNTING ENCLOSURES AND MODULAR COMPONENTS

COMBI SYSTEM 40

PROTECTED ENCLOSURES FOR SYSTEM DEVICES

GW27001



PROTECTED EMPTY CONTAINERS FOR FIXED OR MOBILE APPLICATIONS - GREY RAL 7035 - IP40 STANDARD CONFIGURATIONS

Code	Description	N.holesØ23 with cable gland	No. knockout holes Ø 23	Outer dim. LxHxD (mm)	Pack Carton
GW 27 001	1 gang	1	3	66 x 82 x 55	5/80
GW 27 002	2 gang	1	3	66 x 82 x 55	5/80
GW 27 003	3 gang	1	3	99 x 82 x 55	3/60
GW 27 004	4 gang		8	132 x 82 x 55	2/40

GW27005



PROTECTED EMPTY CONTAINERS FOR FIXED OR MOBILE APPLICATIONS - GREY RAL 7035 - IP40 HORIZONTAL MULTIPLE CONFIGURATIONS

Code	Description	Configuration	Compartment pre-arr.	No. knockout holes Ø 23	Outer dim. LxHxD (mm)	Pack Carton
GW 27 005	6 gang	Module 3 x 2	2	8	198 x 82 x 55	1/30
GW 27 006	8 gang	Module 4 x 2	2	10	231 x 82 x 55	1/20
GW 27 007	12 gang	Module 4 x 3	3	16	330 x 82 x 55	1/20
GW 27 008	16 gang	Module 4 x 4	4	18	429 x 82 x 55	1/20

Compartments can be obtained using the special functional dividers.

GW27021



PROTECTED EMPTY CONTAINERS FOR FIXED OR MOBILE APPLICATIONS - GREY RAL 7035 - IP40 VERTICAL MULTIPLE CONFIGURATIONS

Code	Description	Configuration	Compartment pre-arr.	No. knockout holes Ø 23	Outer dim. LxHxD (mm)	Pack Carton
GW 27 021	4 gang	Module 2 x 2	1	8	82 x 132 x 55	2/40
GW 27 022	6 gang	Module 2 x 3	3	8	82 x 198 x 55	1/30
GW 27 023	8 gang	Module 4 x 2	2	10	132 x 132 x 55	1/20
GW 27 024	12 gang	Module 4 x 3	3	12	132 x 198 x 55	1/20

CHARACTERISTICS: fitted for division into compartments (excluding GW27021).

Fitted for customizing via self-adhesive labels h = 6mm and for the fixing of the earth terminal GW26407.

Fitted with knockout holes on base. Full insulation can be obtained by using the screwcaps GW44622.

ACCESSORIES SUPPLIED: cable gland for conduits of max. 20mm diameter.

SELF-SUPPORTING BOXES FOR SYSTEM DEVICES

GW27603



SELF-SUPPORTING DEVICE-HOLDER BOXES FOR MINI-TRUNKING FOR CABLES SINGLE AND TWIN-TRUNKING

Code	No. gangs	Pack Carton
COLOUR: WHITE RAL 9010		
GW 27 603	1	10
GW 27 609	2	10

GW27615



SELF-SUPPORTING DEVICE-HOLDER BOXES FOR MINI-TRUNKING AND TRUNKING USED AS SKIRTING AND FRAMING

Code	No. gangs	Compartment pre-arr.	Pack Carton
COLOUR: WHITE RAL 9010			
GW 27 615	3	2	10
GW 27 621	4	2	10
GW 27 627	8	2	5
COLOUR: ANTHRACITE RAL 7021			
GW 27 616	3	2	10
GW 27 622	4	2	10
GW 27 628	8	2	5

CHARACTERISTICS: GW27627 and GW27628 pre-arranged for division into compartments

①=June 2010

COMBI SYSTEM 55

WATERTIGHT ENCLOSURES FOR SYSTEM DEVICES

GW27041



UNWIRED WATERTIGHT ENCLOSURES FOR FIXED OR MOVABLE APPLICATIONS - GREY RAL 7035 - IP55 STANDARD LAYOUT

Code	Description	N.holes Ø23 with cable gland	No. knockout holes Ø 23	Outer dim. LxHxD (mm)	Pack Carton
GW 27 041	1 gang	1	3	66 x 82 x 65	5/60
GW 27 042	2 gang	1	3	66 x 82 x 65	5/60
GW 27 043	3 gang	1	3	99 x 82 x 65	2/40
GW 27 044	4 gang		8	132 x 82 x 65	3/30

GW27051



WATERTIGHT EMPTY CONTAINERS FOR FIXED OR MOBILE APPLICATIONS - GREY RAL 7035 - IP55 VERTICAL MULTIPLE CONFIGURATIONS

Code	Description	Configuration	Compartment pre-arr.	No. knockout holes Ø 23	Outer dim. LxHxD (mm)	Pack Carton
GW 27 051	8 gang	Module 4 x 2	2	10	132 x 171 x 65	1/20
GW 27 052	12 gang	Module 4 x 3	3	12	132 x 258 x 65	1/15

CHARACTERISTICS: fitted for division into compartments. Fitted for customizing via self-adhesive labels h = 6mm.

Fitted for the fixing of the earth terminal GW26407. Fitted with knockout holes also on base.

ACCESSORIES SUPPLIED: cable gland for conduits of max. 20mm external diameter.

GW27056



WATERTIGHT GARDEN ENCLOSURES FOR APPLICATION ON POLE - GREY RAL 7035 - IP55

Code	Description	Fixing	For pole Ø	No. open holes	No. knockouts holes Ø20	Outer dim. LxHxD (mm)	Pack Carton
GW 27 056	3 gang	Post head	54 - 60 mm	1		122 x 149 x 85	1/12
GW 27 057	3 gang	Post bracket	54 - 76 mm	1	1	122 x 164 x 85	1/12

CHARACTERISTICS: fitted for customizing via self-adhesive labels h = 6mm.

GW27057, complete with 2 holes for screw fixing and 2 slots for fixing with thermoplastic or metal cable ties up to 13mm in height.

Full insulation can be obtained by using the screwcaps GW44622.

ACCESSORIES SUPPLIED: cable gland PG 13.5.

27 COMBI RANGE

WALL-MOUNTING ENCLOSURES AND MODULAR COMPONENTS

COMPLETE COMBI SYSTEM ENCLOSURES AND DEVICES

PROTECTED ENCLOSURES COMPLETE WITH SYSTEM DEVICES

GW27801



PROTECTED ENCLOSURES COMPLETE WITH SYSTEM DEVICES COLOUR GREY RAL 7035 - IP40 - 250V AC

Code	Description	Characteristics	Outer dim. LxHxD (mm)	Pack Carton
GW 27 801	One-way switch 1P - 16AX		66 x 82 x 55	5/60
GW 27 802	One-way switch 2P - 16AX		66 x 82 x 55	5/60
GW 27 803	Two-way switch 1P - 16AX		66 x 82 x 55	5/60
GW 27 804	2 x Two-way switch 1P - 16AX		66 x 82 x 55	5/60
GW 27 805	Push-button 1P NO 10A		66 x 82 x 55	5/60
GW 27 811	S.-outlet 2P+E - 16A Dual amp	Italian standard	66 x 82 x 55	5/80
GW 27 812	S.-outlet 2P+E - 16A Dual amp	Italian/German standard	66 x 82 x 55	5/80
GW 27 814	Socket-outlet 2P+E - 16A	German standard	66 x 82 x 55	5/80
GW 27 813	Socket-outlet 2P+E - 13A	British Standard	66 x 82 x 55	5/80
GW 27 815	Socket-outlet 2P+E - 16A	French standard	66 x 82 x 55	5/80

The international standard socket-outlets are destined for exportation.

CHARACTERISTICS: fitted for customizing via self-adhesive labels h = 6mm.

Full insulation can be obtained by using the screwcaps GW44622.

ACCESSORIES SUPPLIED: cable gland for conduits of max. 20mm external diameter.

WATERTIGHT ENCLOSURES COMPLETE WITH SYSTEM DEVICES

GW27832



WATERTIGHT ENCLOSURES COMPLETE WITH SYSTEM DEVICES GREY RAL 7035 - IP55 - 250V AC

Code	Description	Characteristics	Outer dim. LxHxD (mm)	Pack Carton
GW 27 831	One-way switch 1P - 16AX		66 x 82 x 65	5/60
GW 27 832	One-way switch 2P - 16AX		66 x 82 x 65	5/60
GW 27 833	Two-way switch 1P - 16AX		66 x 82 x 65	5/60
GW 27 834	2 x Two-way switch 1P - 16AX		66 x 82 x 65	5/60
GW 27 835	Push-button 1P NO 10A		66 x 82 x 65	5/60
GW 27 836	Push-button 1P NO 10A	Illuminable name plate	99 x 82 x 65	2/40
GW 27 841	S.-outlet 2P+E - 16A Dual amp	Italian standard	66 x 82 x 65	5/60
GW 27 842	S.-outlet 2P+E - 16A Dual amp	Italian/German standard	66 x 82 x 65	5/60
GW 27 844	Socket-outlet 2P+E - 16A	German standard	66 x 82 x 65	5/60
GW 27 843	Socket-outlet 2P+E - 13A	British Standard	66 x 82 x 65	5/60
GW 27 845	Socket-outlet 2P+E - 16A	French standard	66 x 82 x 65	5/60

The international standard socket-outlets are destined for exportation.

CHARACTERISTICS: fitted for customizing via self-adhesive labels h = 6mm. GW27836, supplied without lamp.

Use cartridge lamps S6x36 - 12/24V. Full insulation obtainable by using the screw-cover caps GW44622; IP55 with door closed.

ACCESSORIES SUPPLIED: cable gland for conduits of max. 20mm external diameter.

27 COMBI RANGE

①=June 2010

COMPLETE DEVICES

GW26222



WALL-MOUNTING INDUSTRIAL SOCKET-OUTLETS TO IEC 309 STANDARD - COLOUR GREY RAL 7035 - IP44

Code	Rated current (A)	No. of poles	Rated voltage	Reference h	Outer dim. LxHxD (mm)	Pack Carton
GW 26 222	16	2P+E	230V ac	6	64 x 80 x 97	5/40
GW 26 223	16	3P+E	400V ac	6	64 x 80 x 97	5/40

Rated voltage with alternated current.

CHARACTERISTICS: fitted for the fixing of the earth terminal GW26407.

ACCESSORIES SUPPLIED: 1 cable gland Ø 23mm.

GW27415



INDICATOR LAMPS- MAX 15W - GREY RAL 7035 - IP55

Code	Diffuser colour	Rated voltage	Lampholder type	Outer dim. LxHxD (mm)	Pack Carton
GW 27 415	Red	230V ac	E14	66 x 82 x 95	5/40
GW 27 416	Green	230V ac	E14	66 x 82 x 95	5/40
GW 27 417	Yellow	230V ac	E14	66 x 82 x 95	5/40
GW 27 418	Transparent	230V ac	E14	66 x 82 x 95	5/40
GW 27 419	Blue	230V ac	E14	66 x 82 x 95	5/40

Rated voltage with alternated current. Supplied without lamp.

CHARACTERISTICS: fitted for the fixing of the earth terminal GW26407.

ACCESSORIES SUPPLIED: 1 cable gland Ø 23mm.

GW27424



ELECTRONIC FLASHLIGHTS- MAX 25W - GREY RAL 7035 - IP55 -

Code	Diffuser colour	Rated voltage	Flash frequency	Lampholder type	Outer dim. LxHxD (mm)	Pack Carton
GW 27 421	Red	24V ac	1 Hz	E14	66 x 82 x 95	1/12
GW 27 422	Red	230V ac	1 Hz	E14	66 x 82 x 95	1/12
GW 27 423	Yellow	24V ac	1 Hz	E14	66 x 82 x 95	1/12
GW 27 424	Yellow	230V ac	1 Hz	E14	66 x 82 x 95	1/12

Supplied without lamp.

CHARACTERISTICS: fitted for the fixing of the earth terminal GW26407.

ACCESSORIES SUPPLIED: 1 cable gland Ø 23mm.

GW26417



BUZZERS FOR SIGNALLING - IP40

Code	Rated voltage	Loudness	Frequency impulses of sound	Outer dim. LxHxD (mm)	Pack Carton
GW 26 417	24V ac	70 dB (at 1 m)	1 Hz	64 x 80 x 59	1/12
GW 26 427	230V ac	70 dB (at 1 m)	1 Hz	64 x 80 x 59	1/12

CHARACTERISTICS: fitted for the fixing of the earth terminal GW26407, GW26417 consumption 60mA.

ACCESSORIES SUPPLIED: 1 cable gland Ø 23mm.

GW27431



INFRARED ADJUSTABLE MOVEMENT DETECTOR WITH TWILIGHT SENSOR - GREY RAL 7035 - 230V - 50/60HZ - IP54

Code	Range of action	Duration adjustment	Twilight threshold adjust.	Relay output	Outer dim. LxHxD (mm)	Pack Carton
GW 27 431	14 m	5 -360 sec.	5 - 300 lux	1NO 4A(AC1) 250V ac	66x134x100	1/10

CHARACTERISTICS: pre-arranged for fixing the earth terminal GW26407. Horizontal cover range 160°; vertical cover range 50°.

ACCESSORIES SUPPLIED: 1 cable gland Ø 16mm.

GW26419



TWILIGHT SENSOR WITH RELAY OUTPUT - 230V - 50HZ - IP55

Code	Adjust. of twilight sensor	Output contacts	Outer dim. LxHxD (mm)	Pack Carton
GW 26 419	1-100 lux	1 NO 10A(AC1)/5A(AC15) 250V ac	64 x 80 x 59	1/12

Full insulation obtainable by using the screw-cover caps GW44622.

CHARACTERISTICS: fitted for the fixing of the earth terminal GW26407.

ACCESSORIES SUPPLIED: 1 cable gland Ø 23mm.

27 COMBI RANGE

WALL-MOUNTING ENCLOSURES AND MODULAR COMPONENTS

SPECIAL ENCLOSURES

COMBI-DIN - PROTECTED DIN-SYSTEM COMBINED ENCLOSURES

GW27071



PROTECTED CONTAINERS FOR COMBINED INSTALLATION OF DIN MODULAR DEVICES AND SYSTEM TRANSPARENT SMOKED DOOR - GREY RAL 7035 - IP40

Code	No. DIN modules	No. System modules	Configuration	Dispersible power(W)	No. knockout holes Ø 23	Outer dim. LxHxD (mm)	Pack Carton
GW 27 071	2	4	Module 2 x 2	13	10	132 x 132 x 95	1/8
GW 27 072	4	8	Module 2 x 4	15	12	231 x 132 x 95	1/6
GW 27 073	8	16	Module 4 x 4	18	18	429 x 132 x 95	1/4

CHARACTERISTICS: fitted for customizing via self-adhesive labels h = 6mm.

Fitted for the fixing of the earth terminal GW26407. GW27072 - GW27073 internal compartments, can be vertically separated using the special functional dividers. Full insulation obtainable by using the screw-cover caps GW44622.

ACCESSORIES SUPPLIED: cable gland for conduits of max. 20mm external diameter.

NOTES: dispersible power calculated according to CEI 23-49.

COMBI-IN - FLUSH-MOUNTING FLANGED COMPONENTS

GW27401



SYSTEM 2-GANG WEATHERPROOF COVER FOR APPLICATIONS ON Q-DIN DISTRIBUTION BOARDS, PTC JUNCTION BOXES, 66 AND Q-BOX RANGE FLANGED LIDS AND PANELS - COLOUR GREY RAL 7035 - IP55

Code	No. System modules	Dimensions LxH (mm)	Pack Carton
GW 27 401	2	85 x 75	3/60

ACCESSORIES SUPPLIED: 4 self-tapping screws. IP55 with door closed.

GW22451



SELF-SUPPORTING WATERTIGHT PLATES FOR INSTALLATION ON FLUSH-MOUNTING RECTANGULAR BOXES - IP55

Code	Description	Colour Plate	For flush mounting box	Pack Carton
GW 22 451	3 gang	Cloud white	GW24403 GW24207	30
GW 22 452	3 gang	Toner black	GW24403 GW24207	30
GW 22 453	3 gang	RAL 7035 grey	GW24403 GW24207	30
GW 22 461	4 gang	Cloud white	GW24404	30
GW 22 462	4 gang	Toner black	GW24404	30
GW 22 463	4 gang	RAL 7035 grey	GW24404	30

CHARACTERISTICS: ergonomic membrane with notches in UV-resistant material. Snap closing system. Opening made easy by wide key.

GW26420



INDUSTRIAL SOCKET-OUTLETS IN COMPLIANCE WITH IEC 309 - GREY RAL 7035 - IP44

Code	Rated current (A)	No. of poles	Rated voltage	Reference h	Outer dim. LxHxD (mm)	Pack Carton
GW 26 420	16	2P+E	230V ac	6	116 x 90 x 45	1/20
GW 26 421	16	3P+E	400V ac	6	116 x 90 x 45	1/20

COMBI 22 - ENCLOSURES FOR PUSH BUTTONS, CONTROLS AND INDICATORS Ø 22 MM

GW27101



UNWIRED ENCLOSURES FOR PUSH-BUTTONS, CONTROLS AND INDICATORS Ø 22 MM - GREY RAL 7035 - IP66

Code	No. gangs	Side entries	Top entries	Bottom entries	Outer dim. LxHxD (mm)	Pack Carton
GW 27 101	1	2 x Ø 23	1 x Ø 23	1 x Ø 23	66 x 82 x 65	5/60
GW 27 111	1	2 x Ø 23	1 x Ø 23	1 x Ø 23	66 x 82 x 65	5/60
GW 27 102	2	6 x Ø 23	1 x Ø 23	1 x Ø 23	132 x 82 x 65	2/30
GW 27 103	3	4 x Ø 23	1 x Ø 23	1 x Ø 23	66 x 171 x 65	1/20
GW 27 104	6	4 x Ø 23	3 x Ø 23	3 x Ø 23	132 x 171 x 65	1/10
GW 27 105	12	4 x Ø 23	3 x Ø 23	3 x Ø 23	264 x 171 x 65	1/10

CHARACTERISTICS: protection rating ensured with IP66 covers correctly installed. Seat of hole with pre-cutting that enables installing operators with any reference, GW27111 specific for the mounting of emergency push-buttons GW74061 - GW74062 - GW74063; yellow lid.

GW27203



ENCLOSURES COMPLETE WITH OPERATOR - GREY RAL 7035 - IP66

Code	No. gangs	Contacts	Operators Ø 22	Outer dim. LxHxD (mm)	Pack Carton
GW 27 201	1	1 NO	General (black)	66 x 82 x 65	1/30
GW 27 202	1	1 NO 1 NC	Emergency (red)	66 x 82 x 65	1/30
GW 27 203	2	1 NO 1 NC	Start (green) Stop (red)	132 x 82 x 65	1/10
GW 27 204	3	1 NO 1 NC	Start, stop, indicator	66 x 171 x 65	1/10

Maximum protrusion of operator from the enclosure: GW27201, GW20203, GW27204: 20mm. / GW27202: 25 mm.

CHARACTERISTICS: contact-holder flange with 3 seats. GW27202, yellow lid, mushroom-head button with retainer.

GW27204, direct supply, BA95 coupling included max. 380 V - 2 W, bulb not included. Complete insulation to IEC536 standards.

①=June 2010

COMPLEMENTARY ITEMS

COMPLEMENTARY ITEMS

GW27402



JUNCTION BOX FOR COMBINED ASSEMBLY OF MODULAR CONTAINERS - GREY RAL 7035 - IP55

Code	No. knockout holes Ø23	Lid screws (no. and type)	Outer dim. LxHxD (mm)	Pack Carton
GW 27 402	8 on sides / 1 on the bottom	4 - Stainless steel	132 x 82 x 55	2/60

Complete insulation can be achieved with the use of GW44622 screwcaps.

GW26406



WATERPROOF COUPLER FOR ENCLOSURES, DEVICES AND BOXES - IP55

Code	For holes mounting Ø (mm)	For mounting PG holes	Pack Carton
GW 26 406	23	16	25/250

GW27441



FUNCTIONAL DIVIDER IN INSULATING MATERIAL FOR SURFACE-MOUNTING MODULAR CONTAINERS

Code	For enclosures	Pack Carton
GW 27 441	GW27007 GW27008 GW27022 GW27005 GW27006	10/100
GW 27 442	GW27627 GW27628 GW27052 GW27072 GW27073 GW27023 GW27024 GW27051	10/100

APPLICATIONS: circuits with different voltages / Energy-signal division / Division of special circuits.

GW27443



FUNCTIONAL DIVIDERS IN METAL FOR MODULAR CONTAINERS FOR WALL-MOUNTING

Code	For enclosures	Pack Carton
GW 27 443	GW27024 GW27627 GW27628	10/100

GW44622



INSULATING SCREW CAP

Code	Description	Pack Carton
GW 44 622	Screwcap Ø16mm	10/100

APPLICATIONS: used to restore the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.

GW26407



BRASS TERMINAL FOR THROUGH-LINE EARTH CONDUCTOR

Code	Section (mm ²)	Fixing	Pack Carton
GW 26 407	4	Pressure-operated	200/1600

27 COMBI RANGE

WALL-MOUNTING ENCLOSURES AND MODULAR COMPONENTS

RINGERS

IR RINGER

GW27871



ELECTRONIC RINGER WITH IR LIGHT SWITCH

Code	Type	Pack Carton
GW 27 871	IR light switch	1

KIT COMPOSITION: central unit, IR light switch, plug power supply, assembly material (mounting bracket, screws, wall plugs, adhesive strip for assembly on glass elements), connection cable (3m long).

PIR RINGER

GW27872



ELECTRONIC RINGER WITH PIR MOVEMENT DETECTOR

Code	Type	Pack Carton
GW 27 872	PIR movement detector	1

KIT COMPOSITION: central unit, PIR movement detector, plug power supply, assembly material (mounting bracket, screws, wall plugs, adhesive strip for assembly on glass elements), connection cable (3m long).

RINGER ACCESSORIES

GW27873



WALL-MOUNTING RINGER

Code	Type	Pack Carton
GW 27 873	Wall-mounting ringer	1

NOTE: to use in combination with GW27871 and GW27872, as replacement or supplementary ringer.

GW27874



WALL-MOUNTING PIR SENSOR

Code	Type	Pack Carton
GW 27 874	Wall-mounting PIR sensor	1

NOTE: to use in combination with GW27871 and GW27872, as replacement or supplementary ringer.

GW27875



WALL-MOUNTING IR SENSOR

Code	Type	Pack Carton
GW 27 875	Wall-mounting IR sensor	1

NOTE: to use in combination with GW27871 and GW27872, as replacement or supplementary ringer.

GW27876



REFLECTIVE STRIP FOR IR SENSOR

Code	Type	Pack Carton
GW 27 876	Reflective strip for IR sensor	1/50

NOTE: to use in combination with GW27871 and GW27872, as replacement or supplementary ringer.

27 COMBI RANGE

SHAVER SOCKET-OUTLET

SHAVER SOCKET-OUTLET

GW27861



SHAVER SOCKET-OUTLET FOR FLUSH-MOUNTING - 230/115V AC

Code	Primary voltage	Secondary voltage	Power	Colour	Pack Carton
GW 27 861	230V ac	230-115V ac	20VA	White RAL 1013	1/20

CHARACTERISTICS: equipped with output tension frontal selector.
ACCESSORIES SUPPLIED: flush-mounting box included.

GW27866



SHAVER SOCKET-OUTLET - 230/115V AC

Code	Primary voltage	Secondary voltage	Power	Colour	Pack Carton
GW 27 866	230V ac	230-115V ac	20VA	White RAL 1013	1/20

CHARACTERISTICS: equipped with output tension frontal selector.
NOTES: to complete with flush-mounting box GW27867 or wall-mounting box GW27868.

GW27863



SHAVER SOCKET-OUTLETS FOR FLUSH-MOUNTING - 230V AC

Code	Primary voltage	Secondary voltage	Power	Colour	Pack Carton
GW 27 862	230V ac	230V ac	20VA	White RAL 1013	1/20
GW 27 863	230V ac	230V ac	20VA	White RAL 9010	1/20

ACCESSORIES SUPPLIED: flush-mounting box included.

GW27865



SHAVER SOCKET-OUTLET - 230V AC

Code	Primary voltage	Secondary voltage	Power	Colour	Pack Carton
GW 27 865	230V ac	230V ac	20VA	White RAL 1013	1/20

NOTES: to complete with flush-mounting box GW27867 or wall-mounting box GW27868.

GW27864



SHAVER SOCKET-OUTLET FOR WALL-MOUNTING - 230V AC

Code	Primary voltage	Secondary voltage	Power	Colour	Pack Carton
GW 27 864	230V ac	230V ac	20VA	White RAL 1013	1/20

ACCESSORIES SUPPLIED: wall-mounting box included.

GW27867



SHAVER SOCKET-OUTLET BOXES

Code	Description	Colour	Pack Carton
GW 27 867	Flush-mounting box		1/24
GW 27 868	Wall-mounting box	White	1/24

NOTES: to utilize for shaver socket installation GW27865 and GW27866.

LOCAL RESIDUAL CURRENT PROTECTION DEVICES

SAFETY SOCKET-OUTLETS WITH RESIDUAL CURRENT PROTECTION

GW95922



FLUSH-MOUNTING RCD SAFETY SOCKET-OUTLETS - TYPE A - COLOUR POLAR WHITE - IP21

Code	Idn	Rated current	Rated voltage	Pack Carton
GW 95 921	10 mA	16 A	230V ac	1/2
GW 95 922	30 mA	16 A	250V ac	1/2

GW95923



FLUSH-MOUNTING RCD SAFETY SOCKET-OUTLETS - TYPE A - COLOUR POLAR WHITE - WATER PROTECTED VERSION IP44

Code	Idn	Rated current	Rated voltage	Pack Carton
GW 95 923	10 mA	16 A	230V ac	1/2
GW 95 924	30 mA	16 A	230V ac	1/2

GW95925



WALL-MOUNTING RCD SAFETY UNIT - TYPE A - COLOUR POLAR WHITE - IP41

Code	Idn	Rated current	Rated voltage	Pack Carton
GW 95 925	10 mA	16 A	230V ac	1/2
GW 95 926	30 mA	16 A	230V ac	1/2

GW95928



WALL-MOUNTING HOUSING FOR RCD SAFETY SOCKET-OUTLETS AND UNITS

Code	Suitable for	Colour	Pack Carton
GW 95 928	IP44 sockets	Polar white	5/100

PLAYBUS range

Flush-mounting domestic range

Domestic range with satin black button keys and plates with glossy or opaque finish.

- Large choice of functions to meet any requirement in terms of control, safety, comfort and service.
- High range flexibility thanks to the wide range of available accessories.
- High-capacity plates.
- 2 ranges of plates in up to 14 colours with 1-to-18 position modularity.

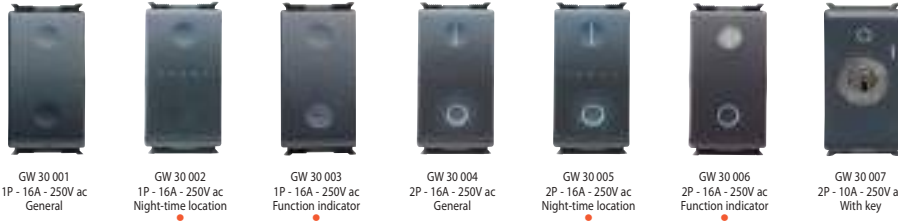


PLAYBUS RANGE

FLUSH-MOUNTING DOMESTIC RANGE

COMMAND

ONE-WAY SWITCHES



TWO-WAY SWITCHES



REVERSING SWITCH



THREE-WAY SWITCH

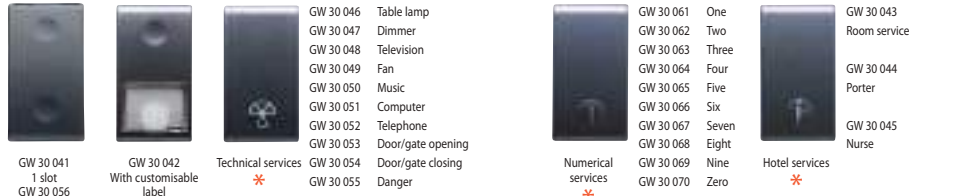


PUSH-BUTTONS



PLAYBUS RANGE

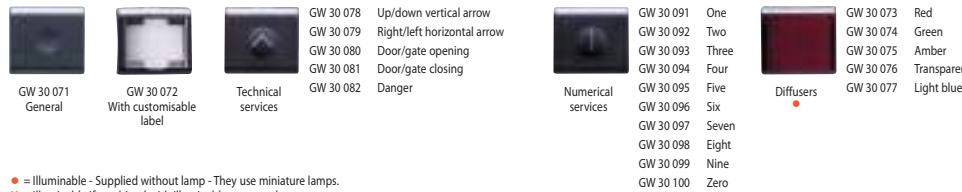
PUSH-BUTTONS 25 x 45mm



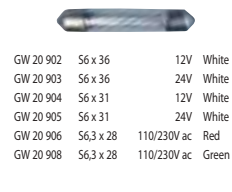
MINIATURE LAMP



PUSH-BUTTONS 25 x 22.5mm



CARTRIDGE LAMP



• = Illuminable - Supplied without lamp - They use miniature lamps.
 * = Illuminable if combined with illuminable command.

REMOTE CONTROL AND RECEIVERS



RELAY



IR



BLANKING MODULES AND OUTPUT



BOXES FOR ELECTRONICS



POWER AND SIGNAL TAKE-OFF

ITALIAN							ISRAELI				
	GW 30 201 2P + E - 10A 250V ac	GW 30 203 2P + E - 10/16A 250V ac	GW 30 321 2P + E - 10/16A 250V ac	GW 30 331 2P + E - 10/16A 250V ac	GW 30 336 2P + E - 10/16A 250V ac	GW 30 323 Quick wiring - 3 terminal blocks 2 x 2P + E - 10/16A - 250V ac		GW 30 237 2P + E - 16A 250V ac			
ITALIAN/GERMAN						SWISS					
	GW 30 210 2P + E - 10/16A P30 250V ac	GW 30 212 2P + E - 10/16A 250V ac	GW 30 214 2P + E - 10/16A 250V ac	GW 30 332 2P + E - 10/16A 250V ac	GW 30 337 2P + E - 10/16A 250V ac		GW 30 228 2P + E - 10A Type 12 - 250V ac	GW 30 234 2P + E - 10A Type 13 - 250V ac			
GERMAN					FRENCH						
	GW 30 211 2P + E - 16A 250V	GW 30 322 2P + E - 16A 250V ac	GW 30 333 2P + E - 16A 250V ac	GW 30 338 2P + E - 16A 250V ac		GW 30 215 2P - 16A 250V ac	GW 30 216 2P + E - 16A 250V ac				
BRITISH			AUSTRALIAN ARGENTINIAN			EUROAMERICAN/USA					
	GW 30 219 2P + E - 13A 250V ac	GW 30 220 2P + E - 15A 250V ac		GW 30 342 GW 30 235 2P + E - 10A 250V ac	GW 30 236 2P + E - 15A 250V ac		GW 30 227 2P + E - 10/15A 250/125V ac	GW 30 231 2P - 15A 125V ac	GW 30 232 2P + E - 15A 125V ac		
SPECIAL				TV-SAT				TELEPHONE JACKS			
	GW 30 291 2P - 6A - 24V (SELV)	GW 30 293 2P - 6A - 24V (SELV) polarised	GW 30 292 DIN 41524		Type F (Female) 5-2400 MHz GW 30 311 - 0 dB GW 30 316 - 5 dB GW 30 312 - 10 dB GW 30 313 - 14 dB GW 30 314 - 18 dB GW 30 315 - 22 dB	Male IEC Ø 9.5mm 5-2400 MHz GW 30 301 - 0 dB GW 30 306 - 5 dB GW 30 302 - 10 dB GW 30 303 - 14 dB GW 30 304 - 18 dB GW 30 305 - 22 dB	GW 20 277 Resistance of terminal closure 75Ω		GW 30 261 - RJ11 GW 30 263 - RJ12 GW 30 262 RJ11 Double	GW 30 279 6 contacts	GW 30 264 French 8 contacts
CONNECTORS FOR DATA TRANSMISSION						CONNECTORS RJ12-RJ45 TOOLLESS					
	GW 30 265 RJ45 - Cat. 3 UTP	GW 30 267 / RJ45 - Cat. 5e GW 30 684 - Cat. 6 UTP / RJ45 GW 30 266 / RJ45 - Cat. 5e FTP	Enclosures for RJ45 GW 30 285 for IBM GW 30 286 for AVAYA GW 30 287 for AMP	GW 30 272 BNC 50Ω GW 30 273 BNC 75/93Ω	GW 30 275 - SUB-D 9 PIN GW 30 276 - SUB-D 15 PIN GW 30 277 - SUB-D 25 PIN		UTP GW 30 681/RJ12 - Cat. 3 GW 30 682/RJ45 - Cat. 5e GW 30 685/RJ45 - Cat. 6	FTP GW 30 683/RJ45 Cat. 5e GW 30 686/RJ45 Cat. 6			

PLAYBUS RANGE

POWER, COMFORT AND CLIMATE MANAGEMENT

DIMMER FOR RESISTIVE AND INDUCTIVE LOADS



GW 30 402
Only for resistive loads
230V ac - 100/500W
110V ac - 50/250W



GW 30 403 ▲
230V ac - 100/900W
110V ac - 100/500W
GW 30 404
With two-way switch
230V ac - 40/300W
110V ac - 20/150W
GW 30 409
For fans
230V ac - 55-80VA



GW 30 407
For electronic power supply units
230V ac - 25/180W
110V ac - 20/ 80W



GW 30 401 - 230V ac - 60/500W
GW 30 406 - For electronic power supply units - 230V ac - 25/300W

PROGRAMMER



GW 30 413
Electronic daily/weekly timer
230V ac - 50/60 Hz

TIMER



GW 30 412
Timer push-button
230V ac - 50/60Hz

CLIMATE CONTROL



GW 30 701
Electronic summer/winter timed thermostat
230V ac - 50Hz



GW 30 702
Electronic summer/winter timed thermostat
230V ac - 50/60Hz



GW 30 703
Probe to measure temperature



GW 30 706
Timed thermostat with daily/weekly programming
230V ac - 50/60Hz

SOUND TRANSMISSION



GW 30 811
Pre-amplifier with two-inputs with centralized ON/OFF command
24V dc



GW 30 812
FM tuner with channel memory
24V dc



GW 30 821
Local selector to activate the system, select the channel and adjust the volume
24V dc



GW 30 814
Monostable relay for audio source command 24V dc



GW 30 831
Intercom module
24V dc



GW 30 827
Amplified speaker
6W - 24V dc - (3 modules)
GW 30 826
High performance amplified speaker 2way
10W - 24V dc - (4+4 modules)

NON PLAYBUS-MODULE PRODUCTS

- GW 30 810 Power supply unit
- GW 30 836 Mono lead
- GW 30 837 Stereo lead

Standard speaker system kit

GEWISS CODE	Qty.	Kit composition Description	GEWISS CODE
GW 30 820	1	Pre-amplifier	GW 30 811
	1	FM tuner	GW 30 812
	2	Local selector	GW 30 821
	2	2-way speaker	GW 30 826
	2	Compact speaker	GW 30 827
	1	Power supply unit	GW 30 810
	1	Mono lead	GW 30 836

COMPONENTS FOR HOTEL INSTALLATIONS



GW 30 430
Universal badge switch with location light
1P NO - 10A - 250V ac



GW 30 711
Shaver socket-outlet
230V ac - 50/60Hz



GW 30 726
Halogen lamp for reading - 230V ac - 50/60Hz

▲ = Items designated solely for export to countries outside the European Union.

PROTECTION, SAFETY AND SIGNALLING

AUTOMATIC CIRCUIT BREAKERS



Residual current circuit breakers
Breaking capacity 3kA
Limitation class 3

GW 30 371 - 6A
GW 30 372 - 10A
GW 30 373 - 16A
1P
GW 30 374 - 6A
GW 30 375 - 10A
GW 30 376 - 16A
1P+N
GW 30 394 - 6A
GW 30 395 - 10A
GW 30 396 - 16A
1P+N - Red



Residual current circuit breakers with overcurrent protection
Breaking capacity 3kA
Limitation class 3

GW 30 385 - 6A
GW 30 386 - 10A
GW 30 387 - 16A
1P+N - $I_{\Delta n} = 6mA$
GW 30 377 - 6A
GW 30 378 - 10A
GW 30 379 - 16A
1P+N - $I_{\Delta n} = 10mA$
GW 30 388 - 6A
GW 30 389 - 10A
GW 30 390 - 16A
1P+N - $I_{\Delta n} = 30mA$

PROTECTION DEVICES



GW 30 361
Overvoltage limiting device
75J - 250V ac



GW 30 360
Fuse-holder
In = 16A

GAS AND SMOKE DETECTORS



GW 30 514 - Smoke detector - 230V ac - 50Hz



GW 30 519
Methane detector 12V ac/dc
GW 30 520
LPG detector 12V ac/dc



GW 30 518
Power supply 230V ac - 12V dc

WATER DETECTOR



GW 30 515
Water detector - 230V ac - 50/60Hz



GW 30 516
H₂O sensor

COMPLEMENTARY ITEMS



GW 30 522
Gas solenoid valve
3/4" - 230V ac - 12VA

BELLS AND BUZZERS



GW 30 631 - 12V ac
GW 30 632 - 230V ac
Three-tone bell plus buzzer



GW 30 633 - 12V ac
GW 30 634 - 230V ac
Bells



GW 30 635 - 12V ac
GW 30 636 - 230V ac
Buzzers

ANTI-BLACKOUT AND EMERGENCY



GW 30 501
Extractable
230V ac - 50/60Hz



GW 30 506
Non-maintained NP lamp
6 modules - 230V ac - 50/60Hz - 4W

INDICATOR LAMPS



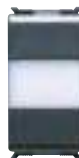
GW 30 611
Red**



GW 30 612
Green**



GW 30 613
Amber**



GW 30 614
Transparent**



GW 30 615
Light blue**



GW 30 616
Double red/green*

* Uses miniature lamp units
** Uses 56.3x28mm and 56 x 31mm cartridge lamps
*** Uses 56x36mm cartridge lamps

STAIR RISER LAMPS



GW 30 601 - Opal
GW 30 602 Red
GW 30 603 Green
GW 30 604 Amber
GW 30 605 Light blue
with directional beam of light ***

PLAYBUS RANGE

FLUSH-MOUNTING DOMESTIC RANGE

PLAYBUS YOUNG PLATES: YOUNG STYLE IN 14 COLOURS

CLOUD
WHITE



GW 32 241 1 gang
GW 32 242 2 gang
GW 32 243 3 gang
GW 32 244 4 gang
GW 32 246 6 gang

GERANIUM
RED



GW 32 341 1 gang
GW 32 342 2 gang
GW 32 343 3 gang
GW 32 344 4 gang
GW 32 346 6 gang

VENETIAN
GREEN



GW 32 351 1 gang
GW 32 352 2 gang
GW 32 353 3 gang
GW 32 354 4 gang
GW 32 356 6 gang

SKY
BLUE



GW 32 391 1 gang
GW 32 392 2 gang
GW 32 393 3 gang
GW 32 394 4 gang
GW 32 396 6 gang

CORN
YELLOW



GW 32 321 1 gang
GW 32 322 2 gang
GW 32 323 3 gang
GW 32 324 4 gang
GW 32 326 6 gang

SOFT
CHROME



GW 32 751 1 gang
GW 32 752 2 gang
GW 32 753 3 gang
GW 32 754 4 gang
GW 32 756 6 gang

METALLIC
TITANIUM



GW 32 701 1 gang
GW 32 702 2 gang
GW 32 703 3 gang
GW 32 704 4 gang
GW 32 706 6 gang

TONER
BLACK



GW 32 301 1 gang
GW 32 302 2 gang
GW 32 303 3 gang
GW 32 304 4 gang
GW 32 306 6 gang

CLASSIC
BURGUNDY



GW 32 371 1 gang
GW 32 372 2 gang
GW 32 373 3 gang
GW 32 374 4 gang
GW 32 376 6 gang

RACING
GREEN



GW 32 381 1 gang
GW 32 382 2 gang
GW 32 383 3 gang
GW 32 384 4 gang
GW 32 386 6 gang

JAZZ
BLUE



GW 32 231 1 gang
GW 32 232 2 gang
GW 32 233 3 gang
GW 32 234 4 gang
GW 32 236 6 gang

ENGLISH
WALNUT



GW 32 771 1 gang
GW 32 772 2 gang
GW 32 773 3 gang
GW 32 774 4 gang
GW 32 776 6 gang

ANTIQUE
GOLD



GW 32 761 1 gang
GW 32 762 2 gang
GW 32 763 3 gang
GW 32 764 4 gang
GW 32 766 6 gang

METALLIC
SLATE



GW 32 711 1 gang
GW 32 712 2 gang
GW 32 713 3 gang
GW 32 714 4 gang
GW 32 716 6 gang

PLAYBUS RANGE

PLAYBUS YOUNG PLATES: MODULARITY FROM 1M TO 6M



1 gang



2 gang



3 gang



4 gang



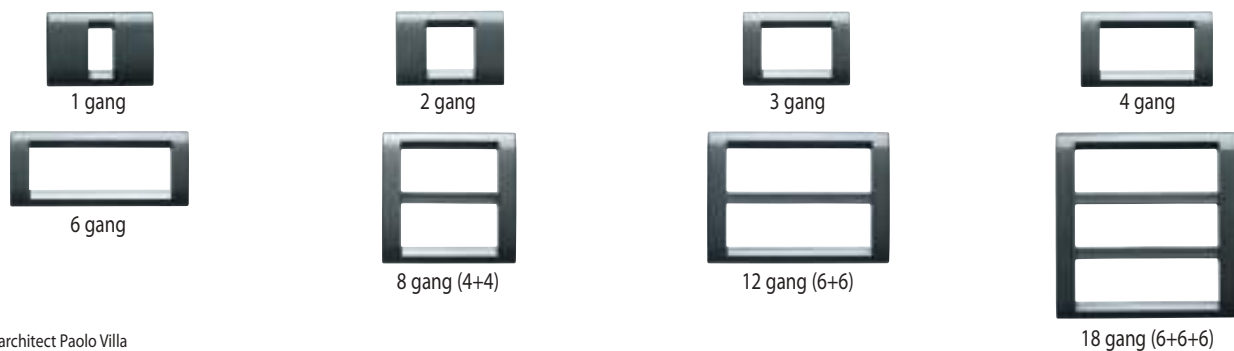
6 gang

Design: architect Paolo Villa

PLAYBUS PLATES: ELEGANT STYLE IN 14 COLOURS

CLOUD WHITE		GW 32 021	1 gang		TONER BLACK	GW 32 051	1 gang
		GW 32 022	2 gang			GW 32 052	2 gang
		GW 32 023	3 gang			GW 32 053	3 gang
		GW 32 024	4 gang			GW 32 054	4 gang
		GW 32 026	6 gang			GW 32 056	6 gang
		GW 32 027	8 gang			GW 32 057	8 gang
		GW 32 028	12 gang				
		GW 32 029	18 gang				
GERANIUM RED		GW 32 521	1 gang	CLASSIC BURGUNDY		GW 32 041	1 gang
		GW 32 522	2 gang			GW 32 042	2 gang
		GW 32 523	3 gang			GW 32 043	3 gang
		GW 32 524	4 gang			GW 32 044	4 gang
		GW 32 526	6 gang			GW 32 046	6 gang
		GW 32 527	8 gang			GW 32 047	8 gang
VENETIAN GREEN		GW 32 541	1 gang	RACING GREEN		GW 32 551	1 gang
		GW 32 542	2 gang			GW 32 552	2 gang
		GW 32 543	3 gang			GW 32 553	3 gang
		GW 32 544	4 gang			GW 32 554	4 gang
		GW 32 546	6 gang			GW 32 556	6 gang
		GW 32 547	8 gang			GW 32 557	8 gang
SKY BLUE		GW 32 561	1 gang	JAZZ BLUE		GW 32 571	1 gang
		GW 32 562	2 gang			GW 32 572	2 gang
		GW 32 563	3 gang			GW 32 573	3 gang
		GW 32 564	4 gang			GW 32 574	4 gang
		GW 32 566	6 gang			GW 32 576	6 gang
		GW 32 567	8 gang			GW 32 577	8 gang
CORN YELLOW		GW 32 581	1 gang	ENGLISH WALNUT		GW 32 081	1 gang
		GW 32 582	2 gang			GW 32 082	2 gang
		GW 32 583	3 gang			GW 32 083	3 gang
		GW 32 584	4 gang			GW 32 084	4 gang
		GW 32 586	6 gang			GW 32 086	6 gang
		GW 32 587	8 gang			GW 32 087	8 gang
SOFT CHROME		GW 32 071	1 gang	ANTIQUE GOLD		GW 32 061	1 gang
		GW 32 072	2 gang			GW 32 062	2 gang
		GW 32 073	3 gang			GW 32 063	3 gang
		GW 32 074	4 gang			GW 32 064	4 gang
		GW 32 076	6 gang			GW 32 066	6 gang
		GW 32 077	8 gang			GW 32 067	8 gang
METALLIC TITANIUM		GW 32 011	1 gang	METALLIC SLATE		GW 32 001	1 gang
		GW 32 012	2 gang			GW 32 002	2 gang
		GW 32 013	3 gang			GW 32 003	3 gang
		GW 32 014	4 gang			GW 32 004	4 gang
		GW 32 016	6 gang			GW 32 006	6 gang
		GW 32 017	8 gang			GW 32 007	8 gang
		GW 32 018	12 gang			GW 32 008	12 gang
		GW 32 019	18 gang			GW 32 009	18 gang

PLAYBUS PLATES: MODULARITY FROM 1M TO 18M



Design: architect Paolo Villa

COMMAND

COMMAND DEVICES

GW30001



ONE-WAY SWITCHES - 250V AC

Code	Description	Type	Symbol	No. Playbus modules	Pack Carton
GW 30 001	1P - 16AX	General		1	24/96
GW 30 002	1P - 16AX illuminable	Night-time location		1	24/48
GW 30 003	1P - 16AX illuminable	Functional indicator		1	24/48
GW 30 004	2P - 16AX	General	0/1	1	24/48
GW 30 005	2P - 16A illuminable	Night-time location	0/1	1	24/48
GW 30 006	2P - 16AX illuminable	Functional indicator	0/1	1	24/48
GW 30 007	2P - 10AX	With key	0/1	1	1/12

ACCESSORIES SUPPLIED: GW30007, 2 keys. Backlit items are supplied without lamp. They use miniature lamps.

GW30011



TWO-WAY SWITCHES - 250V AC

Code	Description	Type	No. Playbus modules	Pack Carton
GW 30 011	1P - 16AX	General	1	24/96
GW 30 012	1P - 16AX illuminable	Night-time location	1	24/48
GW 30 013	1P - 16AX illuminable	Functional indicator	1	24/48
GW 30 014	1P - 10AX	With key	1	1/12

ACCESSORIES SUPPLIED: GW30014, 2 keys. Backlit items are supplied without lamp. They use miniature lamps.

GW30015



REVERSING SWITCH - 250V AC

Code	Description	Type	No. Playbus modules	Pack Carton
GW 30 015	1P - 16AX	General	1	24/48

GW30016



THREE-WAY SWITCH - 250V AC

Code	Description	Symbol	No. Playbus modules	Pack Carton
GW 30 016	1P - 10AX	Up-down	1	24/48

CHARACTERISTICS: 3 three standing positions. Both contacts are open in central position (OFF).

APPLICATIONS: command of circuits requiring an interlock (e.g. operating motorised devices with direction reversal).
2-user selective control.

PLAYBUS RANGE

GW30021



PUSH-BUTTONS - 250V AC

Code	Description	Type	Symbol	No. Playbus modules	Pack Carton
GW 30 021	1P NO - 16A	General		1	24/96
GW 30 022	1P NO - 16A illuminable	Night-time location		1	12/24
GW 30 023	1P NO - 16A illuminable	Functional indicator		1	12/24
GW 30 024	1P NO - 16A illuminable	With symbol	Key	1	12/24
GW 30 025	1P NO - 16A illuminable	With symbol	Bell	1	12/24
GW 30 026	1P NO - 16A illuminable	With symbol	Light	1	12/24
GW 30 027	1P NO - 16A illuminable	With symbol	Stairs	1	12/24
GW 30 028	1P NO - 16A	25 x 22.5 mm With red diffusor		1	12/24
GW 30 029	1P NO - 16A	25 x 22.5 mm With green diffusor		1	12/24
GW 30 030	2P NO - 16A	General	0	1	24/48
GW 30 031	2P NO - 16A	With pull-cord		1	4/32
GW 30 032	2P NO - 10A	With key	0/1	1	1/24
GW 30 033	1P NO - 16A double button	25 x 22.5 mm Double button		1	12/24
GW 30 034	1P NO+NO - 10A	With interlocking	Up-down	1	12/24
GW 30 035	1P NC - 16A	General	0	1	12/24
GW 30 036	1P NO - 10A - Aux. NC	Start	Green	1	12/24
GW 30 037	1P NC - 10A - Aux. NO	Stop	Red	1	12/24

CHARACTERISTICS: GW30033 independent push-buttons that can also be activated simultaneously. GW30034: 3-way push-button with interlocking. Both contacts are open in central position (OFF).

APPLICATIONS: GW30034: impulse activation of motorised devices with direction reversal (e.g. roller shutters, curtains, etc.).

ACCESSORIES SUPPLIED: GW30031 cord in insulating material, 150cm long, with knob. GW30032, 2 keys.

The illuminated articles are supplied without lamps. They use miniature lamps.

GW30038



PUSH-BUTTONS WITH BACKLIT NAME-PLATE - 250V AC

Code	Description	Lamp	Lamp voltage	Lamp power	No. Playbus modules	Pack Carton
GW 30 038	1P NO - 10A illuminable	Cartridge S6x36 mm	12 - 24 V	2 W	2	12/36

Supplied without lamp.

APPLICATIONS: in installations on 3 gang plates, the dimensions of the device (only 2 modules) allow another 1 module device to be inserted.

INTERCHANGEABLE PUSH-BUTTONS

GW30041



INTERCHANGEABLE PUSH-BUTTONS 25 X 45 MM

Code	Description	Pack Carton
SUITABLE FOR: GENERAL SERVICES		
GW 30 041	General (1 slot)	4/48
GW 30 056	General (2 slots)	4/48
GW 30 042	With label 13 x 19mm	4/48
SUITABLE FOR: HOTEL SERVICES		
GW 30 043	Room service	4/48
GW 30 044	Porter	4/48
GW 30 045	Nurse	4/48
SUITABLE FOR: TECHNICAL SERVICES		
GW 30 046	Table lamp	4/48
GW 30 047	Dimmer	4/48
GW 30 048	Television	4/48
GW 30 049	Fan	4/48
GW 30 050	Music	4/48
GW 30 051	Computer	4/48
GW 30 052	Telephone	4/48
GW 30 053	Door/gate opening	4/48
GW 30 054	Door/gate closing	4/48
GW 30 055	Hazard	4/48
SUITABLE FOR: NUMERICAL SERVICES		
GW 30 061	One	4/48
GW 30 062	Two	4/48
GW 30 063	Three	4/48
GW 30 064	Four	4/48
GW 30 065	Five	4/48
GW 30 066	Six	4/48
GW 30 067	Seven	4/48
GW 30 068	Eight	4/48
GW 30 069	Nine	4/48
GW 30 070	Zero	4/48

The PLAYBUS modular system allows the use of interchangeable buttons 25x45 mm to substitute the standard keys supplied on control devices.

CHARACTERISTICS: backlit buttons excluding items GW30041 - GW30056.

PLAYBUS RANGE

FLUSH-MOUNTING DOMESTIC RANGE

GW30071



INTERCHANGEABLE PUSH-BUTTONS 25 X 22.5 MM

Code	Description	Pack Carton
SUITABLE FOR: GENERAL SERVICES		
GW 30 071	General	4/48
GW 30 072	With label 13 x 19mm	4/48
SUITABLE FOR: LIGHT INDICATOR		
GW 30 073	Red diffuser	4/48
GW 30 074	Green diffuser	4/48
GW 30 075	Amber diffuser	4/48
GW 30 076	Transparent diffuser	4/48
GW 30 077	Blue diffuser	4/48
SUITABLE FOR: TECHNICAL SERVICES		
GW 30 078	Up/down arrow	4/48
GW 30 079	Left/right arrow	4/48
GW 30 080	Door/gate opening	4/48
GW 30 081	Door/gate closing	4/48
GW 30 082	Hazard	4/48
SUITABLE FOR: NUMERICAL SERVICES		
GW 30 091	One	4/48
GW 30 092	Two	4/48
GW 30 093	Three	4/48
GW 30 094	Four	4/48
GW 30 095	Five	4/48
GW 30 096	Six	4/48
GW 30 097	Seven	4/48
GW 30 098	Eight	4/48
GW 30 099	Nine	4/48
GW 30 100	Zero	4/48

The PLAYBUS modular system allows the use of interchangeable buttons 25x22.5 mm to substitute the standard keys supplied on control devices.

GW30028 - GW30029 - GW30033. Items from GW30073 to GW30077 can be used as spares for double indicator lamp GW30616.

CHARACTERISTICS: backlit buttons excluding item GW30071.

BLANKING MODULES AND OUTLET

GW30901



BLANKING MODULES AND OUTLET

Code	Description	No. Playbus modules	Pack Carton
GW 30 901	1 gang	1	5/200
GW 30 902	2 gang	2	12/48
GW 30 903	3 gang	3	8/32
GW 30 905	1 gang with outlet for cable Ø 4 and Ø 8mm	1	24/48

APPLICATIONS: in addition to their normal use, they permit installing signal socket-outlets, microswitches and LEDs after appropriate drilling/preparation.

In addition, it is possible to apply the temperature sensor GW30703 using the special double-sided adhesive.

ACCESSORIES SUPPLIED: GW30905, fastener cable fastener device.

INFRARED REMOTE CONTROL AND RECEIVERS

GW30101



PORTABLE REMOTE CONTROL

Code	Description	Reach	Power supply batteries	Pack Carton
GW 30 101	6 channels / 3 bands	15 m	N.2 alkaline 1.5V type AAA	1/2

Supplied without batteries.

APPLICATIONS: setting the internal microswitch onto 3 bands prevents interference with other remote controls.

ACCESSORIES SUPPLIED: support for wall mounting.

GW30102



2 CHANNEL AND 2 BUTTONS RECEIVER - 230V - 50/60 HZ

Code	Relay output	Channel selector	No. Playbus modules	Pack Carton
GW 30 102	2NO 5A (AC1)/2A (AC15) 250V ac	18 positions	1	1/6

APPLICATIONS: impulse activation of roller shutters, roller blinds and similar (direct use, or via momentary relay GW30116).

NOTES: the installation of more than one product side by side in a single container is not recommended.

To avoid overheating, insert a blanking module between two electronic devices.

①=June 2010

GW30103



1 CHANNEL AND 1 BUTTON RECEIVER - 230V - 50/60 HZ

Code	Relay output	Channel selector	No. Playbus modules	Pack Carton
GW 30 103	1NO 5A(AC1)/2A (AC15) 250V ac	18 positions	1	1/6

APPLICATIONS: jogging command of ringers, electro-locks etc. (direct use, or via momentary relay GW30116).
ON-OFF command of user devices (lamps, fans, etc.) by means of a latching relay GW30111 or GW30112.
Command and adjustment of flush-mounting boxes via dimmers GW30401 or GW30406 / GW30407.
Command of night-time reduction in heating / conditioning systems, via latching relay GW30111 and thermostat GW30702.

NOTES: the installation of more than one product side by side in a single container is not recommended.
To avoid overheating, insert a blanking module between two electronic devices.

BOXES FOR ELECTRONICS AND SPECIAL USES

GW30921



BOXES FOR ELECTRONICS AND SPECIAL USES, EQUIPPED WITH DIN RAIL COUPLING

Code	Description	Capacity LxHxD (mm)	No. Playbus modules	No. DIN modules	Pack Carton
COVER: TRANSPARENT					
GW 30 921	3 gang	68x40.5x45	3	4,5	4/16
COVER: BLANK					
GW 30 924	3 gang	68x40.5x45	3	4,5	4/16

APPLICATIONS: Making customized Playbus components that can be installed on plates or inside control units/distribution boards, e.g. composition of power socket-outlets - installation of displays, non-modular indicator/control units - housing of electronic boards.

INFRARED MOVEMENT SENSOR

GW30121



INFRARED MOVEMENT DETECTOR WITH RELAY OUTPUT AND TWILIGHT SENSOR FOR COMMANDING LIGHTING EQUIPMENT - 230V - 50/60HZ

Code	Range of action	Duration adjustment	Twilight threshold adjust.	Relay output	No. Playbus modules	Pack Carton
GW 30 121	10 m	5 - 180 sec.	5 - 300 lux	1NO 5A(AC1)/2A (AC15) 250V ac	1	1/6

APPLICATIONS: energy-saving: command of the lighting of rooms and areas only when people pass through (e.g. corridors, stairs, halls, exhibition areas, etc.). Comfort and safety: automatic command of services, without the need to use one-way switches. (e.g. environments where you often pass through with your hands full, hospitals or for disabled people).
Do not install the product in watertight plates: the membrane of the lid does not allow the detector lens to work correctly.

NOTES: not suitable for directly commanding fluorescent-type loads.

RELAY

GW30112



LATCHING RELAY

Code	No. of poles	Output contacts	No. Playbus modules	Pack Carton
GW 30 111	1	10A (AC1) / 7A (AC15) 250V ac	1	1/12
GW 30 112	2	10A (AC1) / 7A (AC15) 250V ac	1	1/12

CHARACTERISTICS: coil 230V AC - 50 /60 Hz.
APPLICATIONS: command of lighting devices from several points, via push-buttons. Run/stop command of engines (extractors, air agitators, etc.).

GW30116



MOMENTARY RELAY

Code	No. of poles	Output contacts	No. Playbus modules	Pack Carton
GW 30 116	1	1 exchange contact NO/NC 10A (AC1) / 4A (AC15) 250V ac	1	1/12

As an auxiliary element for commanding special loads, for remote signalling, for electric separation of command circuits from utilisation circuits.
CHARACTERISTICS: coil 230V AC - 50 /60 Hz.

POWER TAKE-OFF

SOCKET-OUTLETS - ITALIAN STANDARD

GW30203



ITALIAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	Type	For plug pins	No. Playbus modules	Pack Carton
GW 30 201	2P+E - 10A	P11	Ø 4 mm	1	24/96
GW 30 203	2P+E - 16A Dual amp.	P17/11	Ø 4 / 5 mm	1	24/96

CHARACTERISTICS: with safety shields.

GW30210



ITALIAN/GERMAN STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	Earth pit	Type	For plug pins	No. Playbus modules	Pack Carton
GW 30 210	2P+E - 16A	Side and central	P30	Ø 4 / 4.8 mm	2	12/48
GW 30 212	2P+E - 16A Dual amp.	Side and central	P30 - P17	Ø 4 / 4.8 / 5 mm	2	12/48

CHARACTERISTICS: with safety shields.

GW30323



ITALIAN STANDARD DUAL SOCKET-OUTLET WITH RAPID WIRING - 250V AC

Code	Description	Type	For plug pins	No. Playbus modules	Pack Carton
GW 30 323	2x2P+E 16A Dual amp.	P17/11	Ø 4 / 5 mm	2	12/48

CHARACTERISTICS: with safety shields.

SOCKET-OUTLETS FOR DEDICATED LINES

GW30321



ITALIAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	Type	For plug pins	No. Playbus modules	Pack Carton
GW 30 321	2P+E - 16A Dual amp.	Red	P17/11	Ø 4 / 5 mm	1	24/48
GW 30 331	2P+E - 16A Dual amp.	Green	P17/11	Ø 4 / 5 mm	1	24/48
GW 30 336	2P+E - 16A Dual amp.	Orange	P17/11	Ø 4 / 5 mm	1	24/48

CHARACTERISTICS: with safety shields.

PLAYBUS RANGE

GW30214



ITALIAN/GERMAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Earth pit	Colour	Type	For plug pins	No. Playbus modules	Pack Carton
GW 30 214	2P+E - 16A Dual amp.	Side and central	Red	P30 - P17	Ø 4 / 4.8 / 5 mm	2	12/24
GW 30 332	2P+E - 16A Dual amp.	Side and central	Green	P30 - P17	Ø 4 / 4.8 / 5 mm	2	12/24
GW 30 337	2P+E - 16A Dual amp.	Side and central	Orange	P30 - P17	Ø 4 / 4.8 / 5 mm	2	12/24

CHARACTERISTICS: with safety shields.

GW30322



GERMAN STANDARD SOCKET-OUTLETS FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	No. Playbus modules	Pack Carton
GW 30 322	2P+E - 16A	Red	Ø 4.8 mm	2	12/24
GW 30 333	2P+E - 16A	Green	Ø 4.8 mm	2	12/24
GW 30 338	2P+E - 16A	Orange	Ø 4.8 mm	2	12/24

CHARACTERISTICS: with safety shields.

SOCKET-OUTLETS - INTERNATIONAL STANDARD (FOR EXPORT)

		GERMAN STANDARD SOCKET-OUTLET - 250V AC				
		Code	Description	For plug pins	No. Playbus modules	Pack Carton
GW30211		GW 30 211	2P+E - 16A	Ø 4.8 mm	2	12/48
CHARACTERISTICS: with safety shields.						
		FRENCH STANDARD SOCKET-OUTLETS - 250V AC				
		Code	Description	For plug pins	No. Playbus modules	Pack Carton
GW30215		GW 30 215	2P - 16A	Ø 4 / 4.8 mm	2	12/48
		GW 30 216	2P+E - 16A	Ø 4 / 4.8 mm	2	12/48
CHARACTERISTICS: with safety shields.						
		BRITISH STANDARD SOCKET-OUTLETS - 250V AC				
		Code	Description	For plug pins	No. Playbus modules	Pack Carton
GW30219		GW 30 219	2P+E - 13A	flat	2	12/48
		GW 30 220	2P+E - 15A	Ø 7 mm	2	12/48
CHARACTERISTICS: with safety shields.						
		SWISS STANDARD SOCKET-OUTLETS - 250V AC				
		Code	Description	For plug pins	No. Playbus modules	Pack Carton
GW30228		GW 30 228	2P+E - 10A - type 12	Ø 4 mm	1	24/48
		GW 30 234	2P+E - 10A - type 13	Ø 4 mm	1	24/48
		EURO AMERICAN STANDARD SOCKET-OUTLETS - 250/125V AC				
		Code	Description	For plug pins	No. Playbus modules	Pack Carton
GW30227		GW 30 227	2P+E - 10/15A	Ø 4.8 mm/ flat	1	24/48
		USA STANDARD SOCKET-OUTLETS - 125V AC				
		Code	Description	For plug pins	No. Playbus modules	Pack Carton
GW30231		GW 30 231	2P - 15A	Flat parallel horizontal	1	24/48
		GW 30 232	2P+E - 15A	Flat parallel horizontal	1	24/48
		ARGENTINIAN STANDARD SOCKET-OUTLETS - 250V AC				
		Code	Description	For plug pins	No. Playbus modules	Pack Carton
GW30235		GW 30 235	2P+E - 10A	flat	2	12/48
		GW 30 236	2P+E - 15A	flat	2	12/48
		AUSTRALIAN STANDARD SOCKET-OUTLETS - 250V AC				
		Code	Description	For plug pins	No. Playbus modules	Pack Carton
GW30343		GW 30 342	2P+E - 10A	flat	2	12/48
		GW 30 343	2P+E - 15A	flat	2	12/48
		ISRAELI STANDARD SOCKET-OUTLET - 250V AC				
		Code	Description	For plug pins	No. Playbus modules	Pack Carton
GW30237		GW 30 237	2P+E - 16A	Round Ø 4 / 4.4 mm	2	12/48
CHARACTERISTICS: with safety shields.						

SIGNAL TAKE-OFF

TV-SAT SOCKET-OUTLETS

GW30316



CO-AXIAL TV-SAT SOCKET-OUTLETS (5-2400 MHZ) CLASS A SHIELDING F FEMALE CONNECTOR

Code	Description	Type	Attenuation	No. Playbus modules	Pack Carton
GW 30 311	Direct	With passage of current	0 dB	1	24/48
GW 30 316	Feedthrough		5 dB	1	1/24
GW 30 312	Feedthrough		10 dB	1	1/24
GW 30 313	Feedthrough		14 dB	1	1/24
GW 30 314	Feedthrough		18 dB	1	1/24
GW 30 315	Feedthrough		22 dB	1	1/24
GW 20 277	Terminal resistance 75 ohm				50/200

The TV-SAT 5 dB GW30316 coaxial socket-outlet is defined with conditioned use. It is a special feedthrough socket-outlet and must be used as such, with the only difference being that the user door (socket-outlet towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).

The feedthrough type of socket-outlets are equipped with protection against electric shock as per Art. 9.14 CEI EN 50083-1.

Socket-outlets suitable for return channel.

CHARACTERISTICS: GW30311 allows the flow of voltage/current for power feed and/or control signals towards the user door (max 24 V - 500 mA).

GW20277 permits making terminal socket-outlets in combination with feedthrough type socket-outlets.

GW30306



CO-AXIAL TV-SAT SOCKET-OUTLETS (5-2400 MHZ) CLASS A SHIELDING IEC MALE CONNECTOR Ø 9.5 MM

Code	Description	Type	Attenuation	No. Playbus modules	Pack Carton
GW 30 301	Direct	With passage of current	0 dB	1	24/48
GW 30 306	Feedthrough		5 dB	1	1/24
GW 30 302	Feedthrough		10 dB	1	1/24
GW 30 303	Feedthrough		14 dB	1	1/24
GW 30 304	Feedthrough		18 dB	1	1/24
GW 30 305	Feedthrough		22 dB	1	1/24
GW 20 277	Terminal resistance 75 ohm				50/200

The TV-SAT 5 dB GW30306 coaxial socket-outlet is defined with conditioned use. It is a special feedthrough socket-outlet and must be used as such, with the only difference being that the user door (socket-outlet towards the user device) must always be closed with a 75-Ohm load (TV, VCR, SAT receiver or 75-Ohm termination).

The feedthrough type of socket-outlets are equipped with protection against electric shock as per Art. 9.14 CEI EN 50083-1.

Socket-outlets suitable for return channel.

CHARACTERISTICS: GW30301 allows the flow of voltage/current for power feed and/or control signals towards the user door (max 24 V - 500 mA).

GW20277 permits making terminal socket-outlets in combination with feedthrough type socket-outlets.

PLAYBUS RANGE

TELEPHONE JACKS

GW30261



INTERNATIONAL STANDARD TELEPHONE JACKS

Code	Description	No. pairs	Cables type	No. Playbus modules	Pack Carton
GW 30 261	RJ11	2	Twisted pair	1	1/24
GW 30 262	RJ11 Double	2	Twisted pair	1	1/12
GW 30 263	RJ12	3	UTP	1	1/12

CHARACTERISTICS: insulation displacement connection.

APPLICATIONS: RJ11: telephone, telefax, modem. - RJ12: intercommunicating internal systems.

GW30264



FRENCH STANDARD TELEPHONE JACKS

Code	Description	Connection type	No. Playbus modules	Pack Carton
GW 30 264	French 8 contacts	Screw-on terminals	1	1/12

GW30279



BRITISH STANDARD TELEPHONE JACKS

Code	Description	Connection type	No. Playbus modules	Pack Carton
GW 30 279	British 6 contacts	Screw-on terminals	1	1/24

CONNECTORS FOR QUICK AND STRUCTURED WIRING (FAST)

GW30683



RJ12 AND RJ45 TOOLLESS CONNECTORS

Code	Description	No. pairs	Category	Cables type	Connection type	No. Playbus modules	Pack Carton
GW 30 681	RJ12 with cover	3	3	UTP	Insulation puncture	1	1/24
GW 30 683	RJ45	4	5e	FTP	Insulation puncture	1	1/24
GW 30 682	RJ45 with cover	4	5e	UTP	Insulation puncture	1	1/24
GW 30 686	RJ45	4	6	FTP	Insulation puncture	1	1/12
GW 30 685	RJ45	4	6	UTP	Insulation puncture	1	1/12

APPLICATIONS: LANs up to 16MHz (e.g. telephone systems) for cat. 3.
LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e.
LANs up to 250MHz (e.g. Videoconference systems, CCTV) for cat. 6.
ACCESSORIES SUPPLIED: circuit identification label.

STRUCTURED WIRING CONNECTORS

GW30267



RJ45 CONNECTORS

Code	Description	No. pairs	Category	Cables type	Connection type	No. Playbus modules	Pack Carton
GW 30 265	RJ45 not shielded	4	3	UTP	Insulation puncture	1	1/24
GW 30 267	RJ45 not shielded	4	5e	UTP	Insulation puncture	1	1/24
GW 30 684	RJ45	4	6	UTP	Insulation puncture	1	1/12
GW 30 266	RJ45 shielded	4	5e	FTP	Insulation puncture	1	1/24

APPLICATIONS: LANs up to 16MHz (e.g. telephone systems) for cat. 3.
LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e.
ACCESSORIES SUPPLIED: circuit identification labels.

GW30285



UNWIRED ENCLOSURES PRE-FITTED FOR THE HOUSING OF RJ45 DATA CONNECTORS

Code	For connector type	code	Cables type	No. Playbus modules	Pack Carton
COMPATIBILITY: IBM					
GW 30 285	Shielded - Not Shielded		UTP / S-FTP	1	1/96
COMPATIBILITY: AVAYA					
GW 30 286	Not Shielded	M 100 range	UTP	1	1/96
COMPATIBILITY: AMP					
GW 30 287	Not Shielded	110 Connect range	UTP	1	1/96

GW30287: enclosure can also be used for RJ11 cat. 3 connector.
ACCESSORIES SUPPLIED: circuit identification labels.

CONVENTIONAL NETWORK CONNECTORS

GW30272



CONNECTORS FOR CONVENTIONAL NETWORKS

Code	Description	Cables type	Connection type	No. Playbus modules	Pack Carton
GW 30 272	BNC 50 Ohm	RG 58	To be crimped	1	1/12
GW 30 273	BNC 75/93 Ohm	RG 59 / 62	To be crimped	1	1/12
GW 30 275	SUD-D 9		To be soldered	2	1/12
GW 30 276	SUB-D 15		To be soldered	2	1/12
GW 30 277	SUB-D 25		To be soldered	2	1/12

CHARACTERISTICS: GW30272 BNC 50 Ohm (Ethernet networks); GW30273, BNC 75/93 Ohm (video control systems, terminal connection).
APPLICATIONS: GW30275, GW30276, GW30277, point-point connections. Interfacing of computers, peripherals, modem, etc.
ACCESSORIES SUPPLIED: circuit identification labels.

SOCKET-OUTLETS FOR AUXILIARY AND SIGNAL CIRCUITS

GW30291



SOCKET-OUTLET FOR SELV AUXILIARY CIRCUITS

Code	Description	For plug pins	Centre distance	No. Playbus modules	Pack Carton
GW 30 291	2P - 6A - 24V	Ø 3 mm	12.4 mm	1	12/24
GW 30 293	2P - 6A - 24V polarized	flat	12.4 mm	1	12/24

GW30292



SIGNAL SOCKET-OUTLET FOR SOUND CIRCUITS

Code	Description	No. Playbus modules	Pack Carton
GW 30 292	Five-pole EN 60130-9	1	12/24

PROTECTION

MINIATURE CIRCUIT BREAKERS

GW30371



MINIATURE CIRCUIT BREAKERS - CHARACTERISTIC C - 230V AC

Code	Description	Rated current (A)	Breaking capacity	No. Playbus modules	Pack Carton
GW 30 371	Single pole (1P)	6	3 kA	1	1/12
GW 30 372	Single pole (1P)	10	3 kA	1	1/12
GW 30 373	Single pole (1P)	16	3 kA	1	1/12
GW 30 374	Two-pole (1P+N)	6	3 kA	1	1/12
GW 30 375	Two-pole (1P+N)	10	3 kA	1	1/12
GW 30 376	Two-pole (1P+N)	16	3 kA	1	1/12

GW30385



RESIDUAL CURRENT MINIATURE CIRCUIT BREAKERS - CHARACTERISTIC C - CLASS A - 230V AC

Code	Description	Idn	Rated current (A)	Breaking capacity	No. Playbus modules	Pack Carton
GW 30 385	Two-pole (1P+N)	6 mA	6	3 kA	2	1/6
GW 30 386	Two-pole (1P+N)	6 mA	10	3 kA	2	1/6
GW 30 387	Two-pole (1P+N)	6 mA	16	3 kA	2	1/6
GW 30 377	Two-pole (1P+N)	10 mA	6	3 kA	2	1/6
GW 30 378	Two-pole (1P+N)	10 mA	10	3 kA	2	1/6
GW 30 379	Two-pole (1P+N)	10 mA	16	3 kA	2	1/6
GW 30 388	Two-pole (1P+N)	30 mA	6	3 kA	2	1/6
GW 30 389	Two-pole (1P+N)	30 mA	10	3 kA	2	1/6
GW 30 390	Two-pole (1P+N)	30 mA	16	3 kA	2	1/6

GW30394



RED MINIATURE CIRCUIT BREAKERS FOR DEDICATED CIRCUITS - CHARACTERISTIC C - 230V AC

Code	Description	Rated current (A)	Breaking capacity	No. Playbus modules	Pack Carton
GW 30 394	Two-pole (1P+N)	6	3 kA	1	1/12
GW 30 395	Two-pole (1P+N)	10	3 kA	1	1/12
GW 30 396	Two-pole (1P+N)	16	3 kA	1	1/12

PROTECTION DEVICES

GW30360



FUSE-HOLDER - 250V AC

Code	Rated current (A)	Fuse type	No. Playbus modules	Pack Carton
GW 30 360	16	Ø 6.3 x 32 mm	1	24/48

GW30361



OVER VOLTAGE LIMITING DEVICE WITH INTERVENTION INDICATION - 250V AC

Code	Max. dischargeable energy	Maximum discharge current	No. Playbus modules	Pack Carton
GW 30 361	75 J	8 kA (8/20 µs)	1	1/12

APPLICATIONS: protection of electronic equipment (TV - HI-FI - computers, etc.) from overvoltage of atmospheric or manoeuvring origin that may be conveyed by the supply lines.

SIGNALLING

ANTI-BLACK-OUT AND EMERGENCY LAMPS

GW30501



EXTRACTABLE EMERGENCY LAMP - 230V - 50/60HZ

Code	Power supply batteries	Autonomy	Lenticular bulb	No. Playbus modules	Pack Carton
POWER SUPPLY VOLTAGE: 230V - 50/60 Hz					
GW 30 501	Ni-Cd	2 h	2.2V - 0.25A	2	1/6

CHARACTERISTICS: fitted with inhibition selector on front.

GW30506



AUTONOMOUS NON-MAINTAINED NM EMERGENCY LIGHTING LUMINAIRE - 230V - 50/60HZ FITTED WITH SELF-SUPPORTING SUPPORT FOR 6-GANG PLATE

Code	Lamp power	Lamp	Lamp holder	Power supply batteries	Autonomy	No. Playbus modules	Pack Carton
GW 30 506	4 W	FD	G5	Ni-Cd	1 h	6	1/2

Supplied without front plate (to be chosen from the 6 gang plates of the PLAYBUS and PLAYBUS YOUNG ranges).

CHARACTERISTICS: equipped with inhibition push-button.

APPLICATIONS: installation on 6 gang flush-mounting rectangular box with a centre distance of 100mm (GW24406, GW24246).

ACCESSORIES SUPPLIED: fluorescent lamp.

LUMINOUS SIGNALLING DEVICES

GW30611



INDICATOR LAMPS - 12/24/250V AC

Code	Diffuser colour	Diffuser meaning	Diffusor type	Fixing for lamp type	No. Playbus modules	Pack Carton
TYPE: SINGLE LAMPS						
GW 30 611	Red	Danger	Flat	Cartridge	1	24/48
GW 30 612	Green	Safety	Flat	Cartridge	1	24/48
GW 30 613	Amber	Attention	Flat	Cartridge	1	24/48
GW 30 614	Transparent	Neutral	Flat	Cartridge	1	24/48
GW 30 615	Blue	Specific	Flat	Cartridge	1	24/48
TYPE: DOUBLE LAMPS						
GW 30 616	Red/green		Flat	Miniature	1	24/48

Supplied without lamp. Use cartridge lamps of the S6x31mm and S6.3x28mm type (max 2W).

CHARACTERISTICS: any combination of illuminated diffusers module 25 x 22.5mm can be applied to the indicator lamps, in place of the red and green diffusers.

The meaning of the diffusers refers to the recommendations of Standard EN60073 (IEC 16-3) with regard to the use of colours in indicator lights.

GW30605



STAIR RISER LAMP WITH ADJUSTABLE BEAM OF LIGHT - 12/24V

Code	Diffuser colour	Diffusor type	Fixing for lamp type	No. Playbus modules	Pack Carton
GW 30 601	Opal	Directional projecting	Cartridge	3	8/16
GW 30 602	Red	Directional projecting	Cartridge	3	8/16
GW 30 603	Green	Directional projecting	Cartridge	3	8/16
GW 30 604	Amber	Directional projecting	Cartridge	3	8/16
GW 30 605	Blue	Directional projecting	Cartridge	3	8/16

Supplied without lamp. Use cartridge lamps of the S6x36mm type (max 2W).

CHARACTERISTICS: the special adjustable eyelid shield allows you to direct the light downwards, for use as a stair riser lamp, or to make use of the entire diffuser as an indicator lamp.

ACOUSTIC SIGNALLING DEVICES

GW30632



COMBINED ELECTRONIC BELL/BUZZER

Code	Supply voltage	Max power input	Bell	Buzzer	No. Playbus modules	Pack Carton
GW 30 631	12V ac - 50/60 Hz	2 VA	70 dB at 1 m	75 dB at 1 m	2	1/6
GW 30 632	230V ac - 50/60 Hz	2 VA	70 dB at 1 m	75 dB at 1 m	2	1/6

CHARACTERISTICS: note sequence of three-tone bell: E-F-G.

APPLICATIONS: with a single device, it is possible to combine the functions of external and internal calls.

GW30634



BELLS

Code	Supply voltage	Max power input	Loudness	No. Playbus modules	Pack Carton
GW 30 633	12V ac - 50 Hz	8 VA	80 dB (at 1 m)	1	12/24
GW 30 634	230V ac - 50 Hz	8 VA	80 dB (at 1 m)	1	12/24

PLAYBUS RANGE

FLUSH-MOUNTING DOMESTIC RANGE

GW30636



BUZZERS					
Code	Supply voltage	Max power input	Loudness	No. Playbus modules	Pack Carton
GW 30 635	12V ac - 50 Hz	8 VA	70 dB (at 1 m)	1	12/24
GW 30 636	230V ac - 50 Hz	8 VA	70 dB (at 1 m)	1	12/24

ENERGY, TEMPERATURE AND COMFORT MANAGEMENT

LIGHT AND USER ADJUSTMENT AND CONTROL DEVICES

GW30413



ELECTRONIC DAILY/WEEKLY TIMER, 1-CHANNEL				
Code	Power supply voltage	Output contacts	No. Playbus modules	Pack Carton
GW 30 413	230V ac - 50/60 Hz	1NO/NC 8A(AC1)/4A(AC15)250V ac	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a blackout. Serial input for connecting the GSM remote control GW90821.

GW30412



ELECTRONIC TIMED BUTTON WITH INPUT FOR REMOTE CONTROL 230V - 50/60HZ				
Code	Regulation field	Relay output	No. Playbus modules	Pack Carton
GW 30 412	30 s - 15 min	1NO 10A(AC1)/5A(AC15) 250V ac	2	2/4

DIMMER

GW30402



ELECTRONIC REGULATORS FOR RESISTIVE LOADS					
Code	Resistive load 230V ac	Resistive load 110V ac	Control	No. Playbus modules	Pack Carton
GW 30 402	100-500 W	50-250 W	Rotary	1	1/12

Frequency 50/60Hz.

NOTES: the installation of more than one product side by side in a single container is not recommended. To avoid overheating, insert a blanking module between two electronic devices.

PLAYBUS RANGE

GW30403



ELECTRONIC REGULATORS FOR RESISTIVE AND INDUCTIVE LOADS							
Code	Resistive load 230V ac	110V ac	Inductive load 230V ac	110V ac	Control	No. Playbus modules	Pack Carton
GW 30 403	100-900 W	100-500 W	40-300 VA	20-150 VA	Rotary	1	1/12
GW 30 404	40-300 W	20-150 W	40-300 VA	20-150 VA	Rotary with two-way switch	1	1/12

Frequency 50/60Hz.

GW30403Item intended exclusively for exportation to non-EU countries.

NOTES: the installation of more than one product side by side in a single container is not recommended. To avoid overheating, insert a blanking module between two electronic devices.

GW30409



ELECTRONIC REGULATORS - FOR AIR AGITATORS				
Code	Load 230V ac	Control	No. Playbus modules	Pack Carton
GW 30 409	55-80 VA	Push-button	1	1/12

GW30401



ELECTRONIC REGULATOR - FOR RESISTIVE AND INDUCTIVE LOADS					
Code	Resistive load 230V ac	Inductive load 230V ac	Control	No. Playbus modules	Pack Carton
GW 30 401	60-500 W	60-500 VA	Push-button	2	1/6

Frequency 50/60Hz.

ACCESSORIES SUPPLIED: quick fuse 5x20mm - 2.5A.

NOTES: the installation of more than one product side by side in a single container is not recommended. To avoid overheating, insert a blanking module between two electronic devices.

①=June 2010

GW30407



ELECTRONIC REGULATORS FOR RESISTIVE-INDUCTIVE LOADS AND ELECTRONIC LOW VOLTAGE HALOGEN LAMPS

Code	Resistive load 230V ac	Inductive load 230V ac	Control	No. Playbus modules	Pack Carton
GW 30 407	25-180 W	25-180 VA	Push-button	1	1/12
GW 30 406	25-300 W	25-300 VA	Push-button	2	1/6

Frequency 50Hz.

CHARACTERISTICS: self-protected against overloading and short-circuiting.

NOTES: the installation of more than one product side by side in a single container is not recommended.

To avoid overheating, insert a blanking module between two electronic devices.

TEMPERATURE CONTROL DEVICES

GW30701



ELECTRONIC SUMMER/WINTER TIMED THERMOSTAT WITH DAILY AND WEEKLY PROGRAMMING 230V - 50HZ

Code	Temperature adjustment	Output contacts	No. Playbus modules	Pack Carton
GW 30 701	From +5°C to +40°C	1NO 5A(AC1)/2A (AC15) 250V ac	3	1/2

CHARACTERISTICS: with buffer battery (30 days reserve charge). Input for 1 external probe GW30703 available as accessory, to display the temperature of another environment or as alternative to the built-in sensor.

GW30706



TIMED THERMOSTAT - DAILY/WEEKLY PROGRAMMING

Code	Supply voltage	Temperature adjustment	Output contacts	No. Playbus modules	Pack Carton
GW 30 706	230V ac - 50/60Hz	From +5°C to +40°C	1NO/NC 5A(AC1)/2A(AC15)250V ac	2	1/2

CHARACTERISTICS: with rechargeable buffer battery to guarantee the updating of the calendar (date, day, time) in the event of a lack of voltage.

Serial input for connecting the GSM remote control GW90821.

GW30702



ELECTRONIC SUMMER/WINTER THERMOSTAT WITH INPUT FOR REMOTE CONTROL OF NIGHT-TIME REDUCTION 230V - 50/60HZ

Code	Temperature adjustment	Output contacts	No. Playbus modules	Pack Carton
GW 30 702	From +5°C to +40°C	1NO 5A(AC1)/2A (AC15) 250V ac	3	2/4

CHARACTERISTICS: with buffer battery (30 days reserve charge). Input for 1 external probe GW30703 available as accessory, to display the temperature of another environment.

GW30703



PROBE TO MEASURE INTERNAL/EXTERNAL TEMPERATURE

Code	Suited for	Outer dim. LxHxD (mm)	Cable length	Pack Carton
GW 30 703	GW20808 GW21808 GW30701 GW30702	39 x 23 x 14	10 m	2/12

CHARACTERISTICS: cable extendable up to max 50m (min section 2x0.35mm²).

APPLICATIONS: can be used in bedrooms, bathrooms, kitchens, as a supplementary indoor probe, or outside the home.

ACCESSORIES SUPPLIED: expandable wall plug with screws and double-sided adhesive for wall or smooth surfaces mounting (or on a blanking module).

SPEAKER SYSTEM KIT

GW30820



STANDARD SPEAKER SYSTEM KIT

Code	Description	Pack Carton
GW 30 820	Standard speaker system kit	1

COMPOSITION KIT: 1 Pre-amplifier GW30811; 1 FM Tuner GW30812; 2 Local Selectors GW30821; 1 Power Supply Unit GW30810; 2 two-way Speakers GW30826; 2 compact Speakers GW30827; 1 mono Lead GW30836; Supplied without system connection cables.

CHARACTERISTICS: the kit allows the making of a basic centralized system, complete with FM tuner.

It is designed for the amplification of 2 monophonic programmes (P1 = external source HI FI, P2 = FM radio) in two different rooms in each of which, using the local selector, it is possible to change the programme and adjust the listening volume.

The kit includes a pair of high-output speakers (e.g. for the bedroom) and a pair of compact speakers (e.g. for the bathroom/kitchen).

The kit can be expanded to meet different needs by using the PLAYBUS speaker system components.

GW30811



PRE-AMPLIFIER WITH TWO INPUTS WITH CENTRAL CONTROL OF THE SYSTEM - 24V DC

Code	No.frontal audio inputs	Frontal audio inputs	Bandwidth	Current consumption	No. Playbus modules	Pack Carton
GW 30 811	2	RCA connector	50 - 20000 Hz	45 mA	3	1/2

CHARACTERISTICS: allows the speaker system to be connected to 2 monophonic audio sources or to 1 stereophonic source.



GW30812

FM TUNER WITH 9 MEMORISABLE CHANNELS - 24V DC

Code	Frequency modulation	Current consumption	No. Playbus modules	Pack Carton
GW 30 812	87.5 - 108 MHz	100 mA	3	1

CHARACTERISTICS: radio alarm function (only active in a standard system).

APPLICATIONS: in standard systems, connected directly to speakers GW30826/GW30827, it operates as an FM stereo/mono radio.

Combined with the preamplifier GW30811, it can be used as an audio monaural source.

For excellent reception, the use of an external antenna is recommended; the tuner has a special input for this connection on the rear terminal block.



GW30814

AUXILIARY MOMENTARY RELAY FOR REMOTE CONTROL OF AUDIO SOURCE WITH INDICATOR LIGHT

Code	Relay output	Coil	Current consumption	No. Playbus modules	Pack Carton
GW 30 814	1NO 5A(AC1)/2A (AC15) 250V ac	24V dc	20 mA	1	1/6

APPLICATIONS: allows the de-activation of the audio source when all local system selectors GW30821 are in OFF or STAND-BY status.



GW30821

LOCAL SELECTOR TO ACTIVATE THE SYSTEM, SELECT PROGRAMME AND ADJUST VOLUME - 24V DC

Code	Selectable programmes	Current consumption	No. Playbus modules	Pack Carton
GW 30 821	2	70 mA	2	1/2

2 monaural programs or 1 stereophonic program, depending on the system solution adopted.

CHARACTERISTICS: display visualisation of program selected and volume level.

APPLICATIONS: to be connected to the pre-amplifier GW30811 and the speakers GW30826 - GW30827.



GW30826

AMPLIFIED HIGH-PERFORMANCE 2-WAY SPEAKER, EQUIPPED WITH SELF-SUPPORTING SUPPORT FOR FLUSH/WALL-MOUNTING 8-GANG BOX - 24V DC

Code	Power	Max. current consumption	No. Playbus modules	Pack Carton
GW 30 826	10 W	250 mA	8	1/4

Supplied without front plate.

CHARACTERISTICS: frequency range: 20Hz - 20,000Hz.

APPLICATIONS: flush-mounting on 8-gang box GW24237. Wall mounting on 8-gang box GW32437-GW32436.

To be connected to the local selector GW30821 in centralised systems, or to the tuner GW30812 in standard systems.



GW30827

COMPACT AMPLIFIED HIGH-PERFORMANCE 2-WAY SPEAKER, EQUIPPED WITH SELF-SUPPORTING SUPPORT FOR FLUSH/WALL-MOUNTING 3-GANG BOX - 24V DC

Code	Power	Max. current consumption	No. Playbus modules	Pack Carton
GW 30 827	6 W	125 mA	3	1/4

Supplied without front plate.

CHARACTERISTICS: frequency range: 50Hz - 18,000Hz.

APPLICATIONS: flush-mounting on 3-gang box GW24204-GW24303-GW24203. Wall mounting on 3-gang box GW32432-GW32431.

Suitable for use in damp environments (bathrooms, kitchens, etc.).

To be connected to the local selector GW30821 in centralised systems, or to the tuner GW30812 in standard systems.



GW30831

INTERCOM MODULE WITH MICROPHONE BUILT IN FOR PAGING - 24V DC

Code	Intercom activation	Current consumption	No. Playbus modules	Pack Carton
GW 30 831	Push-button	20 mA	1	1/2

APPLICATIONS: for connection to local selector GW30821. Operation with minimum of 2 local selectors GW30821.



GW30810

SELF-PROTECTED ELECTRONIC POWER SUPPLY - 230V - 50/60HZ - DIN RAIL MOUNTING

Code	Maximum power	Output	No. DIN modules	Pack Carton
GW 30 810	40 VA	24V dc - 1,5 A	6	1/2

CHARACTERISTICS: the number of power supply, must be calculated according to the number and the type of devices used into electrical system.



GW30836

SPECIAL SHIELDED LEADS FOR EXTERNAL AUDIO SOURCE CONNECTION

Code	Suitable for	No. plug pins	Plug pins type	Cable length	Pack Carton
GW 30 836	Mono system Stereo source type	5	RCA	2 m	1/12
GW 30 837	Stereo system Stereo source type	6	RCA	2 m	1/12

APPLICATIONS: to be used to connect the external audio sources to the pre-amplifier GW30811.

SAFETY

TECHNICAL ALARMS

GW30520



LPG DETECTOR

Code	Power supply voltage	Alarm threshold	Output contacts	No. PLAYBUS modules	Pack Carton
GW 30 520	12V ac/dc	9% LIE	1NO/NC 10A(NO)/3A(NC)250V ac	2	1/2

CHARACTERISTICS: relay output for the automatic command of the gas interception solenoid valve with manual reset GW30522.
Sound intensity: 85 dB at 1m.

NOTES: owing to the particular thermal sensitivity of the LPG sensor, you are advised to keep the LPG detector far from the power supply GW30518 with a 1-module blanking module GW30901.

GW30519



METHANE GAS DETECTOR

Code	Power supply voltage	Alarm threshold	Output contacts	No. PLAYBUS modules	Pack Carton
GW 30 519	12V ac/dc	9% LIE	1NO/NC 10A(NO)/3A(NC)250V ac	2	1/2

CHARACTERISTICS: relay output for the automatic command of the gas interception solenoid valve with manual reset GW30522.
Sound intensity: 85 dB at 1m.

GW30518



POWER SUPPLY

Code	Primary voltage	Secondary output	Rated power supplyable	No. PLAYBUS modules	Pack Carton
GW 30 518	230V ac - 50/60 Hz	12V dc	2 VA	1	1/4

APPLICATIONS: to be used for powering the detectors GW30520 and GW30519.

GW30522



SOLENOID VALVE, FOR GAS SYSTEM WITH MANUAL RESET, NORMALLY OPEN - 230V - 50HZ

Code	Delivery Ø	Material	Power input	Pack Carton
GW 30 522	3/4"	Brass	12 VA	1/2

GW30514



ELECTRONIC SMOKE DETECTOR EQUIPPED WITH AUDIO/VISUAL SIGNALLING, RELAY OUTPUT - 230V - 50HZ

Code	Tripping threshold	Relay output	No. Playbus modules	Pack Carton
GW 30 514	White fumes	1 change-over contact NO/NC 10A (AC1)/5A (AC15) 250V ac	3	1/2

CHARACTERISTICS: Relay output (e.g. for automatic control of extraction/firefighting signalling system).

Output for GW30521 signal repeater. Sound intensity: 70 dB at 1m.

APPLICATIONS: do not use in fire-prevention installation areas.

GW30515



ELECTRONIC WATER (H²O) DETECTOR EQUIPPED WITH AUDIO/VISUAL SIGNALLING, RELAY OUTPUT 230V - 50/60HZ

Code	Sensitivity	Relay output	No. Playbus modules	Pack Carton
GW 30 515	Direct contact with water	1NO 8A (AC1)/4A (AC15) 250V ac	3	1/2
GW 30 516	Sensor H2O	Cable 5 m - dim. 72x40x15 mm		2/4

CHARACTERISTICS: GW30515, max 1 H²O sensor can be connected. Relay output for automatic closure of the H²O interception solenoid valve.

Output for GW30521 signal repeater. Sound intensity: 70 dB at 1m GW30516, cable extendable up to max 40m (using a cable of 2x0.5mm²).

ACCESSORIES SUPPLIED: GW30516, expandable plug with screw and double-sided adhesive for fixing to wall or smooth surfaces.

SPECIAL APPLICATIONS

COMPONENTS FOR HOTEL SYSTEMS

GW30430



UNIVERSAL BADGE SWITCH WITH LOCATION LIGHT - 250V AC

Code	Description	For badge card max. width	Type	No. Playbus modules	Pack Carton
GW 30 430	1P NO - 10A	54 mm	Luminous 230V ac	3	1/2

Supplied without badge.

APPLICATIONS: activation of users and services inside hotel rooms (e.g. lights, air-conditioner, minibar) when the room is occupied (with badge inserted).

GW30711



EUROPEAN/AMERICAN STANDARD SHAVER SOCKET WITH INSULATION TRANSFORMER - 230V - 50/60HZ

Code	Description	For plug pins	Selectable output voltage	Maximum power	No. Playbus modules	Pack Carton
GW 30 711	2P	Ø 4 - 6.3x1.5 mm	120 - 230V ac	20 VA	3	2/4

CHARACTERISTICS: the socket-outlet is equipped with a self-protection device against overloading.

The output voltage must be properly selected in accordance with what is shown on the data plate of the user device before plugging it in.

The relevant indicator LED allows the chosen voltage to be clearly seen.

GW30726



LAMP WITH FLEXIBLE ARM FOR NIGHT READING - 230V - 50/60 HZ

Code	Lamp	Lamp power	Lamp voltage	Lamp holder	No. Playbus modules	Pack Carton
GW 30 726	Halogen	5 W	12V SELV	G4	3	1/2

CHARACTERISTICS: arm length 400mm.

APPLICATIONS: wall mounting for night-time reading; wall mounting for accent lighting; in console GW32411, as a desk / table lamp.

ACCESSORIES SUPPLIED: supplied complete with lamp.

GW30938



HALOGEN LAMP FOR LAMP WITH FLEXIBLE ARM FOR NIGHT READING - GW30726

Code	Lamp voltage	Lamp power	Lamp holder	Pack Carton
GW 30 938	12 V	5 W	G4	50

ACCESSORIES

SPARE PARTS AND ACCESSORIES



MINIATURE LAMPS WITH QUICK COUPLING TERMINALS

Code	Lamp voltage	Lamp power	Lamp	Light emitted	Pack Carton
GW 30 943	230V ac	0.4 W	Fluorescent	Red	50
GW 30 944	230V ac	0.4 W	Fluorescent	Green	50
GW 30 946	110 / 230V ac	1 W	Led	Light blue	50
GW 30 947	110 / 230V ac	1 W	Led	White	50
GW 10 893	12-24V ac/dc	0.6 W	Led	White	50

APPLICATIONS: miniature lamps are mounted on all control devices fitted for luminous signalling.

GW20902



CARTRIDGE LAMPS

Code	Dimensions (mm)	Lamp voltage	Lamp power	Lamp	Light emitted	Pack Carton
GW 20 902	S6x36	12V ac/dc	2 W	Incandescence	White	50
GW 20 903	S6x36	24V ac/dc	2 W	Incandescence	White	50
GW 20 904	S6x31	12V ac/dc	2 W	Incandescence	White	50
GW 20 905	S6x31	24V ac/dc	2 W	Incandescence	White	50
GW 20 906	S6.3x28	110 / 230V ac	0.4 W	Fluorescent	Red	50
GW 20 908	S6.3x28	110 / 230V ac	0.4 W	Fluorescent	Green	50

The cartridge lamps are mounted on the stair riser, on the single lamps and push-buttons with name-plate.

GW20911



MINIATURE FUSE - 250V AC

Code	Rated current (A)	Rated voltage	Pack Carton
DIMENSIONS (MM): Ø 5 x 20			
GW 20 911	2.5	250 V	20/200
DIMENSIONS (MM): Ø 6.3 x 32			
GW 20 921	2	250 V	10/200
GW 20 922	4	250 V	10/200
GW 20 923	6	250 V	10/200
GW 20 924	10	250 V	10/200
GW 20 925	16	250 V	10/200

GW30912










SET OF 2 KEYS FOR PLAYBUS / SYSTEM COMMAND DEVICES

Code	Suitable for	Pack Carton
GW 20 901	GW20005 GW20008 GW30007 GW30014 GW21005 GW21008	1/100
GW 30 912	GW30032 GW20530 GW21530	1/100

PLAYBUS YOUNG PLATES

TECHNOPOLYMER PLATES, PASTEL COLOUR, SATIN FINISH

Code	Description	For support codes	Pack
			Carton
CLOUD WHITE PLATES			
GW32243			
GW 32 241	1 gang	GW32401 GW32403	96
GW 32 242	2 gang	GW32402	12
GW 32 243	3 gang	GW32403	96
GW 32 244	4 gang	GW32404	12
GW 32 246	6 gang	GW32406	8
TONER BLACK PLATES			
GW32303			
GW 32 301	1 gang	GW32401 GW32403	96
GW 32 302	2 gang	GW32402	12
GW 32 303	3 gang	GW32403	96
GW 32 304	4 gang	GW32404	12
GW 32 306	6 gang	GW32406	8
GERANIUM RED PLATES			
GW32343			
GW 32 341	1 gang	GW32401 GW32403	24
GW 32 342	2 gang	GW32402	12
GW 32 343	3 gang	GW32403	24
GW 32 344	4 gang	GW32404	12
GW 32 346	6 gang	GW32406	8
CLASSIC BURGUNDY PLATES			
GW32373			
GW 32 371	1 gang	GW32401 GW32403	24
GW 32 372	2 gang	GW32402	12
GW 32 373	3 gang	GW32403	24
GW 32 374	4 gang	GW32404	12
GW 32 376	6 gang	GW32406	8
VENETIAN GREEN PLATES			
GW32353			
GW 32 351	1 gang	GW32401 GW32403	24
GW 32 352	2 gang	GW32402	12
GW 32 353	3 gang	GW32403	24
GW 32 354	4 gang	GW32404	12
GW 32 356	6 gang	GW32406	8
RACING GREEN PLATES			
GW32383			
GW 32 381	1 gang	GW32401 GW32403	24
GW 32 382	2 gang	GW32402	12
GW 32 383	3 gang	GW32403	24
GW 32 384	4 gang	GW32404	12
GW 32 386	6 gang	GW32406	8
SKY BLUE PLATES			
GW32393			
GW 32 391	1 gang	GW32401 GW32403	24
GW 32 392	2 gang	GW32402	12
GW 32 393	3 gang	GW32403	24
GW 32 394	4 gang	GW32404	12
GW 32 396	6 gang	GW32406	8

GW32233



JAZZ BLUE PLATES

Code	Description	For support codes	Pack Carton
GW 32 231	1 gang	GW32401 GW32403	24
GW 32 232	2 gang	GW32402	12
GW 32 233	3 gang	GW32403	24
GW 32 234	4 gang	GW32404	12
GW 32 236	6 gang	GW32406	8

GW32323



CORN YELLOW PLATES

Code	Description	For support codes	Pack Carton
GW 32 321	1 gang	GW32401 GW32403	24
GW 32 322	2 gang	GW32402	12
GW 32 323	3 gang	GW32403	24
GW 32 324	4 gang	GW32404	12
GW 32 326	6 gang	GW32406	8

TECHNOPOLYMER PLATES, METALLIC COLOUR, SATIN FINISH

GW32703



METALLIC TITANIUM PLATES

Code	Description	For support codes	Pack Carton
GW 32 701	1 gang	GW32401 GW32403	12
GW 32 702	2 gang	GW32402	12
GW 32 703	3 gang	GW32403	12
GW 32 704	4 gang	GW32404	12
GW 32 706	6 gang	GW32406	8

GW32713



METALLIC SLATE PLATES

Code	Description	For support codes	Pack Carton
GW 32 711	1 gang	GW32401 GW32403	12
GW 32 712	2 gang	GW32402	12
GW 32 713	3 gang	GW32403	12
GW 32 714	4 gang	GW32404	12
GW 32 716	6 gang	GW32406	8

TECHNOPOLYMER PLATES, CLASSIC COLOUR

GW32773



ENGLISH WALNUT PLATES

Code	Description	For support codes	Pack Carton
GW 32 771	1 gang	GW32401 GW32403	12
GW 32 772	2 gang	GW32402	12
GW 32 773	3 gang	GW32403	12
GW 32 774	4 gang	GW32404	12
GW 32 776	6 gang	GW32406	8

GW32753



SOFT CHROME PLATES, SATIN FINISH

Code	Description	For support codes	Pack Carton
GW 32 751	1 gang	GW32401 GW32403	12
GW 32 752	2 gang	GW32402	12
GW 32 753	3 gang	GW32403	12
GW 32 754	4 gang	GW32404	12
GW 32 756	6 gang	GW32406	8

GW32763



ANTIQUÉ GOLD PLATES, SATIN FINISH

Code	Description	For support codes	Pack Carton
GW 32 761	1 gang	GW32401 GW32403	12
GW 32 762	2 gang	GW32402	12
GW 32 763	3 gang	GW32403	12
GW 32 764	4 gang	GW32404	12
GW 32 766	6 gang	GW32406	8

PLAYBUS PLATES

TECHNOPOLYMER PLATES, PASTEL COLOUR, GLOSSY FINISH

GW32023



CLOUD WHITE PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 32 021	1 gang		GW32401 GW32403	12/48
GW 32 022	2 gang		GW32402	12/48
GW 32 023	3 gang		GW32403	12/48
GW 32 024	4 gang		GW32404	12/24
GW 32 026	6 gang		GW32406	12/24
GW 32 027	8 gang	4+4 overlapping	GW32407	6/12
GW 32 028	12 gang	6+6 overlapping	GW32408	6/12
GW 32 029	18 gang	6+6+6 overlapping	GW32409	1/6

GW32053



TONER BLACK PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 32 051	1 gang		GW32401 GW32403	12/48
GW 32 052	2 gang		GW32402	12/48
GW 32 053	3 gang		GW32403	12/48
GW 32 054	4 gang		GW32404	12/24
GW 32 056	6 gang		GW32406	12/24
GW 32 057	8 gang	4+4 overlapping	GW32407	6/12

GW32523



GERANIUM RED PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 32 521	1 gang		GW32401 GW32403	12/48
GW 32 522	2 gang		GW32402	12/48
GW 32 523	3 gang		GW32403	12/48
GW 32 524	4 gang		GW32404	12/24
GW 32 526	6 gang		GW32406	12/24
GW 32 527	8 gang	4+4 overlapping	GW32407	6/12

GW32043



CLASSIC BURGUNDY PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 32 041	1 gang		GW32401 GW32403	12/48
GW 32 042	2 gang		GW32402	12/48
GW 32 043	3 gang		GW32403	12/48
GW 32 044	4 gang		GW32404	12/24
GW 32 046	6 gang		GW32406	12/24
GW 32 047	8 gang	4+4 overlapping	GW32407	6/12

GW32543



VENETIAN GREEN PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 32 541	1 gang		GW32401 GW32403	12/48
GW 32 542	2 gang		GW32402	12/48
GW 32 543	3 gang		GW32403	12/48
GW 32 544	4 gang		GW32404	12/24
GW 32 546	6 gang		GW32406	12/24
GW 32 547	8 gang	4+4 overlapping	GW32407	6/12

GW32553



RACING GREEN PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 32 551	1 gang		GW32401 GW32403	12/48
GW 32 552	2 gang		GW32402	12/48
GW 32 553	3 gang		GW32403	12/48
GW 32 554	4 gang		GW32404	12/24
GW 32 556	6 gang		GW32406	12/24
GW 32 557	8 gang	4+4 overlapping	GW32407	6/12

GW32563



SKY BLUE PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 32 561	1 gang		GW32401 GW32403	12/48
GW 32 562	2 gang		GW32402	12/48
GW 32 563	3 gang		GW32403	12/48
GW 32 564	4 gang		GW32404	12/24
GW 32 566	6 gang		GW32406	12/24
GW 32 567	8 gang	4+4 overlapping	GW32407	6/12

GW32573



JAZZ BLUE PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 32 571	1 gang		GW32401 GW32403	12/48
GW 32 572	2 gang		GW32402	12/48
GW 32 573	3 gang		GW32403	12/48
GW 32 574	4 gang		GW32404	12/24
GW 32 576	6 gang		GW32406	12/24
GW 32 577	8 gang	4+4 overlapping	GW32407	6/12

GW32583



CORN YELLOW PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 32 581	1 gang		GW32401 GW32403	12/48
GW 32 582	2 gang		GW32402	12/48
GW 32 583	3 gang		GW32403	12/48
GW 32 584	4 gang		GW32404	12/24
GW 32 586	6 gang		GW32406	12/24
GW 32 587	8 gang	4+4 overlapping	GW32407	6/12

PLATES IN TECHNOLYMER, METALLISED COLOUR WITH SCRATCHPROOF VITRIFIED ENAMELLING

GW32013



METALLIC TITANIUM PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 32 011	1 gang		GW32401 GW32403	12/48
GW 32 012	2 gang		GW32402	12/48
GW 32 013	3 gang		GW32403	12/48
GW 32 014	4 gang		GW32404	12/24
GW 32 016	6 gang		GW32406	12/24
GW 32 017	8 gang	4+4 overlapping	GW32407	6/12
GW 32 018	12 gang	6+6 overlapping	GW32408	6/12
GW 32 019	18 gang	6+6+6 overlapping	GW32409	1/6

GW32003



METALLIC SLATE PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 32 001	1 gang		GW32401 GW32403	12/48
GW 32 002	2 gang		GW32402	12/48
GW 32 003	3 gang		GW32403	12/48
GW 32 004	4 gang		GW32404	12/24
GW 32 006	6 gang		GW32406	12/24
GW 32 007	8 gang	4+4 overlapping	GW32407	6/12
GW 32 008	12 gang	6+6 overlapping	GW32408	6/12
GW 32 009	18 gang	6+6+6 overlapping	GW32409	1/6

PLAYBUS RANGE

FLUSH-MOUNTING DOMESTIC RANGE

TECHNOPOLYMER PLATES, CLASSIC COLOUR

GW32083



ENGLISH WALNUT PLATES

Code	Description	Configuration	For support codes	Pack Carton
GW 32 081	1 gang		GW32401 GW32403	12/48
GW 32 082	2 gang		GW32402	12/48
GW 32 083	3 gang		GW32403	12/48
GW 32 084	4 gang		GW32404	12/24
GW 32 086	6 gang		GW32406	12/24
GW 32 087	8 gang	4+4 overlapping	GW32407	6/12

GW32073



SOFT CHROME PLATES, GLOSSY FINISH

Code	Description	Configuration	For support codes	Pack Carton
GW 32 071	1 gang		GW32401 GW32403	12/48
GW 32 072	2 gang		GW32402	12/48
GW 32 073	3 gang		GW32403	12/48
GW 32 074	4 gang		GW32404	12/24
GW 32 076	6 gang		GW32406	12/24
GW 32 077	8 gang	4+4 overlapping	GW32407	6/12

GW32061



ANTIQUÉ GOLD PLATES, GLOSSY FINISH

Code	Description	Configuration	For support codes	Pack Carton
GW 32 061	1 gang		GW32401 GW32403	12/48
GW 32 062	2 gang		GW32402	12/48
GW 32 063	3 gang		GW32403	12/48
GW 32 064	4 gang		GW32404	12/24
GW 32 066	6 gang		GW32406	12/24
GW 32 067	8 gang	4+4 overlapping	GW32407	6/12

DOMESTIC RANGE PLATES CASE

GW32417



DOMESTIC RANGES PLATES CASE

Code	Description	Pack Carton
GW 32 417	Domestic range plate case	1/2

CONTENTS: 14 VIRNA range plates; 14 PLAYBUS YOUNG range plates; 14 TOP SYSTEM range plates; 14 ECO60 range plates; 1 combination with three PLAYBUS range devices; 1 combination with three SYSTEM range devices; 1 ECO60 range combination with white device; 1 ECO60 range combination with black device.

PLAYBUS RANGE

SPECIAL PLATES, ENCLOSURES AND SUPPORTS

WATERTIGHT PLATES

GW32461



SELF-SUPPORTING WATERTIGHT PLATES FOR INSTALLATION ON FLUSH-MOUNTING RECTANGULAR BOXES - IP55

Code	Description	Colour Plate	For flush mounting box	Pack Carton
GW 32 461	3 gang	Cloud white	GW24403 GW24207	1/60
GW 32 462	3 gang	Toner black	GW24403 GW24207	1/60
GW 32 466	4 gang	Cloud white	GW24404 GW24245	1/30
GW 32 467	4 gang	Toner black	GW24404 GW24245	1/30

PLATES FOR PROFILES

GW32121



PLATES FOR PROFILES AND PANELS COMPLETE WITH INSULATING BOX AND SUPPORTS

Code	Description	Colour Plate	Pack Carton
GW 32 123	1 gang	Cloud white	1/30
GW 32 122	1 gang	Metallic titanium	1/30
GW 32 121	1 gang	Metallic slate	1/30
GW 32 133	2 gang horizontal	Cloud white	1/30
GW 32 132	2 gang horizontal	Metallic titanium	1/30
GW 32 131	2 gang horizontal	Metallic slate	1/30

ACCESSORIES SUPPLIED: the insulating box is equipped with a tug-proof cable clamp device and a corrugated conduit clamp device.

TABLETOP AND WALL-MOUNTING CONSOLES

GW32411



SELF-SUPPORTING TABLETOP AND WALL-MOUNTING CONSOLES

Code	Description	Colour	Outer dim. LxHxD (mm)	Pack Carton
GW 32 411	4 gang	Black	140 x 110 x 80	2/24
GW 32 412	8 gang	Black	240 x 110 x 80	2/12

CHARACTERISTICS: the feet are made of soft, slip-proof rubber.

ACCESSORIES SUPPLIED: cable gland, safety cable clamp and housing for command identification labels.

WALL-MOUNTING BOXES

GW32431



WALL-MOUNTING BOXES

Code	Suitable for	Colour	Pack Carton
GW 32 431	1/2/3 gang PLAYBUS	Cloud white	3/60
GW 32 432	1/2/3 gang PLAYBUS	Toner black	3/60
GW 32 436	4+4 gang PLAYBUS	Cloud white	3/51
GW 32 437	4+4 gang PLAYBUS	Toner black	3/51

CHARACTERISTICS: fitted for fixing the earth terminal GW26407. Suitable for conduit Ø 16 - 20 mm.

NP40432



UNIVERSAL DEVICE BOXES FOR SUPPORTS/PLATES - ITALIAN STANDARD

Code	No. gangs	Configuration	Installable support./plates	Colour	Pack Carton
NP 40 432	3		Central axis 83.5 mm	White RAL 9010	10
NP 40 438	4		Central axis 108.5 mm	White RAL 9010	10
NP 40 444	12	6+6 overlapping	Central axis 163 mm	White RAL 9010	5
NP 40 434	3		Central axis 83.5 mm	Anthracite RAL 7021	10
NP 40 440	4		Central axis 108.5 mm	Anthracite RAL 7021	10
NP 40 446	12	6+6 overlapping	Central axis 163 mm	Anthracite RAL 7021	5

Suited for skirting and framing trunking.

CHARACTERISTICS: in combination with the relevant support allows the PLAYBUS/SYSTEM/CHORUS range of plates to be installed.

PLATES FOR LIFT/EMERGENCY

GW32450



SELF-SUPPORTING WIRED PLATES FOR LIFT/EMERGENCY WITH ILLUMINABLE BUTTON SWITCH, TRIANGLE KEY AND BREAKABLE GLASS - IP40

Code	Colour	Suitable for	For flush mounting box	For wall mounting boxes	Pack Carton
GW 32 450	White	Lift	GW24403	GW32431 GW32432	1/10
GW 32 451	Red	Emergency	GW24403	GW32431 GW32432	1/10

The articles are supplied with an 11mm button key already assembled, without a lamp. They use miniature lamps with wired lead.

The wired plate, code GW32450, satisfies the requirements of Presidential Decree 29/05/1963 No.1497 in relation to lifts and goods hoists for private use:

"Where there is no security personnel, the mains switch or the mains switch command must be on the ground floor, in an easily accessible position, in a glass case".

CHARACTERISTICS: contacts supplied 1 NO + 1 NC - 10A (AC1) / 6A (AC15) - 380V AC.

APPLICATIONS: the plates are suitable for the GW40422 security lock, available as an accessory.

ACCESSORIES SUPPLIED: accessory button key, 17mm high, to operate the contacts when glass is broken.

PLAYBUS RANGE

FLUSH-MOUNTING DOMESTIC RANGE

GW32453



SELF-SUPPORTING UNWIRED PLATES FOR EMERGENCY WITH TRIANGLE KEY AND BREAKABLE GLASS FITTED FOR MOUNTING MODULAR PLAYBUS DEVICES - IP40

Code	Colour	No. Playbus modules	For flush mounting box	For wall mounting boxes	Pack Carton
GW 32 452	White	2	GW24403	GW32431 GW32432	1/10
GW 32 453	Red	2	GW24403	GW32431 GW32432	1/10

APPLICATIONS: plates are fitted with GW40422 security lock, available as accessory.

GW42216



GLASS BREAKER WITH UNIVERSAL FIXING SUPPORT

Code	Colour	Support dimension (mm)	Pack Carton
GW 42 216	Toner black	70 x 60	1/10

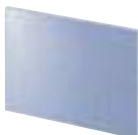
GW40422



CYLINDRICAL SECURITY LOCK

Code	Description	Pack Carton
GW 40 422	Security lock	1/10

GW32457



SPARE BREAKABLE GLASS FOR LIFT/EMERGENCY PLATES

Code	For plates	Pack Carton
GW 32 457	GW32450 GW32451 GW32452 GW32453	1/10

SUPPORTS

GW32403



BLUE INSULATING SUPPORTS FOR INSTALLATION OF PLAYBUS / PLAYBUS YOUNG PLATES ON RECTANGULAR BOXES

Code	Description	Configuration	Pack Carton
GW 32 403	3 gang		10/150
GW 32 404	4 gang		10/100
GW 32 406	6 gang		10/100
GW 32 407	8 gang	4+4 overlapping	5/50
GW 32 408	12 gang	6+6 overlapping	5/50
GW 32 409	18 gang	6+6+6 overlapping	5/25

GW32401



BLUE INSULATING SUPPORTS FOR INSTALLATION OF PLAYBUS / PLAYBUS YOUNG PLATES ON SQUARE/RECTANGULAR BOXES

Code	Description	Pack Carton
GW 32 401	1 gang	10/150
GW 32 402	2 gang	10/150

GW32421



SUPPORTS FOR MOUNTING PLAYBUS DEVICES ON DIN RAIL

Code	Description	No. DIN modules	Pack Carton
GW 32 421	1 gang	1,5	5/200
GW 32 422	2 gang	3	5/100
GW 32 423	3 gang	4,5	5/50

SPACER FOR PLAYBUS SUPPORTS

GW32413



INSULATING SPACER FOR PLAYBUS SUPPORTS - COLOUR GREY

Code	Description	Support	Height (mm)	Pack Carton
GW 32 413	3 gang	GW32403	3	10/100

The article is designed for applications with PLAYBUS 1-3 gang plates. For greater heights, 2 overlapping spacers can be used.

APPLICATIONS: typical use for walls with air gap in the naval sector.

①=June 2010

ECO 60 range

International domestic range

International domestic range with white button keys.

- Monobloc range for installation on round and square boxes.
- Groundbreaking clamp-fixing system.
- Possible integration with Playbus electronics thanks to co-ordination with the Playbus YOUNG range.
- 10 AX devices for the control of fluorescent loads.



COMMAND, POWER, TAKE-OFF AND SIGNAL - WHITE VERSION

ONE-WAY SWITCHES



GW 34 001 1P - 10AX - 250V ac General
 GW 34 002 1P - 10AX - 250V ac Illuminable
 GW 34 003 2P - 10AX - 250V ac General
 GW 34 004 2P - 10AX - 250V ac Illuminable

TWO-WAY SWITCHES



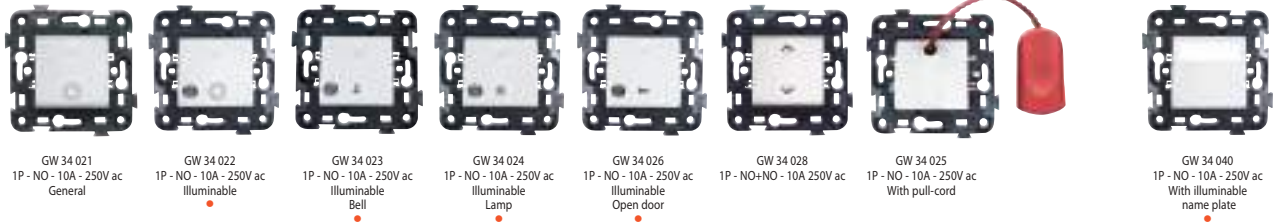
GW 34 011 1P - 10AX - 250V ac General
 GW 34 012 1P - 10AX - 250V ac Illuminable

REVERSING SWITCHES



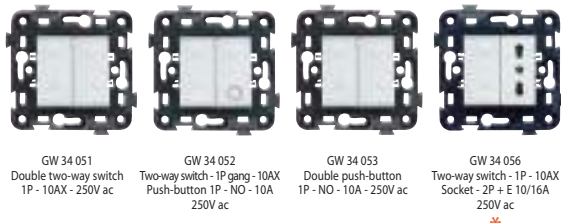
GW 34 015 1P - 10AX - 250V ac General

PUSH-BUTTONS



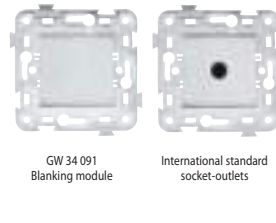
GW 34 021 1P - NO - 10A - 250V ac General
 GW 34 022 1P - NO - 10A - 250V ac Illuminable
 GW 34 023 1P - NO - 10A - 250V ac Illuminable Bell
 GW 34 024 1P - NO - 10A - 250V ac Illuminable Lamp
 GW 34 026 1P - NO - 10A - 250V ac Illuminable Open door
 GW 34 028 1P - NO+NO - 10A 250V ac
 GW 34 025 1P - NO - 10A - 250V ac With pull-cord
 GW 34 040 1P - NO - 10A - 250V ac With illuminable name plate

COMBINED DEVICES



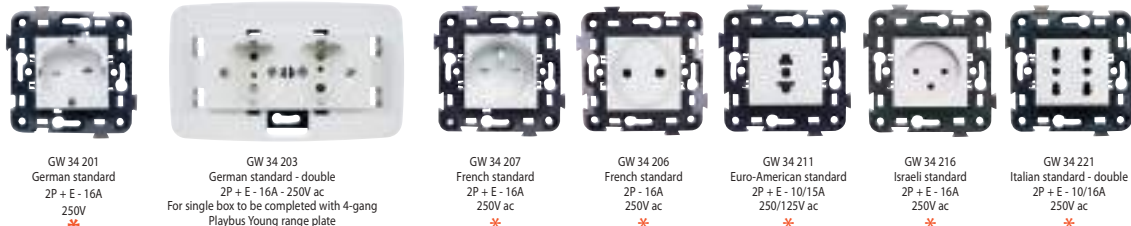
GW 34 051 Double two-way switch 1P - 10AX - 250V ac
 GW 34 052 Two-way switch - 1P gang - 10AX Push-button 1P - NO - 10A 250V ac
 GW 34 053 Double push-button 1P - NO - 10A - 250V ac
 GW 34 056 Two-way switch - 1P - 10AX Socket - 2P + E 10/16A 250V ac *

BLANKING MODULE AND OUTLET



GW 34 091 Blanking module
 International standard socket-outlets

INTERNATIONAL STANDARD SOCKET-OUTLETS



GW 34 201 German standard 2P + E - 16A 250V ac *
 GW 34 203 German standard - double 2P + E - 16A - 250V ac For single box to be completed with 4-gang Playbus Young range plate
 GW 34 207 French standard 2P + E - 16A 250V ac *
 GW 34 206 French standard 2P - 16A 250V ac *
 GW 34 211 Euro-American standard 2P + E - 10/15A 250/125V ac *
 GW 34 216 Israeli standard 2P + E - 16A 250V ac *
 GW 34 221 Italian standard - double 2P + E - 10/16A 250V ac *

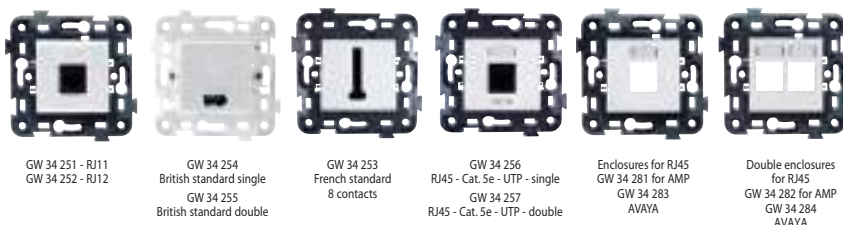
TV SOCKETS



GW 34 261 - 0 dB
 GW 34 241 - 0 dB
 GW 34 246 - 0 dB
 GW 34 275 - 0 dB
 GW 34 276 - 14 dB
 GW 34 277 - 10 dB Term
 TV male IEC Ø 9.5mm - R female IEC Ø 9.5mm TV-R (5 = 862 MHz)
 GW 34 271 Support for combined TV-R socket-outlets
 GW 34 272 Support for combined TV-SAT-R socket-outlets

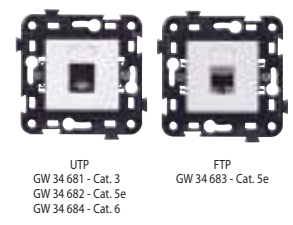
ECO 60 RANGE

TELEPHONE AND DATA CONNECTORS



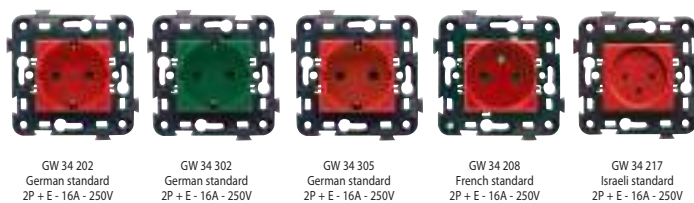
GW 34 251 - RJ11
 GW 34 252 - RJ12
 GW 34 254 British standard single
 GW 34 255 British standard double
 GW 34 253 French standard 8 contacts
 GW 34 256 RJ45 - Cat. 5e - UTP - single
 GW 34 257 RJ45 - Cat. 5e - UTP - double
 Enclosures for RJ45
 GW 34 281 for AMP
 GW 34 283 AWAYA
 Double enclosures for RJ45
 GW 34 282 for AMP
 GW 34 284 AWAYA

CONNECTOR RJ12-RJ45 TOOLLESS



UTP
 GW 34 681 - Cat. 3
 GW 34 682 - Cat. 5e
 GW 34 684 - Cat. 6
 FTP
 GW 34 683 - Cat. 5e

INTERNATIONAL SOCKET-OUTLETS FOR DEDICATED LINES



GW 34 202 German standard 2P + E - 16A - 250V *
 GW 34 302 German standard 2P + E - 16A - 250V *
 GW 34 305 German standard 2P + E - 16A - 250V *
 GW 34 208 French standard 2P + E - 16A - 250V *
 GW 34 217 Israeli standard 2P + E - 16A - 250V *

LOUDSPEAKER SOCKET



GW 34 299 Type DIN 41529

* = Supplied without lamp. They use miniature lamps.
 * = With high-performance expansion clip system - Gewiss patent.

POWER AND COMFORT MANAGEMENT - WHITE VERSION

DIMMER FOR RESISTIVE AND INDUCTIVE LOADS



GW 34 401
Only for resistive loads
230V ac - 100/500W
110V ac - 50/250W

GW 34 403
230V ac - 40/300W



GW 34 404
With two-way switch
230V ac - 40/300W
110V ac - 20/150W



GW 34 405
With push-button
230V ac - 60/500W
110V ac - 30/250W

ANTI BLACK-OUT LAMP



GW 34 461
230V ac - 50/60Hz

BELL



GW 34 451
230V ac - 50Hz - 8VA

IR



GW 34 411
Movement detector
230V ac - 50/60Hz

UNIVERSAL BADGE SWITCH



GW 34 421
1P - NO - 10A - 250V ac
Illuminable

COMPLEMENTARY ITEMS

FLUSH-MOUNTING BOXES



GW 24 231
Modular 2 gang
square box
70 x 70 x 50 mm



GW 24 232
Modular
round box
Ø 60 x 42 mm



GW 24 233
Spacer for coupling boxes at
91mm
scatole GW 24 232



GW 24 208
Conical round box
Ø 65 x 41 mm



GW 24 209
Scatola tonda cilindrica
Ø 65 x 38 mm



GW 24 234
Round box
for light walls
Ø 60 x 45 mm

SELF-TAPPING SCREWS FOR FIXING DEVICES



For wood, plastic and
aluminium
TC 3,5 x 17 mm

GW 24 224



For boxes embedded
below wall surface
TC 3,5 x 30 mm
GW 24 225

TC 3,5 x 50 mm
GW 24 229

WALL-MOUNTING BOXES



Wall-mounting box
for ECO60 plates
IP 40 - 86 x 86 x 45 mm

GW 34 591
Colour cloud white

GW 34 592
Colour Grey RAL 7035



Wall-mounting box
for watertight ECO60 plates
IP 55 - 95 x 95 x 45 mm

GW 34 596
Colour cloud white

GW 34 597
Colour Grey RAL 7035

QUICK-COUPLING MINIATURE LAMPS



Quick-coupling terminals
fluorescent lamp

GW 30 943
230V ac - 0,4W - Red

GW 30 944
230V ac - 0,4W - Green



Quick-coupling terminals
LED lamp

GW 30 946
110/230V ac - 1W - Light blue

GW 30 947
110/230V ac - 1W - White

GW 10 893
12/24V ac/dc - 0,6W
White

MINIATURE LAMPS



GW 10 881 Blue
GW 10 882 White
GW 10 883 Red
GW 10 884 Green
GW 10 885 Amber
230V ac - 50/60 Hz

Connection cable
10cm



GW 10 894 White
12/24V ac/dc - 0,6W

Connection cable
10cm

- = Supplier without lamp. They use miniature lamps.
- * = With high-performance expansion clip system - Gewiss patent.

All ECO60 devices, except the supports for the combined TV-SAT-R socket-outlets, are supplied with expandable jaws.

ECO 60 RANGE

INTERNATIONAL DOMESTIC RANGE

ECO60 PLATES: TAKE 14 COLOURS

CLOUD
WHITE



GW 34 802
GW 34 812
GW 34 902

single
double
triple

TONER
BLACK



GW 34 801
GW 34 811
GW 34 901

single
double
triple

GERANIUM
RED



GW 34 805
GW 34 815
GW 34 905

single
double
triple

CLASSIC
BURGUNDY



GW 34 807
GW 34 817
GW 34 907

single
double
triple

VENETIAN
GREEN



GW 34 806
GW 34 816
GW 34 906

single
double
triple

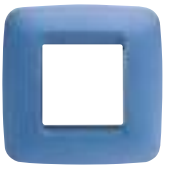
RACING
GREEN



GW 34 808
GW 34 818
GW 34 908

single
double
triple

SKY
BLUE



GW 34 809
GW 34 819
GW 34 909

single
double
triple

JAZZ
BLUE



GW 34 810
GW 34 820
GW 34 910

single
double
triple

CORN
YELLOW



GW 34 803
GW 34 813
GW 34 903

single
double
triple

ENGLISH
WALNUT



GW 34 863
GW 34 873
GW 34 963

single
double
triple

SOFT
CHROME



GW 34 861
GW 34 871
GW 34 961

single
double
triple

ANTIQUE
GOLD



GW 34 862
GW 34 872
GW 34 962

single
double
triple

METALLIC
TITANIUM



GW 34 841
GW 34 851
GW 34 941

single
double
triple

METALLIC
SLATE



GW 34 842
GW 34 852
GW 34 942

single
double
triple

ECO 60 RANGE

ECO60 PLATES: MODULARITY



single



double



triple

APPLICATION FLEXIBILITY

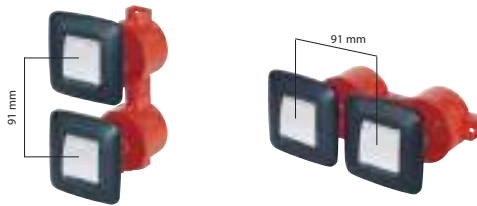
SINGLE PLATE



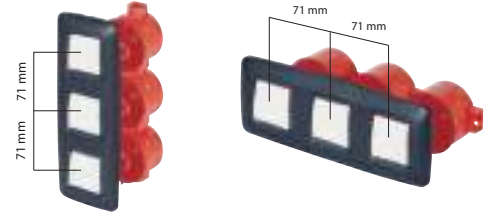
DOUBLE PLATE



SINGLE PLATES SIDE-BY-SIDE



TRIPLE PLATE

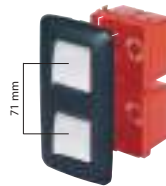


Installation on round box

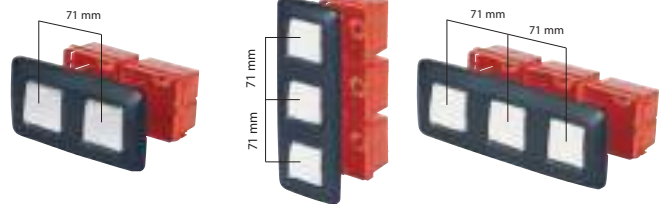
SINGLE PLATE



DOUBLE PLATE



TRIPLE PLATE



Installation on square box

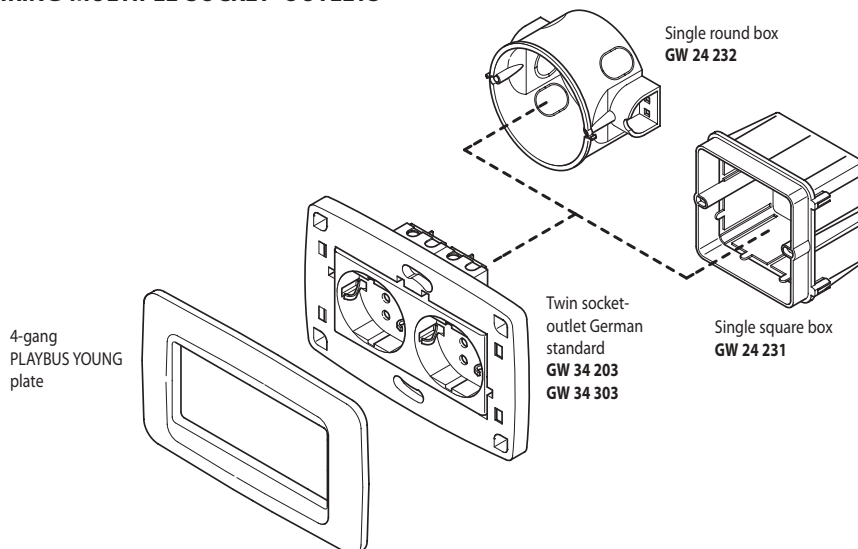
PROTECTED APPLICATION



WATERTIGHT APPLICATIONS



QUICK WIRING MULTIPLE SOCKET-OUTLETS

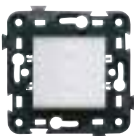


◀ SPEED
German Standard double
socket-outlet with installation on a
single box and only 3 terminals.

COMMAND - WHITE VERSION

CONTROL DEVICES

GW34001



ONE-WAY SWITCHES - 250V AC

Code	Description	Type	Symbol	Pack Carton
GW 34 001	1P - 10AX	General	-	25/100
GW 34 002	1P - 10AX illuminable	Functional indicator	-	25/50
GW 34 003	2P - 10AX	General	0/1	25/50
GW 34 004	2P - 10AX illuminable	Functional indicator	0/1	25/50

Backlit articles are supplied without lamp. They use miniature lamps.

GW34012

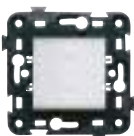


TWO-WAY SWITCHES - 250V AC

Code	Description	Type	Pack Carton
GW 34 011	1P - 10AX	General	25/100
GW 34 012	1P - 10AX illuminable	Functional indicator	25/50

Backlit articles are supplied without lamp. They use miniature lamps.

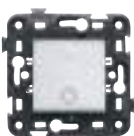
GW34015



REVERSING SWITCHES - 250V AC

Code	Description	Type	Pack Carton
GW 34 015	1P - 10AX	General	25/50

GW34021



PUSH-BUTTONS - 250V AC

Code	Description	Type	Symbol	Pack Carton
GW 34 021	1P NO - 10A	General	Double circle	25/50
GW 34 022	1P NO - 10A illuminable	Functional indicator	Double circle	12/24
GW 34 023	1P NO - 10A illuminable	With symbol	Bell	12/24
GW 34 024	1P NO - 10A illuminable	With symbol	Light	12/24
GW 34 026	1P NO - 10A illuminable	With symbol	Key	12/24
GW 34 028	1P NO+NO - 10A	With interlocking	Up-down	12/24
GW 34 025	1P NO - 10A	With pull-cord		12/24

Backlit articles are supplied without lamp. They use miniature lamps.

ACCESSORIES SUPPLIED: GW34025, insulating cord with knob.

GW34040



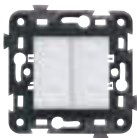
PUSH-BUTTON WITH BACKLIT NAME PLATE - 250V AC

Code	Description	Type	Pack Carton
GW 34 040	1P NO - 10A	Illuminable	12/24

Supplied without lamp. It uses 1 miniature lamp.

COMBINED DEVICES

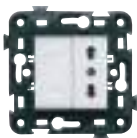
GW34051



COMBINED CONTROL DEVICES - 250V AC

Code	Description	Pack Carton
GW 34 051	Twin two-way switch 1P-10AX	25/50
GW 34 052	Two-way switch 1P - 10AX Push-button 1P NO 10A	25/50
GW 34 053	Twin push-button 1P NO 10A	25/50

GW34056



ITALIAN STANDARD TWO-WAY SWITCH + SOCKET-OUTLET 16A - DUAL AMPERAGE - 250V AC

Code	Description	Socket-out type	For plug pins	Pack Carton
GW 34 056	Two-way switch 1P - 10AX S.-outlet 2P+E - 16A Dual amp	P17-11	Ø 4 / 5 mm	12/24

WITH HIGH-PERFORMANCE EXPANSION CLIP SYSTEM - GEWISS PATENT.

BLANKING MODULES AND OUTLET

GW34091



BLANKING MODULES AND OUTLET

Code	Description	For cables Ø (mm)	Pack Carton
GW 34 091	Blanking module		12/24
GW 34 093	Cable outlet with interlock device	5 - 13	12/24

MOVEMENT DETECTOR

GW34411



INFRARED MOVEMENT DETECTOR WITH RELAY OUTPUT AND TWILIGHT SENSOR TO CONTROL LUMINAIRES 230V - 50/60HZ

Code	Range of action	Duration adjustment	Twilight threshold adjust.	Pack Carton
GW 34 411	10 m	5 - 180 sec.	5 - 300 lux	1/5

CHARACTERISTICS: relay output: 1 NO - 5A (AC1) / 2A (AC15) - 250V AC.

APPLICATIONS: Energy savings: lighting command in rooms or areas only when people are passing through (e.g. corridors, stairs, entrance-halls, exhibition areas, etc.).

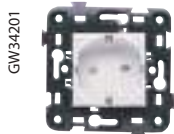
Comfort and safety: automatic circuit command without needing to activate one-way switches (e.g. areas where people often pass through with their hands full, hospitals, or for disabled people).

Do not install the product in watertight plates: the lid membrane does not allow the detector lens to work correctly.

NOTES: do not use to directly control fluorescent loads.

POWER TAKE-OFF - WHITE VERSION

INTERNATIONAL STANDARD SOCKET-OUTLETS

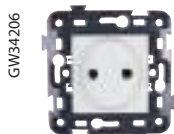


GW34201

GERMAN STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	Pack Carton
GW 34 201	2P+E - 16A	Ø 4.8 mm	25/100

WITH HIGH-PERFORMANCE EXPANSION CLIP SYSTEM - GEWISS PATENTED.

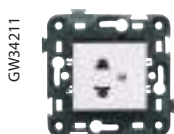


GW34206

FRENCH STANDARD SOCKET-OUTLETS - 250V AC

Code	Description	For plug pins	Pack Carton
GW 34 206	2P - 16A	Ø 4 / 4.8 mm	25/50
GW 34 207	2P+E - 16A	Ø 4 / 4.8 mm	25/50

WITH HIGH-PERFORMANCE EXPANSION CLIP SYSTEM - GEWISS PATENT.



GW34211

EURO-AMERICAN STANDARD SOCKET-OUTLET - 250 / 125V AC

Code	Description	For plug pins	Pack Carton
GW 34 211	2P+E - 10/15A	Ø 4 mm / flat	25/50

WITH HIGH-PERFORMANCE EXPANSION CLIP SYSTEM - GEWISS PATENT.



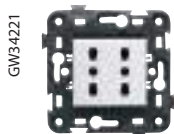
GW34216

ISRAELI STANDARD SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	Pack Carton
GW 34 216	2P+E - 16A	Round Ø 4 / 4.4 mm	25/50

WITH HIGH-PERFORMANCE EXPANSION CLIP SYSTEM - GEWISS PATENT.

QUICK WIRING MULTIPLE SOCKET-OUTLETS



GW34221

ITALIAN STANDARD DUAL SOCKET-OUTLET - 250V AC

Code	Description	For plug pins	Input	Pack Carton
GW 34 221	Double (2P+E - 16A dual amp.)	Ø 4 / 5 mm	1x16 A	25/50

WITH HIGH-PERFORMANCE EXPANSION CLIP SYSTEM - GEWISS PATENT.



GW34203

GERMAN STANDARD DUAL SOCKET-OUTLET - 250V AC

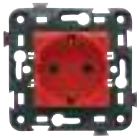
Code	Description	For plug pins	Input	Pack Carton
GW 34 203	Double (2P+E - 16A)	Ø 4.8 mm	1x16 A	10/20

Supplied without front plate. Plate can be chosen from PLAYBUS YOUNG range 4-gang plates.

CHARACTERISTICS: quick-coupling terminals.

INTERNATIONAL STANDARD SOCKET-OUTLETS FOR DEDICATED LINES

GW34202

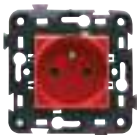


GERMAN STANDARD SOCKET-OUTLETS, FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	Pack Carton
GW 34 202	2P+E - 16A	Red	Ø 4.8 mm	12/24
GW 34 302	2P+E - 16A	Green	Ø 4.8 mm	12/24
GW 34 305	2P+E - 16A	Orange	Ø 4.8 mm	12/24

WITH HIGH-PERFORMANCE EXPANSION CLIP SYSTEM - GEWISS PATENT.

GW34208



FRENCH STANDARD SOCKET-OUTLET, FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	Pack Carton
GW 34 208	2P+E - 16A	Red	Ø 4 / 4.8 mm	12/24

WITH HIGH-PERFORMANCE EXPANSION CLIP SYSTEM - GEWISS PATENT.

GW34217



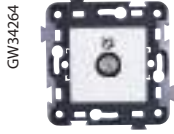
ISRAELI STANDARD SOCKET-OUTLET FOR DEDICATED LINES - 250V AC

Code	Description	Colour	For plug pins	Pack Carton
GW 34 217	2P+E - 16A	Red	Round Ø 4 / 4.4 mm	12/24

WITH HIGH-PERFORMANCE EXPANSION CLIP SYSTEM - GEWISS PATENT.

SIGNAL TAKE-OFF - WHITE VERSION

TV-SAT SOCKET-OUTLETS



GW34264

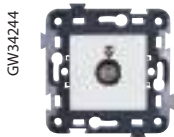
CO-AXIAL TV-SAT SOCKET-OUTLETS (5-2400 MHZ) CLASS A SHIELDING - F CONNECTOR FEMALE

Code	Description	Type	Attenuation	Pack Carton
GW 34 261	Direct	With passage of current	0 dB	12/24
GW 34 264	Feedthrough		14 dB	12/24
GW 20 277	Terminal resistance 75 ohm			50/200

Socket-outlets suitable for return trunking. GW34264, equipped with protection against electric shocks, Art. 9.1.4 of Standard CEI-EN 50083-1.

CHARACTERISTICS: GW34261, suitable for the passage of the current / voltage necessary for any remote power supply and/or control signals towards the user port (max 24V 500 mA). GW20277 allows the creation of terminal sockets in combination with the socket-outlet GW34264.

APPLICATIONS: socket-outlets especially recommended for satellite reception systems.



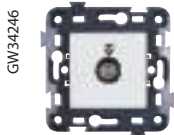
GW34244

CO-AXIAL TV-SAT SOCKET-OUTLETS (5-2400 MHZ) CLASS A SHIELDING - IEC MALE CONNECTOR Ø 9.5 MM

Code	Description	Type	Attenuation	Pack Carton
GW 34 241	Direct	With passage of current	0 dB	12/24
GW 34 244	Feedthrough		14 dB	12/24
GW 20 277	Terminal resistance 75 ohm			50/200

Sockets suitable for return channel. GW34244, equipped with protection against electric shock as per Art. 9.1.4 of the EN 50083-1 standards

CHARACTERISTICS: GW34241, suitable for the current / voltage flow necessary to power feed and/or for control signals towards the user port (max 24V 500 mA). GW20277 permits making terminal sockets in combination with the socket GW34244.



GW34246

SHIELDED TV SOCKET-OUTLETS (40-862 MHZ) - MALE IEC CONNECTOR Ø 9.5MM

Code	Description	Attenuation	Pack Carton
GW 34 246	Direct	0 dB	12/24



GW34276

COMBINED TV-R (5-862 MHZ) SOCKET-OUTLETS SHIELDED TV CONNECTOR MALE IEC CONNECTOR Ø 9.5 MM - R IEC FEMALE CONNECTOR Ø 9.5 MM

Code	Description	Attenuation	Pack Carton
GW 34 275	Direct	0 dB	12/24
GW 34 276	Feedthrough	14 dB	12/24
GW 34 277	End cover	10 dB	12/24

CHARACTERISTICS: to be completed with GW34271 universal support and ECO60 plate.



GW34272

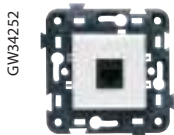
UNIVERSAL SUPPORTS FOR COMBINED TV-SAT-R SOCKET-OUTLETS

Code	Description	No. holes	Pack Carton
GW 34 271	For TV-R base	2	1/24
GW 34 272	For TV-SAT-R base	3	1/24

APPLICATIONS: suitable for integration with the ECO60 range of standard TV-SAT-R bases available on the market.

ACCESSORIES SUPPLIED: fixing screws.

TELEPHONE JACKS

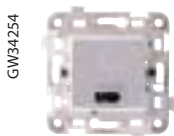


GW34252

INTERNATIONAL STANDARD TELEPHONE JACKS

Code	Description	No. pairs	Cables type	Connection type	Pack Carton
GW 34 251	RJ11	2	UTP	Insulation puncture	12/24
GW 34 252	RJ12	3	UTP	Insulation puncture	12/24

APPLICATIONS: RJ11: telephone, telefax, modem. - RJ12: intercommunicating internal systems.



GW34254

BRITISH STANDARD TELEPHONE JACKS

Code	Description	Connection type	Pack Carton
GW 34 254	British 6 contacts	Screw-on terminals	24
GW 34 255	Double British 6 contacts	Screw-on terminals	24

GW34253



FRENCH STANDARD TELEPHONE JACKS

Code	Description	Pack Carton
GW 34 253	French 8 contacts	12/24

SOCKET-OUTLET FOR AUXILIARY AND SIGNAL CIRCUITS

GW34299

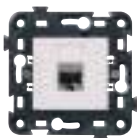


SIGNAL SOCKET-OUTLET FOR SOUND CIRCUITS

Code	Description	Suitable for	Pack Carton
GW 34 299	DIN 41529	Loudspeaker	12/24

CONNECTORS FOR QUICK AND STRUCTURED WIRING (FAST)

GW34681



RJ12 AND RJ45 TOOLLESS CONNECTORS

Code	Description	No. pairs	Category	Cables type	Connection type	Pack Carton
GW 34 681	RJ12 with cover	3	3	UTP	Insulation puncture	12/24
GW 34 684	RJ45	4	6	UTP	Insulation puncture	1/5
GW 34 683	RJ45	4	5e	FTP	Insulation puncture	12/24
GW 34 682	RJ45 with cover	4	5e	UTP	Insulation puncture	12/24

GW34684 connector type 110.

APPLICATIONS: LANs up to 16MHz (e.g. telephone systems) for cat. 3.

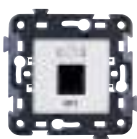
LANs up to 100MHz (e.g. Ethernet, Token Ring networks) for cat. 5e.

LANs up to 250MHz (e.g. videoconference systems, CCTV) for cat. 6.

ACCESSORIES SUPPLIED: circuit identification label.

STRUCTURED WIRING CONNECTORS

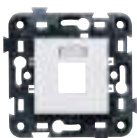
GW34256



RJ 45 CONNECTORS - CATEGORY 5E

Code	Description	No. pairs	Cables type	Connection type	Pack Carton
GW 34 256	RJ45 cat. 5e single not shielded	4	UTP	Insulation puncture	12/24
GW 34 257	RJ45 cat. 5e double not shielded	4	UTP	Insulation puncture	12/24

GW34283



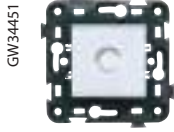
UNWIRED ENCLOSURES FITTED FOR THE HOUSING OF RJ45 UNSHIELDED CONNECTORS

Code	Description	Suitable for	Pack Carton
GW 34 281	Unwired enclosed - single	AMP -110 Connect	12/24
GW 34 282	Unwired enclosed - double	AMP -110 Connect	12/24
GW 34 283	Unwired enclosed - single	Avaya - M 100	12/24
GW 34 284	Unwired enclosed - double	Avaya - M 100	12/24

GW34281 - GW34282 Enclosures can also be used for RJ11 cat. 3 telephone jacks.

SIGNALLING- WHITE VERSION

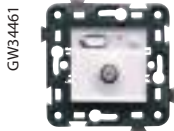
ACOUSTIC SIGNAL DEVICE



GW34451

BELL					
Code	Description	Max power input	Loudness	Pack	Carton
GW 34 451	230V ac - 50 Hz	8 VA	80 dB (at 1 m)	10/20	

EMERGENCY LAMP



GW34461

FIXED ANTI BLACK-OUT LAMP - 230V - 50/60 HZ					
Code	Power supply batteries	Autonomy	Lenticular bulb	Pack	Carton
GW 34 461	Ni-Cd	2 h	2.2V - 0.25A	1/5	

CHARACTERISTICS: equipped with inhibition selector on the front.
It uses (Ni-Cd) 1.2 V - 0.6 Ah, 2x2/3 Af batteries.

POWER MANAGEMENT AND SPECIAL APPLICATIONS - WHITE VERSION

DIMMER



GW34401

ELECTRONIC REGULATORS FOR RESISTIVE LOADS					
Code	Resistive load 230V ac	Resistive load 110V ac	Control	Pack	Carton
GW 34 401	100-500 W	50-250 W	Rotary	5/10	

Frequency 50/60Hz.



GW34403

ELECTRONIC REGULATORS FOR RESISTIVE AND INDUCTIVE LOADS						
Code	Resistive load 230V ac	Resistive load 110V ac	Inductive load 230V ac	Inductive load 110V ac	Pack	Carton
CONTROL: ROTARY						
GW 34 403	40-300 W		40-300 VA		5/10	
CONTROL: ROTARY WITH TWO- WAY SWITCH						
GW 34 404	40-500 W	20-250 W	40-300 VA	20-150 VA	5/10	
CONTROL: PUSH-BUTTON						
GW 34 405	60-500 W	30-250 W	60-400 VA	30-200 VA	5/10	

Frequency 50 /60 Hz excluding article GW34403 at 50 Hz.

GW34405: possibility of controlling from several points with N/O push-buttons in parallel; storage of last level set.

COMPONENT FOR HOTEL SYSTEMS



GW34421

UNIVERSAL BADGE SWITCH					
Code	Output	For badge card max. width	Type	Pack	Carton
GW 34 421	1 NA 10(2) A - 250V ac	54 mm	Illuminable	1/5	

Supplied without lamp. It uses miniature lamps. Supplied without badge.

APPLICATIONS: activation of users and services inside hotel rooms (e.g. lights, air-conditioner, minibar) when the room is occupied (with badge inserted).

ACCESSORIES

SPARE PARTS AND ACCESSORIES FOR DOMESTIC RANGES



MINIATURE LAMPS WITH QUICK COUPLING TERMINALS

Code	Lamp voltage	Lamp power	Lamp	Colour	Pack Carton
GW 30 943	230V ac	0.4 W	Fluorescent	Red	50
GW 30 944	230V ac	0.4 W	Fluorescent	Green	50
GW 30 946	110 / 230V ac	1 W	Led	Light blue	50
GW 30 947	110 / 230V ac	1 W	Led	White	50
GW 10 893	12-24V ac/dc	0.6 W	Led	White	50

APPLICATIONS: miniature lamps are mounted on all control devices fitted for luminous signalling.

GW10881



MINIATURE LAMPS WITH WIRED LEAD LED LAMP

Code	Lamp voltage	Lamp	Colour	Lamp power	Cable Colour	Pack Carton
GW 10 881	230V ac - 50/60 Hz	Led	Blue	0.6 W	Blue	50
GW 10 882	230V ac - 50/60 Hz	Led	White	0.6 W	White	50
GW 10 883	230V ac - 50/60 Hz	Led	Red	0.6 W	Red	50
GW 10 884	230V ac - 50/60 Hz	Led	Green	0.6 W	Green	50
GW 10 885	230V ac - 50/60 Hz	Led	Amber	0.6 W	Orange	50

NOTES: the miniature lamps with wired lead are equipped with power cables.

GW10894



MINIATURE LAMPS WITH WIRED LEAD AND LED LAMP - 12/24V

Code	Lamp voltage	Lamp	Colour	Lamp power	Cable Colour	Pack Carton
GW 10 894	12-24V ac/dc	Led	White	0.6 W	White	50

NOTE: the miniature lamps with wired lead are equipped with power cables.

GW24224












SPECIAL SELF-TAPPING SCREWS FOR FIXING THE DEVICES

Code	Dimensions (mm)	Suitable for	Pack Carton
GW 24 224	TC 3.5x17	Wood, plastic, aluminium	500/7000
GW 24 225	TC 3.5x30	Boxes embedded below wall surface	300/4200
GW 24 229	TC 3.5x50	Boxes embedded below wall surface	300/4200

PLATES AND ENCLOSURES

TECHNOPOLYMER PLATES, PASTEL COLOUR, SATIN FINISH

GW34802		CLOUD WHITE PLATES		
		Code	Description	Pack Carton
		GW 34 802	Single	96
		GW 34 812	Double	12
		GW 34 902	Triple	8
GW34801		TONER BLACK PLATES		
		Code	Description	Pack Carton
		GW 34 801	Single	96
		GW 34 811	Double	12
		GW 34 901	Triple	8
GW34805		GERANIUM RED PLATES		
		Code	Description	Pack Carton
		GW 34 805	Single	24
		GW 34 815	Double	12
		GW 34 905	Triple	8
GW34807		CLASSIC BURGUNDY PLATES		
		Code	Description	Pack Carton
		GW 34 807	Single	24
		GW 34 817	Double	12
		GW 34 907	Triple	8
GW34806		VENETIAN GREEN PLATES		
		Code	Description	Pack Carton
		GW 34 806	Single	24
		GW 34 816	Double	12
		GW 34 906	Triple	8
GW34808		RACING GREEN PLATES		
		Code	Description	Pack Carton
		GW 34 808	Single	24
		GW 34 818	Double	12
		GW 34 908	Triple	8
GW34809		SKY BLUE PLATES		
		Code	Description	Pack Carton
		GW 34 809	Single	24
		GW 34 819	Double	12
		GW 34 909	Triple	8
GW34810		JAZZ BLUE PLATES		
		Code	Description	Pack Carton
		GW 34 810	Single	24
		GW 34 820	Double	12
		GW 34 910	Triple	8
GW34803		CORN YELLOW PLATES		
		Code	Description	Pack Carton
		GW 34 803	Single	24
		GW 34 813	Double	12
		GW 34 903	Triple	8

TECHNOPOLYMER PLATES, METALLIC COLOUR, SATIN FINISH

Code	Description	Pack Carton
GW 34 841	Single	12
GW 34 851	Double	12
GW 34 941	Triple	8

Code	Description	Pack Carton
GW 34 842	Single	12
GW 34 852	Double	12
GW 34 942	Triple	8

TECHNOPOLYMER PLATES, CLASSIC COLOUR

Code	Description	Pack Carton
GW 34 863	Single	12
GW 34 873	Double	12
GW 34 963	Triple	8

Code	Description	Pack Carton
GW 34 861	Single	12
GW 34 871	Double	12
GW 34 961	Triple	8

Code	Description	Pack Carton
GW 34 862	Single	12
GW 34 872	Double	12
GW 34 962	Triple	8

WATERTIGHT PLATES

Code	Colour Plate	Pack Carton
GW 34 881	Cloud white	12
GW 34 882	Toner black	12
GW 34 883	RAL 7035 grey	12

WALL-MOUNTING BOXES

Code	Colour	Outer dim. LxHxD (mm)	Pack Carton
GW 34 591	Cloud white	86 x 86 x 45	1/50
GW 34 592	Grey RAL 7035	86 x 86 x 45	1/50

Code	Colour	Outer dim. LxHxD (mm)	Pack Carton
GW 34 596	Cloud white	95 x 95 x 45	1/50
GW 34 597	Grey RAL 7035	95 x 95 x 45	1/50







38 LAN range

Cabling Networking

A system complete with components and distribution boards for cabling networking.

- Sockets, cords and cables available in UTP and FTP versions.
- Distribution boards and boxes with a modern and groundbreaking design, in fixed and rotating versions.
- Easy wiring thanks to vast inner volumes and side space.
- Wide range of complementary items.



		COMPONENTS										
		UTP					FTP		OPTIC FIBRE			
 Socket outlets	For range	Cat. 3 RJ12			Cat. 5e RJ45	Cat. 6 RJ45	Cat. 6 RJ45	Cat. 5e RJ45	Cat. 6 RJ45	MT-RJ	SC	ST
	CHORUS White				GW 10 421	GW 10 423		GW 10 422	GW 10 424	GW 10 427	GW 10 426	GW 10 425
	CHORUS Black				GW 12 421	GW 12 423		GW 12 422	GW 12 424	GW 12 427	GW 12 426	GW 12 425
	CHORUS Titanium				GW 14 421	GW 14 423		GW 14 422	GW 14 424	GW 14 427	GW 14 426	GW 14 425
	SYSTEM White	GW 20 232 GW 20 681			GW 20 271 GW 20 682	GW 20 685	GW 20 684	GW 20 243 GW 20 683	GW 20 686			
	SYSTEM Black	GW 21 232 GW 21 681			GW 21 271 GW 21 682	GW 21 685	GW 21 684	GW 21 243 GW 21 683	GW 21 686			
	PLAYBUS	GW 30 263 GW 30 681			GW 30 267 GW 30 682	GW 30 685	GW 30 684	GW 30 266 GW 30 683	GW 30 686			
	ECO60 White	GW 34 252 GW 34 681			GW 34 256 GW 34 682		GW 34 684	GW 34 683				
 Panel connectors		Cat. 3 RJ12	Cat. 3 RJ45		Cat. 5e RJ45		Cat. 6 RJ45	Cat. 5e RJ45				
		GW 38 001	GW 38 002		GW 38 006		GW 38 011	GW 38 007				
 Connection cables copper - 24 AWG	Length (m)			Cat. 5 White	Cat. 5e Grey		Cat. 6 Grey	Cat. 5e Grey				
	0.5				GW 38 116			GW 38 121				
	1			GW 38 107	GW 38 117		GW 38 131	GW 38 122				
	2			GW 38 108	GW 38 118		GW 38 132	GW 38 123				
	5			GW 38 109	GW 38 119		GW 38 133	GW 38 124				
 Cables in copper - 24 AWG	Sheath type and length				Cat. 5e		Cat. 6	Cat. 5e				
	PVC - 305m				GW 38 193			GW 38 194				
	LSZH - 305m				GW 38 189		GW 38 201	GW 38 190				
	PVC-PE - 500m				GW 38 195							
 Plugs		RJ11	RJ12		Cat. 5e RJ45		Cat. 5e RJ45					
	For flat cables	GW 38 086	GW 38 087									
	For round cables				GW 38 088			GW 38 089				
 Self-supporting plate for 4 RJ connectors		GW 38 096										

ACCESSORIES											
 Accessories		White	Blue	Green	Red	Yellow	Black				
	Kit 16 Icons	GW 38 071	GW 38 072	GW 38 073	GW 38 074	GW 38 075			Activators for connectors		GW 38 051
	Caps for RJ/ST							GW 38 081	Copper wiring kit		GW 38 052
	Caps for SC							GW 38 082			
	Covering plugs	GW 38 091	GW 38 094	GW 38 093	GW 38 092						

38 LAN RANGE

		DISTRIBUTION BOARDS AND ENCLOSURES			
		SOHO 10" wall-mountings distribution boards	19" Wall-mountings distribution boards with curved tempered glass fixed	19" Wall-mountings distribution boards with curved tempered glass rotating	19" Floor-mounting cabinets with curved tempered glass door
CAPACITY					
8U		GW 38 431			
9U			GW 38 401		
13U			GW 38 402	GW 38 412	
17U			GW 38 403	GW 38 413	
22U			GW 38 404		
28U					GW 38 421
42U					GW 38 422
COMPLEMENTARY ITEMS					
	Empty panels				
	1U - 8 doors	GW 38 437			
	1U - 16 doors			GW 38 536	
	Pre-assembled panels				
	1U - 12 conn. RJ45 cat. 5e UTP			GW 38 541	
	1U - 24 conn. RJ45 cat. 5e UTP			GW 38 542	
	2U - 48 conn. RJ45 cat. 5e UTP			GW 38 543	
	1U - 24 conn. RJ45 cat. 5e FTP			GW 38 544	
	1U - 24 conn. RJ45 cat. 6 UTP			GW 38 545	
	1U - 50 conn. RJ45 cat. 3 (telephony)			GW 38 572	
	Blank panels				
	1U	GW 38 438		GW 38 546	
	3U			GW 38 547	
	Support brackets				
	1U	GW 38 439			
	2U - depth 250mm			GW 38 516	
	2U - depth 350mm			GW 38 517	
	Jumping bar				
	1U	GW 38 440		GW 38 521	
	Cable entry ring				
	Fastening on upright			GW 38 526	
	Panels with supply socket-outlets and protections				
	2U - 2 Italian/German Standard socket-outlets - 230V	GW 38 441			
	2U - 5 Italian/German Standard socket-outlets - 230V Two-pole 16A one-way switch			GW 38 531	
	2U - 5 Italian/German Standard socket-outlets - 230V Miniature circuit breaker 16A 250V 3 kA			GW 38 532	
MAIN ACCESSORIES					
	Spare doors				
	9U			GW 38 581	
	13U			GW 47 111	
	17U			GW 47 112	
	22U			GW 47 113	
	28U				GW 38 582
	42U			GW 38 583	
	Skirting				GW 38 506
	Pair of uprights				
	28U				GW 38 564
	42U				GW 38 565
	Fan for forced suction				GW 38 563
	Ventilation set				GW 38 562
	Safety locks			GW 47 192	

38 LAN RANGE

UTP SYSTEM

SOCKET-OUTLETS

GW14421



UNSHIELDED SOCKET-OUTLETS RJ12 - RJ45 UTP UNIVERSAL QUICK WIRING T568A / T568B - CHORUS / PLAYBUS / SYSTEM / ECO60 RANGES

Code	Description	Cables type	Series	Pack Carton
CATEGORY: 3				
GW 20 681	RJ12 with cover	UTP	SYSTEM WHITE	1/30
GW 21 681	RJ12 with cover	UTP	SYSTEM BLACK	1/30
GW 30 681	RJ12 with cover	UTP	PLAYBUS	1/24
GW 34 681	RJ12 with cover	UTP	ECO60 White	12/24
CATEGORY: 5E				
GW 10 421	RJ45	UTP	CHORUS White	1/24
GW 12 421	RJ45	UTP	CHORUS Black	1/24
GW 14 421	RJ45	UTP	CHORUS Titanium	1/24
GW 20 682	RJ45 with cover	UTP	SYSTEM WHITE	1/30
GW 21 682	RJ45 with cover	UTP	SYSTEM BLACK	1/30
GW 30 682	RJ45 with cover	UTP	PLAYBUS	1/24
GW 34 682	RJ45 with cover	UTP	ECO60 White	12/24
CATEGORY: 6				
GW 10 423	RJ45	UTP	CHORUS White	1/24
GW 12 423	RJ45	UTP	CHORUS Black	1/24
GW 14 423	RJ45	UTP	CHORUS Titanium	1/24
GW 20 685	RJ45	UTP	SYSTEM WHITE	15/30
GW 21 685	RJ45	UTP	SYSTEM BLACK	15/30
GW 30 685	RJ45	UTP	PLAYBUS	1/12

GW30263



UNSHIELDED SOCKET-OUTLETS RJ12 - RJ45 UTP T568A / T568B - PLAYBUS / SYSTEM / ECO60 RANGES

Code	Description	Cables type	Series	Pack Carton
CATEGORY: 3				
GW 20 232	RJ12	UTP	SYSTEM WHITE	15/30
GW 21 232	RJ12	UTP	SYSTEM BLACK	15/30
GW 30 263	RJ12	UTP	PLAYBUS	1/12
GW 34 252	RJ12	UTP	ECO60 White	12/24
CATEGORY: 5E				
GW 20 271	RJ45 not shielded	UTP	SYSTEM WHITE	15/30
GW 21 271	RJ45 not shielded	UTP	SYSTEM BLACK	15/30
GW 30 267	RJ45 not shielded	UTP	PLAYBUS	1/24
GW 34 256	RJ45 cat. 5e single not shielded	UTP	ECO60 White	12/24
CATEGORY: 6				
GW 20 684	RJ45 not shielded	UTP	SYSTEM WHITE	1/15
GW 21 684	RJ45 not shielded	UTP	SYSTEM BLACK	1/15
GW 30 684	RJ45	UTP	PLAYBUS	1/12
GW 34 684	RJ45	UTP	ECO60 White	1/5

PANEL CONNECTORS



UNSHIELDED RJ12 AND RJ45 CONNECTORS FOR UTP PERMUTATION PANELS T568A/T568B UNIVERSAL WIRING

Code	Description	Category	Cables type	Pack Carton
GW 38 001	RJ12	3	UTP	16/32
GW 38 002	RJ45	3	UTP	16/32
GW 38 006	RJ45	5e	UTP	16/32
GW 38 011	RJ45	6	UTP	16/32

CHARACTERISTICS: terminals with perforated insulation.

PATCH CORDS

GW38107



PATCH-CORDS FOR TELEPHONIC USE RJ45 - RJ45 UTP NOT SHIELDED

Code	Description	Cables type	Cable length	Colour	Pack Carton
CATEGORY: 5					
GW 38 107	RJ45 - RJ45	UTP 24 AWG	1 m	White	1/24
GW 38 108	RJ45 - RJ45	UTP 24 AWG	2 m	White	1/24
GW 38 109	RJ45 - RJ45	UTP 24 AWG	5 m	White	1/24

PRODUCTION CHARACTERISTICS: copper conductor 24 AWG. Insulation in flameproof polyethylene. Plug contacts in phosphorous bronze.

PERFORMANCE CHARACTERISTICS: the use in ISDN/ADSL-type plants is recommended.

GW38116



RJ45 - RJ45 UTP UNSHIELDED PATCHCORDS					
Code	Description	Cables type	Cable length	Colour	Pack Carton
CATEGORY: 5E					
GW 38 116	RJ45 - RJ45	UTP 24 AWG	0.5 m	Grey	1/24
GW 38 117	RJ45 - RJ45	UTP 24 AWG	1 m	Grey	1/24
GW 38 118	RJ45 - RJ45	UTP 24 AWG	2 m	Grey	1/24
GW 38 119	RJ45 - RJ45	UTP 24 AWG	5 m	Grey	1/24
CATEGORY: 6					
GW 38 131	RJ45 - RJ45	UTP 24 AWG	1 m	Grey	1/24
GW 38 132	RJ45 - RJ45	UTP 24 AWG	2 m	Grey	1/24
GW 38 133	RJ45 - RJ45	UTP 24 AWG	5 m	Grey	1/24

PRODUCTION CHARACTERISTICS: 24 AWG copper conductor. Flameproof polyethylene insulation. Plug contacts in phosphorous bronze.

PERFORMANCE CHARACTERISTICS: performances beyond what is proposed for cat. 5e.

Compliant with the prescriptions required for applications such as 100BASE-Tx, 155Mbps ATM and Gigabit Ethernet.

ELECTRICAL CHARACTERISTICS: at 20°C: Impedance 100 Ohm +/- 15% 1-100 MHz. Capacity: 13.5 pF/ft at 1 MHz.

CABLES



CABLES IN COPPER 4 PAIRS TWISTED UNSHIELDED - UTP					
Code	Description	Category	Cables type	Cable length	Pack Carton
GW 38 193	PVC Cable sheath	5e	UTP 24 AWG	305 m	305
GW 38 189	LSZH Cable sheath	5e	UTP 24 AWG	305 m	305
GW 38 195	PVC-PE Cable sheath	5e	UTP 24 AWG	500 m	500
GW 38 201	LSZH Cable sheath	6	UTP 24 AWG	305 m	305

PRODUCTION CHARACTERISTICS: 24 AWG solid copper conductor, nominal diameter 0.52 mm. Solid polyethylene insulation, nominal diameter 0.93 mm. PVC/LSZH sheath, external diameter 5.3 mm.

ELECTRICAL CHARACTERISTICS AT 20°C: Working voltage: max. 125V dc Resistance dc: max. 170 Ohm/Km.

Unbalanced dc resistance: max. 1% Insulation resistance: min. 5G Ohm x Km.

Unbalanced capacity: max 1600 pF/Km. Propagation speed (at 100MHz): nominal 0.66 c.

FTP SYSTEM

SOCKET-OUTLETS

GW14422



SOCKET-OUTLETS RJ45 FTP UNIVERSAL QUICK WIRING SHIELDED T568A / T568B - CHORUS / PLAYBUS / SYSTEM / ECO60 RANGES

Code	Description	Cables type	Series	Pack Carton
CATEGORY: 5E				
GW 10 422	RJ45	FTP	CHORUS White	1/24
GW 12 422	RJ45	FTP	CHORUS Black	1/24
GW 14 422	RJ45	FTP	CHORUS Titanium	1/24
GW 20 683	RJ45	FTP	SYSTEM WHITE	1/30
GW 21 683	RJ45	FTP	SYSTEM BLACK	1/30
GW 30 683	RJ45	FTP	PLAYBUS	1/24
GW 34 683	RJ45	FTP	ECO60 White	12/24
CATEGORY: 6				
GW 10 424	RJ45	FTP	CHORUS White	1/24
GW 12 424	RJ45	FTP	CHORUS Black	1/24
GW 14 424	RJ45	FTP	CHORUS Titanium	1/24
GW 20 686	RJ45	FTP	SYSTEM WHITE	15/30
GW 21 686	RJ45	FTP	SYSTEM BLACK	15/30
GW 30 686	RJ45	FTP	PLAYBUS	1/12

GW20243



SOCKET-OUTLET RJ45 FTP SHIELDED T568A / T568B PLAYBUS / SYSTEM RANGES

Code	Description	Category	Cables type	Series	Pack Carton
GW 20 243	RJ45 shielded	5e	FTP	SYSTEM WHITE	15/30
GW 21 243	RJ45 shielded	5e	FTP	SYSTEM BLACK	15/30
GW 30 266	RJ45 shielded	5e	FTP	PLAYBUS	1/24

PANEL CONNECTOR

GW38007



SHIELDED RJ45 CONNECTOR FOR FTP PATCH-PANELS - T568A/T568B UNIVERSAL WIRING

Code	Description	Category	Cables type	Pack Carton
GW 38 007	RJ45	5e	FTP 110 8 contacts	16/32

CHARACTERISTICS: terminals with perforated insulation.

PATCH CORDS

GW38121



RJ45 - RJ45 UTP SHIELDED PATCHCORDS

Code	Description	Category	Cables type	Cable length	Colour	Pack Carton
GW 38 121	RJ45 - RJ45	5e	FTP 24 AWG	0.5 m	Grey	1/24
GW 38 122	RJ45 - RJ45	5e	FTP 24 AWG	1 m	Grey	1/24
GW 38 123	RJ45 - RJ45	5e	FTP 24 AWG	2 m	Grey	1/24
GW 38 124	RJ45 - RJ45	5e	FTP 24 AWG	5 m	Grey	1/24

CONSTRUCTION CHARACTERISTICS: 24 AWG copper conductor. Flameproof polythene insulation. Plug contacts in phosphorous bronze.

PERFORMANCE CHARACTERISTICS: performance is higher than what is envisaged for cat. 5e.

Compliant with regulations for applications such as 100BASE-Tx, 155Mbps ATM and Gigabit Ethernet.

ELECTRICAL SPECIFICATIONS AT 20°C: impedance 100 Ohm +/- 15% 1-100 MHz. Capacity: 13.5 pF/ft at 1 MHz.

CABLES

GW38194



CABLES IN COPPER 4 PAIRS TWISTED SHIELDED - UTP

Code	Description	Category	Cables type	Cable length	Pack Carton
GW 38 194	PVC Cable sheath	5e	FTP 24 AWG	305 m	305
GW 38 190	LSZH Cable sheath	5e	FTP 24 AWG	305 m	305

PRODUCTION CHARACTERISTICS: 24 AWG solid copper conductor, nominal diameter 0.52 mm. Solid polyethylene insulation, nominal diameter 1.05 mm. Aluminium shield and spiral-wound polyethylene insulating sheet, continuity conductor. PVC/LSZH sheath, external diameter 6 mm.

ELECTRICAL CHARACTERISTICS AT 20°C: Working voltage: max. 125V dc Resistance dc: max. 170 Ohm/Km.

Unbalanced dc resistance: max. 1% Insulation resistance: min. 5G Ohm x Km.

Unbalanced capacity: max 1600 pF/Km. Propagation speed (at 100MHz): nominal 0.66 c.

OPTIC FIBRE SYSTEM

SOCKET-OUTLETS

GW14427



MT - RJ USER SOCKET-OUTLETS CHORUS

Code	Description	Type	Series	Pack Carton
GW 10 427	MT-RJ socket outlet	Bush duplex 50/125u	CHORUS White	1/24
GW 12 427	MT-RJ socket outlet	Bush duplex 50/125u	CHORUS Black	1/24
GW 14 427	MT-RJ socket outlet	Bush duplex 50/125u	CHORUS Titanium	1/24

GW14426



SC USER SOCKET-OUTLETS CHORUS

Code	Description	Type	Series	Pack Carton
GW 10 426	SC socket outlet	Bush duplex 50/125u	CHORUS White	1/24
GW 12 426	SC socket outlet	Bush duplex 50/125u	CHORUS Black	1/24
GW 14 426	SC socket outlet	Bush duplex 50/125u	CHORUS Titanium	1/24

CHARACTERISTICS: SC type coupling connection. Precise jointing and signal transmission without any attenuation.

GW14425



ST USER SOCKET-OUTLETS CHORUS

Code	Description	Type	Series	Pack Carton
GW 10 425	ST socket outlet	Bush duplex 50/125u	CHORUS White	1/24
GW 12 425	ST socket outlet	Bush duplex 50/125u	CHORUS Black	1/24
GW 14 425	ST socket outlet	Bush duplex 50/125u	CHORUS Titanium	1/24

CHARACTERISTICS: ST type coupling connection. Precise jointing and signal transmission without any attenuation.

COMPLEMENTARY ITEMS FOR INSTALLATION

ACCESSORIES



PANEL PRODUCTS AND CONNECTIONS ACCESSORIES

Code	Description	Suitable for	Material	Colour	Pack Carton
GW 38 071	Icon kit 16 diff. symbols		Plastic	White	10
GW 38 072	Icon kit 16 diff. symbols		Plastic	Blue	10
GW 38 073	Icon kit 16 diff. symbols		Plastic	Green	10
GW 38 074	Icon kit 16 diff. symbols		Plastic	Red	10
GW 38 075	Icon kit 16 diff. symbols		Plastic	Yellow	10
GW 38 081	Seat blanking plug	RJ and ST	Plastic	Black	32
GW 38 082	Seat blanking plug	SC	Plastic	Black	10
GW 38 086	Plugs RJ11	Flat cable			50/200
GW 38 087	Plugs RJ12	Flat cable			50/200
GW 38 088	Plugs RJ45 5e UTP	Round cable			20/100
GW 38 089	Plugs RJ45 5e FTP	Round cable			20/100
GW 38 091	Plugs cover		Plastic	White	20/100
GW 38 092	Plugs cover		Plastic	Red	20/100
GW 38 093	Plugs cover		Plastic	Green	20/100
GW 38 094	Plugs cover		Plastic	Blue	20/100

16 icons kit, press-on mounting on 12, 24 and 48 door panels.

GW38096



SELF-SUPPORTING PLATE FOR 4 RJ CONNECTORS

Code	Description	Material	Colour	Pack Carton
GW 38 096	Self-supporting	Plastic	White	12

Suitable for housing connectors with Keystone-type coupling.

GW38052



MOUNTING TOOLS

Code	Description	Suitable for	Pack Carton
GW 38 051	Activator	110 Connect (Impact tool)	1
GW 38 052	Kit copper harness		1

BOARDS AND CABINETS

SOHO 10" WALL-MOUNTING DISTRIBUTION BOARDS

GW38431



METAL WALL-MOUNTING SOHO DISTRIBUTION BOARDS WITH TRANSPARENT DOOR IN TEMPERED GLASS

Code	Outer dim. LxHxD (mm)	Cabling unity	Pack Carton
GW 38 431	350x400x265	8U	1

CHARACTERISTICS: lower and upper cable input. Equipment 10" (IEC 297-1) in galvanised sheet metal.

ACCESSORIES SUPPLIED: 2 uprights bored at 10"; complete with fixing accessories. 4 cable gland plates in insulating material Blue RAL 5003, complete with fixing screws.

GW38437



CONFIGURATION ACCESSORIES

Code	Description	Suitable for	Cabling unity	Pack Carton
GW 38 437	Panel - empty 10"	8 connectors	1U	1/5
GW 38 438	Panel - 10" blank		1U	1/5
GW 38 439	Soho 10" shelf	Mini-hub	1U	1/2
GW 38 440	Panel - Cable 10"		1U	1/2
GW 38 441	Panel socket out. of power 10"		2U	1/2

ACCESSORIES SUPPLIED: GW38441 2 Italian/German standard current socket-outlets, 16A dual amperage - with one-way switch.

19" WALL-MOUNTING DISTRIBUTION BOARDS

GW38401



METAL WALL-MOUNTING DISTRIBUTION BOARDS COMPLETE WITH PERFORATED DEPTH ADJUSTABLE UPRIGHTS FIXED STRUCTURE - CURVED GLASS DOOR

Code	Outer dim. LxHxD (mm)	Cabling unity	Pack Carton
GW 38 401	700x550x480	9U	1
GW 38 402	700x700x480	13U	1
GW 38 403	700x900x480	17U	1
GW 38 404	700x1100x480	22U	1

CHARACTERISTICS: lower and upper cable input. can be fully inspected.

ACCESSORIES SUPPLIED: 2 uprights bored as standard 19" already positioned. 2 cable gland plates in insulating material Blue RAL 5003, complete with fixing screws. 2 double-fin keys.

GW38412



METAL WALL-MOUNTING DISTRIBUTION BOARDS COMPLETE WITH PERFORATED DEPTH ADJUSTABLE UPRIGHTS DOUBLE SIDED ROTATING STRUCTURE - CURVED GLASS DOOR

Code	Outer dim. LxHxD (mm)	Cabling unity	Pack Carton
GW 38 412	700x700x560	13U	1
GW 38 413	700x900x560	17U	1

CHARACTERISTICS: lower and upper cable input. can be fully inspected.

ACCESSORIES SUPPLIED: 2 uprights bored as standard 19" already positioned. 2 cable gland plates in insulating material Blue RAL 5003, complete with fixing screws. 2 double-fin keys.

GW38581



DOORS IN CURVED, SMOKED SAFETY TEMPERED GLASS, FOR 38 LAN BOARDS EQUIPPED WITH 2 LOCKS GREY RAL 7035

Code	For boards LxH (mm)	Pack Carton
GW 38 581	700x550	1
GW 47 111	700x700	1
GW 47 112	700x900	1
GW 47 113	700x1000	1

ACCESSORIES SUPPLIED: 2 x mounting pins. 2 double-fin keys.

19" FLOOR-MOUNTING CABINETS

GW38421



CABINETS COMPLETE WITH LATERAL PANELS, SOLID REAR DOOR AND PAIR OF DEPTH ADJUSTABLE UPRIGHTS CURVED GLASS DOOR

Code	Outer dim. LxHxD (mm)	Cabling unity	Pack Carton
GW 38 421	600x1500x630	28U	1
GW 38 422	600x2100x630	42U	1

ACCESSORIES SUPPLIED: 2 rapid-coupling side panels and solid rear door. Adjustable levelling feet for floor-mounting. 3 double-fin keys.

①=June 2010

GW38506



BLOCK MOUNT IN PAINTED METAL FOR FLOOR-MOUNTING CABINETS COLOUR BLUE RAL 5003

Code	For structure LxD (mm)	Pack Carton
GW 38 506	600X600	1

CHARACTERISTICS: accessibility on 4 sides.
ACCESSORIES SUPPLIED: fixing accessories.

GW38582



DOORS IN CURVED, SMOKED SAFETY TEMPERED GLASS, FOR 38 LAN BOARDS EQUIPPED WITH 1 LOCK GREY RAL 7035

Code	For panels dim. LxH (mm)	Pack Carton
GW 38 582	600x1400	1
GW 38 583	600x2000	1

ACCESSORIES SUPPLIED: 3 mounting pins. 3 double-fin keys.

GW38561



ACCESSORIES FOR FLOOR-MOUNTING CABINETS

Code	Description	Characteristics	Pack Carton
GW 38 512	Kit of 4 adjustable wheels	No.2 free wheels N.2 wheels with adjust. brake	1
GW 38 561	Pair of M10 eyebolts		1
GW 38 564	Uprights	For cabinet 28U	1
GW 38 565	Uprights	For cabinet 42U	1
GW 38 562	Ventilation set	With 2 fans	1
GW 38 563	Single fan	18 W 230V ac 150 m ³ /h	1
GW 38 566	Electromechanics thermostat	0-60°C contact NO 5A in AC1	1

ACCESSORIES SUPPLIED: GW38562 2 fans and fitted for the installation of 2 fans cod. GW58563.
1 backlit switch for exclusion of the ventilation. Fitted for direct connection of GW38566 thermostat.

COMPLEMENTARY ITEMS FOR 19" BOARDS AND CABINETS

GW38536



UNWIRED PANEL - 16 DOOR CAPACITY - GALVANISED PAINTED METAL COLOUR BLACK - 19"

Code	Description	Cabling unity	Pack Carton
GW 38 536	Panel - 16 doors	1U	1/10

CHARACTERISTICS: prearrangement for the earth connection of the panel.
APPLICATIONS: assembly of connectors RJ UTP and FTP.
ACCESSORIES SUPPLIED: 4 washers, screws and nuts in cage for assembly.

GW38541



PRE-ASSEMBLED RJ45 PANELS IN PAINTED METAL COLOUR BLACK - 19"

Code	Panel composition	Type	Cabling unity	Pack Carton
CATEGORY: 5E				
GW 38 541	12 connector RJ45	UTP	1U	1
GW 38 542	24 connector RJ45	UTP	1U	1
GW 38 543	48 connector RJ45	UTP	2U	1
GW 38 544	24 connector RJ45	FTP	1U	1
CATEGORY: 6				
GW 38 545	24 connector RJ45	UTP	1U	1

CHARACTERISTICS: blocks of pre-assembled connectors, type 110. Prearrangement for the earth connection of the panel.
ACCESSORIES SUPPLIED: 4 washers, screws and nuts in cage for assembly. Cable fastener element on back panel.
Identification caps on front and rear.

GW38572



PRE-ASSEMBLED RJ45 PANEL IN BLACK-PAINTED METAL - 19" - FOR TELEPHONE

Code	Panel composition	Cabling unity	Pack Carton
CATEGORY: 3			
GW 38 572	50 connector RJ45	1U	1/6

CHARACTERISTICS: blocks of pre-assembled connectors, type 110. Prearrangement for the earth connection of the panel.
ACCESSORIES SUPPLIED: 4 washers, screws and nuts in cage for assembly. Cable fastener element on back panel.
Identification caps on front and rear.

GW38546

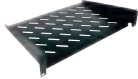


PRE-ASSEMBLED BLANK PANELS IN PAINTED METAL COLOUR BLACK - 19"

Code	Description	Cabling unity	Pack Carton
GW 38 546	Panel - blank	1U	1/10
GW 38 547	Panel - blank	3U	1/10

CHARACTERISTICS: prearrangement for the earth connection of the panel.
ACCESSORIES SUPPLIED: 4 washers, screws and nuts in cage for assembly.

GW38516



SUPPORT BRACKETS IN PAINTED METAL - COLOUR BLACK - 19"

Code	Depth (mm)	Cabling unity	Pack Carton
GW 38 516	250	2U	1/2
GW 38 517	350	2U	1/2

CHARACTERISTICS: load capacity of 20kg.
APPLICATIONS: installation of devices at non-19" standard.
ACCESSORIES SUPPLIED: 4 washers, screws and nuts in cage for assembly.

GW38521



JUMPER BAR IN PAINTED METAL - COLOUR BLACK 19"

Code	Description	N. rings	Cabling unity	Pack Carton
GW 38 521	Jumper bar	5	1U	1/4

CHARACTERISTICS: rationalisation of the passage of cables and cords in the front part of the board.
APPLICATIONS: prearrangement for the earth connection of the panel.
ACCESSORIES SUPPLIED: 4 washers, screws and nuts in cage for assembly.

GW38526



CABLE ENTRY RING IN BLACK-PAINTED METAL COMPLETE WITH FIXING ACCESSORIES

Code	Description	Pack Carton
GW 38 526	Cable entry ring	1/10

CHARACTERISTICS: vertical fixing for cables and cords in the front part of the board.
ACCESSORIES SUPPLIED: fixing accessories.

GW38531



ITALIAN/GERMAN STANDARD CURRENT SOCKET-OUTLETS, 16A DUAL AMPERAGE - WITH ONE-WAY SWITCH - 19"

Code	No. socket outlets	General	Cabling unity	Pack Carton
GW 38 531	5	2P 16A 250V with indic. lamp	2U	1
GW 38 532	5	Miniature 1P+N 16A 250V 3kA with indic. lamp	2U	1

CHARACTERISTICS: assembly on the front of the board. Wired panel with terminal for mains connection.
APPLICATIONS: connection of devices to the electricity mains.
ACCESSORIES SUPPLIED: 4 washers, screws and nuts in cage for assembly.

SERVICE COMPLEMENTARY ITEMS

GW47193



COPPER BAR WITH THREADED HOLES FOR EQUIPOTENTIAL BONDING

Code	Dimensions (mm)	N./diam. of threaded holes	Step drilling (mm)	Pack Carton
GW 47 193	575x20x5	24 x M6	18	1/5

APPLICATIONS: connection of earth conductor.
ACCESSORIES SUPPLIED: fixing accessories. 24 screws for connection.

GW47192



SAFETY CAPS

Code	Description	Pack Carton
GW 47 192	Security lock with key	1/10

CHARACTERISTICS: interchangeable on all standard locks.
ACCESSORIES SUPPLIED: 2 standardised code keys.

GW46447



DOCUMENT HOLDER POCKET IN SELF-ADHESIVE INSULATING MATERIAL WITH KIT OF BLANK LABELS

Code	Dimensions (mm)	Pack Carton
GW 46 447	310x230	1/10

CHARACTERISTICS: the document-holder pocket can be inserted in all GEWISS boards from 405x500x200mm upwards.

GW38556



SMALL METAL PARTS FOR THE MOUNTING OF ACCESSORIES

Code	Description	Pack Carton
GW 38 556	Small parts kit	1/20

COMPOSITION: 10 nuts in cage, washers and screws.

GW47196



AEROSOLS FOR RETOUCHING

Code	Colour	Pack Carton
GW 47 196	Grey RAL 7035	1/6
GW 47 296	Blue RAL 5003	1/6

APPLICATIONS: partial retouching for any scratches.

GW46448



UNIVERSAL KIT FOR FORCED VENTILATION OF IP44 BOARDS - 230V - 50/60 HZ

Code	Description	Fixing hole (mm)	Screws centre distance (mm)	Pack Carton
GW 46 448	Ventilation kit	125x117	123x115	1/2
GW 46 471	Aeration kit	125x117	123x115	1/10

KIT COMPOSITION:

GW46448: fan, ventilation grille, dust-proof filter and drilling template.

GW46471: ventilation grille, dust-proof filter and drilling template.

CHARACTERISTICS: the fan sucks in air from the outside and introduces it to the inside of the board, creating a slight overpressure that prevents foreign particles from entering. Max fan capacity 60m³/h.

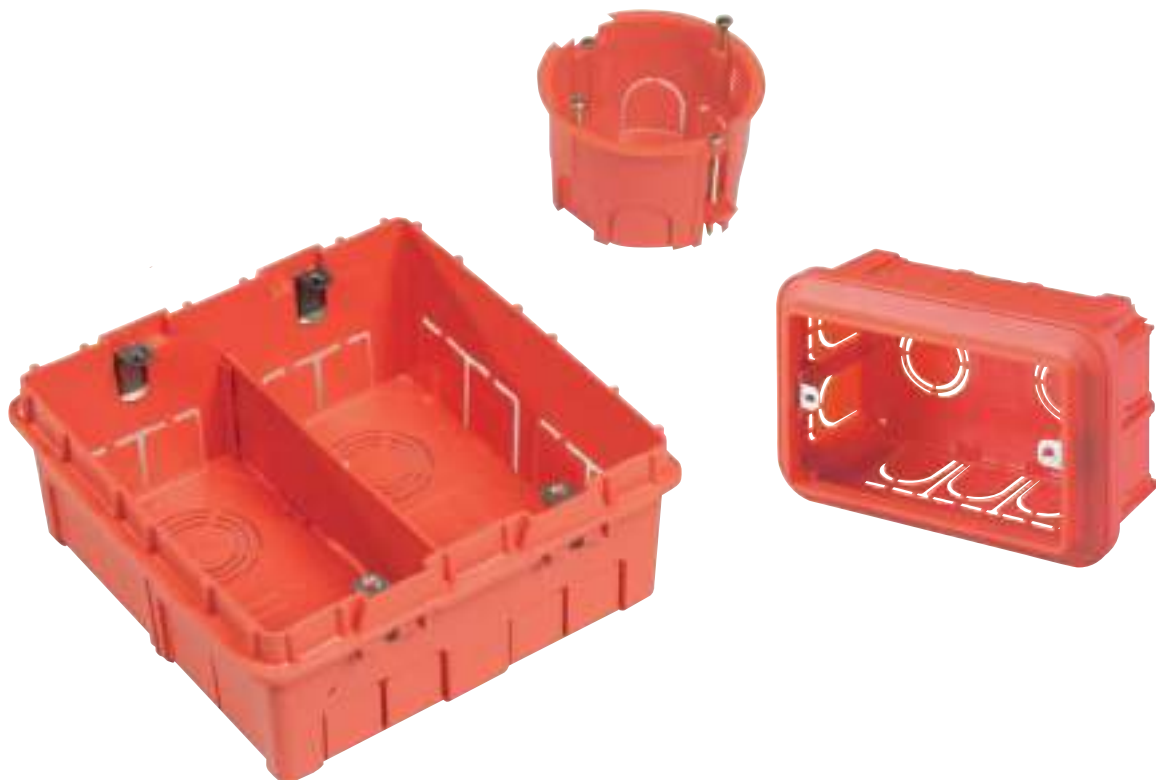
APPLICATIONS: forced ventilation under critical thermal conditions.

24 SC range

Flush- and wall-mounting boxes for domestic ranges

Flush-mounting and wall-mounting boxes for domestic ranges in technopolymer.

- Wide range of flush- and wall-mounting boxes.
- Vast inner space and high mechanical robustness.
- Possibility of internal circuit separation using a special accessory.
- BIG BOX high capacity flush-mounting boxes, with mortar-proof shield available as an accessory.



24 SC RANGE

FLUSH AND WALL MOUNTING BOXES FOR DOMESTIC RANGES

FLUSH-MOUNTING BOXES

RECTANGULAR BOXES FOR DOMOTICS, FOR BRICK WALLS - BIG BOX

GW24403



HIGH CAPACITY RECTANGULAR BOXES

Code	Description	C.dist. supp. fixing	Compartment pre-arr.	Outer dim. LxHxD (mm)	Characteristics	Pack Carton
GW 24 403	3 gang	83.5 mm	3	119x80x50	Halogen free	15/345
GW 24 404	4 gang	108.5 mm	4	144x85x50	Halogen free	5/135
GW 24 406	6 gang	100 mm	6	194x90x50	Halogen free	3/36
GW 24 206	6 gang (3+3)	83.5 mm	1	108x124x50	Halogen free	5/150
GW 24 237	8 gang (4+4)	108.5 mm	2	131x129x53	Halogen free	2/24
GW 24 238	12 gang (6+6)	163.5 mm	2	186x132x53	Halogen free	2/24
GW 24 239	18 gang (6+6+6)	163.5 mm	3	186x190x65	Halogen free	2/16

CHARACTERISTICS: GW24403, GW24404 and GW24406 can be combined with a reusable, mortar-proof, protective shield; functional dividers and joint elements. GW24206: suitable for assembly of GW24005 self-supporting "Compact" plates and GW24215 - GW24216 blank "Compact" plates.

ACCESSORIES SUPPLIED: GW24237, GW24238 and GW24239 functional dividers.

APPLICATIONS: ideal for use in the domotic sphere.

NOTES: GW24239 for PLAYBUS only.

GW24403P



MORTAR-PROOF PROTECTIVE SHIELDS FOR BIG BOX FLUSH-MOUNTING BOXES

Code	For boxes	Characteristics	Pack Carton
GW 24 403 P	BIG BOX - 3 gangs (GW24403)	Halogen free	200
GW 24 404 P	BIG BOX - 4 gangs (GW24404)	Halogen free	50
GW 24 406 P	BIG BOX - 6 gangs (GW24406)	Halogen free	50

CHARACTERISTICS: in technopolymer. Total protection during brick wall work, painting and finishing operations.

Equipped with soft technopolymer antennas for identification purposes, and a central handle making it easier to pull it out.

NOTES: clip fixing to speed up assembly and removal operations. Reusable.

GW24321



FUNCTIONAL DIVIDER FOR HIGH-CAPACITY RECTANGULAR BOXES

Code	For flush mounting box	Characteristics	Pack Carton
GW 24 321	GW24403, GW24404, GW24406	Halogen free	200

APPLICATIONS: to separate circuits at different voltages.

GW24330



CONNECTION ELEMENT FOR THE COMBINED ASSEMBLY OF BIG BOX RECTANGULAR BOXES

Code	For flush mounting box	Characteristics	Pack Carton
GW 24 330	GW24403, GW24404, GW24406	Halogen free	150

APPLICATIONS: for the horizontal/vertical composition of BIG BOXES with 3/4/6 gangs.

NOTES: GW24330 allows the assembly of System, Playbus and Chorus plates.

RECTANGULAR BOXES FOR LIGHTWEIGHT WALLS

GW24207



HIGH-CAPACITY RECTANGULAR BOXES WITH ADJUSTABLE DEPTH FIXING INSERTS- GLOW WIRE TEST 850°C

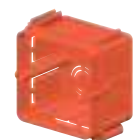
Code	Description	C.dist. supp. fixing	Outer dim. LxHxD (mm)	Pack Carton
GW 24 207	3 gang	83.5 mm	107x64x48	5/200
GW 24 245	4 gang	108.5 mm	132x68x48	2/108
GW 24 246	6 gang	100 mm	183x72x52	2/80

NOTES: boxes suitable for installation in lightweight walls; H-type shell in accordance with EN60670-1, and Ha-type in accordance with IEC60670-1.

Remove the knockouts with the help of tools (e.g. screwdriver).

SQUARE BOX

GW24231



SQUARE FLUSH-MOUNTING BOX

Code	Description	C.dist. supp. fixing	Outer dim. LxHxD (mm)	Characteristics	Pack Carton
GW 24 231	2 gang sectional	60 mm	70x70x50	Halogen free	5/200

CHARACTERISTICS: GW24231, fitted for multiple horizontal/vertical composition, with centre distance of 71mm between the boxes.

Supplied with 2 fixing screws.

24 SC RANGE

①=June 2010

ROUND BOXES

GW24232



ROUND FLUSH-MOUNTING BOXES

Code	Description	C.dist. supp. fixing	Dimensions (mm)	Characteristics	Pack Carton
GW 24 232	Modular round	60 mm	Ø 60 x 42	Halogen free	5/200
GW 24 233	Spacer for column at 91 mm			Halogen free	20/200

CHARACTERISTICS: GW24232, fitted for single or double installation, with centre distance composition of 71mm (or 91mm with the special spacer available as an accessory). Supplied with 2 fixing screws.

GW24208



ROUND FLUSH-MOUNTING BOXES

Code	Description	Dimensions (mm)	Characteristics	Pack Carton
GW 24 208	Conical	Ø 65 x 41	Halogen free	270
GW 24 209	Cylindrical	Ø 65 x 38	Halogen free	312
GW 24 210	Cylindrical	Ø 85 x 42	Halogen free	152

GW24234



ROUND FLUSH-MOUNTING BOXES Ø 65MM FOR LIGHTWEIGHT WALLS

Code	Description	C.dist. supp. fixing	Dimensions (mm)	Pack Carton
GW 24 234	Round	60 mm	Ø 65 x 45	5/200
GW 24 282	Double	57 mm	86x76x53	2/108

CHARACTERISTICS: GW24282 vertical assembly; to be used with the GW16821/GW16822 supports and Chorus International plates, 2 vertical gangs, centre distance 57mm. Supplied with 4 fixing screws.

GW24234 to be used with the GW16821/GW16822 supports and Chorus International plates. Supplied with 4 fixing screws.

NOTES: boxes suitable for installation in lightweight walls; H-type shell in accordance with EN60670-1, and Ha-type in accordance with IEC60670-1. Remove the knockouts with the help of tools (e.g. screwdriver).

TELEPHONE SYSTEMS BOXES

GW24221



FLUSH-MOUNTING BOXES FOR TELEPHONE SYSTEMS - IVORY COLOUR LID

Code	Type of installation	Outer dim. LxHxD (mm)	Pack Carton
GW 24 221	Conventional	68 x 68 x 30	280
GW 24 222	Prefabricated	68 x 68 x 40	5/160

CHARACTERISTICS: entries for conduits Ø 20mm.

GW24223



BOX FIXING POSITIONER FOR PREFABRICATED INSTALLATIONS

Code	For box	Outer dim. LxHxD (mm)	Pack Carton
GW 24 223	GW24222	68 x 68 x 23	200

24 SC RANGE

FLUSH AND WALL MOUNTING BOXES FOR DOMESTIC RANGES

48 PT DIN - BOXES FOR DOMOTICS AND CUT-OUT WITH PROTECTIVE SHIELD

FOR BRICK WALLS

GW48106



JUNCTION BOXES FOR SIDE-BY-SIDE ASSEMBLY, EQUIPPED WITH DIN RAIL FOR COUPLING WITH DOMOTIC DEVICES - LID WHITE RAL 9016

Code	Outer dim. LxHxD (mm)	Compartment pre-arr.	No. DIN modules per comp.	Domotic equip. coupling	Dispersible max power (W)	Characteristics	Pack Carton
GW 48 106	196x152x75	2	4,5	DIN rail	11	Halogen free	1/30
GW 48 107	294x152x75	3	5	DIN rail	13	Halogen free	1/21
GW 48 108	392x152x75	4	5	DIN rail	17	Halogen free	1/14
GW 48 109	480x160x75	3	8	DIN rail	25	Halogen free	1/12
GW 48 110	516x202x90	3	9	DIN rail	29	Halogen free	1/7
GW 48 111	516x294x90	6	4	DIN rail	30	Halogen free	1/5

CHARACTERISTICS: applying the protective shield beneath the lid, the dispersible power of the box is reduced by 2W for GW48106, GW48107, GW48108, GW48110 and GW48111 boxes, and by 3W for the GW48109 box. Surface embossing of the lids to facilitate painting, external knurling of the base to improve mortar adherence.

Pre-arrangement for combined coupling (both horizontal and vertical) via the joining element (code GW48051).

Lid protected with heat-shrinking film that also contains the bag of fixing screws.

ACCESSORIES SUPPLIED: Mortar-proof paint protection shield in technopolymer with additional electro-acoustic insulation function, with central handles making it easier to pull it out.

Box GW48111 supplied with 5 internal dividers. Screws supplied: cross head, of the PH1 type; dimensions 3x25mm.

APPLICATION: for KNX devices from DIN rail, domotic devices for domestic ranges, and devices for video entryphones.

NOTES: dispersible power calculated according to IEC 23-49.

TECHNICAL COMPONENTS FOR BOXES FOR BRICK WALLS

GW48012



INTERNAL SEPARATOR FOR PT DIN AND PT BOXES

Code	For boxes	Characteristics	Pack Carton
GW 48 012	PT from GW48006 to GW48010 and PT DIN from GW48106 to GW48110	Halogen free	50/300

GW48051



JOINING ELEMENT FOR PT DIN AND PT BOXES

Code	For boxes	Characteristics	Pack Carton
GW 48 051	PT from GW48003 to GW48011 and PT DIN from GW48106 to GW48111	Halogen free	10

NOTES: the use of the joining element allows you to create horizontal and/or vertical sets of boxes.

GW48018



HIGH RESISTANCE SHOCK-PROOF PLAIN LIDS FOR PT DIN AND PT BOXES - WHITE RAL 9016 - IP40

Code	Suitable for box	Shock resistance	Characteristics	Pack Carton
GW 48 017	GW48106 and GW48006	IK10	Halogen free	10/100
GW 48 018	GW48107 and GW48007	IK10	Halogen free	10/80
GW 48 019	GW48108 and GW48008	IK10	Halogen free	10/40
GW 48 020	GW48109 and GW48009	IK10	Halogen free	10/40
GW 48 021	GW48110 and GW48010	IK10	Halogen free	10/30
GW 48 022	GW48111 and GW48011	IK10	Halogen free	10/20

CHARACTERISTICS: satin finished surface of the lids to facilitate painting.

GW48086



DEEP LIDS FOR PT DIN AND PT BOXES - WHITE RAL 9016 - IP40

Code	Suitable for box	Characteristics	Pack Carton
GW 48 086	GW48106 and GW48006	Halogen free	1/10
GW 48 087	GW48107 and GW48007	Halogen free	1/5
GW 48 088	GW48108 and GW48008	Halogen free	1/5

CHARACTERISTICS: the deep lids are ideal for passing from an exposed system to a chased one. They have a removable front plate and a frame for connecting with trunking. Max lid H = 49mm for boxes up to 196x152; max. lid H = 66mm for boxes up to 392x152 and conduits with max. Ø = 32mm.

GW48023



LONG SELF-TAPPING SCREWS FOR SECURING COVER

Code	Dimensions (mm)	Suitable for box	Stamp	Pack Carton
GW 48 023	Ø3x38	Junction boxes 48PT DIN and PT range	PH1	300/4200

①=June 2010

WALL-MOUNTING BOXES

UNIVERSAL BOXES

NP40432



UNIVERSAL DEVICE BOXES FOR SUPPORTS/PLATES - ITALIAN STANDARD

Code	No. gangs	Configuration	Installable support./plates	Colour	Pack Carton
NP 40 432	3		Central axis 83.5 mm	White RAL 9010	10
NP 40 438	4		Central axis 108.5 mm	White RAL 9010	10
NP 40 444	12	6+6 overlapping	Central axis 163 mm	White RAL 9010	5
NP 40 434	3		Central axis 83.5 mm	Anthracite RAL 7021	10
NP 40 440	4		Central axis 108.5 mm	Anthracite RAL 7021	10
NP 40 446	12	6+6 overlapping	Central axis 163 mm	Anthracite RAL 7021	5

Suited for skirting and framing trunking.

CHARACTERISTICS: in combination with the relevant support allows the PLAYBUS/SYSTEM/CHORUS range of plates to be installed.

BOXES FOR CHORUS RANGE

GW16743



WALL-MOUNTING BOXES SUITABLE FOR ONE PLATES - ITALIAN STANDARD

Code	Description	Colour	Support	External Dim. LxHxD (mm)	Pack Carton
GW 16 743	3 gang	White	GW16803	118x90x46	3/60
GW 16 744	4 gang	White	GW16804	140x90x46	1/30
GW 16 773	3 gang	Black	GW16803	118x90x46	3/30
GW 16 774	4 gang	Black	GW16804	140x90x46	1/30

CHARACTERISTICS: support not included. Use International standard ONE plates (interchangeability with the entire colour range of ONE plates).

NOTE: fitted for the fixing of the earth terminal GW26407.

GW16752



WALL-MOUNTING BOXES SUITABLE FOR ONE PLATES - INTERNATIONAL STANDARD

Code	Description	Type	Colour	Support	External Dim. LxHxD (mm)	Pack Carton
GW 16 752	2 gang		White	GW16822	90x90x46	1/30
GW 16 753	2+2 gang	Horizontal	White	GW16822	161x90x46	1/15
GW 16 754	2+2 gang	Vertical	White	GW16822	90x161x46	1/15
GW 16 782	2 gang		Black	GW16822	90x90x46	1/30
GW 16 783	2+2 gang	Horizontal	Black	GW16822	161x90x46	1/15
GW 16 784	2+2 gang	Vertical	Black	GW16822	90x161x46	1/15

CHARACTERISTICS: support not included. Use international standard ONE plates (interchangeability with the entire colour range of ONE plates).

GW16754 and GW16784 to be used together with plates with a centre distance of 71mm.

GW16752 - GW16782 supplied with 2 fixing screws. GW16753 - GW16754 - GW16783 - GW16784 supplied with 6 fixing screws.

NOTES: fitted for the fixing of the earth terminal GW26407.

24 SC RANGE

FLUSH AND WALL MOUNTING BOXES FOR DOMESTIC RANGES

SYSTEM RANGE BOXES

GW22471



WALL-MOUNTING BOXES FOR TOP SYSTEM PLATES

Code	Suitable for plates	Colour	For trunking dim. (mm)	For conduits max Ø (mm)	Pack Carton
GW 22 471	1/2/3 gangs	Cloud white	14x8.5 30x13 20x10	16 - 20	3/60
GW 22 472	4 gangs	Cloud white	14x8.5 30x13 20x10	16 - 20	3/30

GW24006



WALL-MOUNTING BOXES FOR SELF-SUPPORTING COMPACT PLATES

Code	Suitable for plates	Colour	For trunking dim. (mm)	For conduits max Ø (mm)	Pack Carton
GW 24 006	1/2/3 gangs	Cloud white	14x8.5 30x13 20x10	16 - 20 - 25	3/60
GW 24 007	3+3 gangs	Cloud white	14x8.5 30x13 20x10	16 - 20 - 25	3/30

CHARACTERISTICS: fitted for fixing the earth terminal GW26407.

GW32431



WALL-MOUNTING BOXES FOR VIRNA PLATES

Code	Suitable for plates	Colour	For trunking dim. (mm)	For conduits max. Ø (mm)	Pack Carton
GW 32 431	1/2/3 gangs	Cloud white	15x17 / 22x10 / 25x17	16 - 20	3/60
GW 32 432	1/2/3 gangs	Toner black	15x17 / 22x10 / 25x17	16 - 20	3/60

CHARACTERISTICS: suitable for the fixing of the GW26407 earth terminal.

PLAYBUS RANGE BOXES

GW32431



WALL-MOUNTING BOXES

Code	Colour	For trunking dim. (mm)	For conduits max. Ø (mm)	Pack Carton
SUITABLE FOR PLATES: 1/2/3 GANGS				
GW 32 431	Cloud white	15x17 / 22x10 / 25x17	16 - 20	3/60
GW 32 432	Toner black	15x17 / 22x10 / 25x17	16 - 20	3/60
SUITABLE FOR PLATES: 4+4 GANGS				
GW 32 436	Cloud white	15x17 / 22x10 / 25x17 / 40x20	16 - 20	3/51
GW 32 437	Toner black	15x17 / 22x10 / 25x17 / 40x20	16 - 20	3/51

CHARACTERISTICS: fitted for the fixing of earth terminal GW26407.

ECO60 RANGE BOXES

GW34591



WALL-MOUNTING BOXES FOR ECO 60 PLATES - IP40

Code	Description	Colour	Outer dim. LxHxD (mm)	Pack Carton
GW 34 591	Single box	Cloud white	86 x 86 x 45	1/50
GW 34 592	Single box	Grey RAL 7035	86 x 86 x 45	1/50

GW34596



WALL-MOUNTING BOXES FOR WATERTIGHT ECO60 PLATES - IP55

Code	Description	Colour	Outer dim. LxHxD (mm)	Pack Carton
GW 34 596	Single box	Cloud white	95 x 95 x 45	1/50
GW 34 597	Single box	Grey RAL 7035	95 x 95 x 45	1/50

①=June 2010

TECHNICAL COMPONENTS

GW24322



FUNCTIONAL DIVIDERS IN METAL FOR MODULAR, FLUSH-MOUNTING CONTAINERS

Code	For enclosures	Pack Carton
GW 24 322	GW24237	10/100
GW 24 323	GW24238	10/100
GW 24 324	GW24239	10/100

APPLICATIONS: energy separation - signal / separation special circuits.

NP40422



FUNCTIONAL METAL DIVIDER FOR SURFACE-MOUNTING BOXES

Code	Material	For enclosures	Pack Carton
NP 40 422	Metal	NP40444 NP40446	10/100

APPLICATIONS: energy separation - signal / separation special circuits.

GW24227



DEEP LIDS FOR 3-GANG FLUSH-MOUNTING RECTANGULAR BOXES TO INTERFACE BETWEEN WALL AND FLUSH INSTALLATIONS - IP40

Code	Description	Colour	Pack Carton
GW 24 227	Blank lid	Cloud white	5/50
GW 24 228	Device frame	Cloud white	5/50

APPLICATIONS: the deep lids allow the system to be extended, deriving additional points for drawing and controlling power from a 3 gang flush-mounting rectangular box. The GW24228 windowed version allows the installation of frames and plates with up to 3 gangs.

CHARACTERISTICS: for trunking, 15x17 - 22x10 - 25x17mm.

GW24211



BLANK PLATES FOR RECTANGULAR FLUSH-MOUNTING BOXES

Code	Description	Configuration	Fixing	Colour	Pack Carton
GW 24 211	3 gang		With screw	Cloud white	1/120
GW 24 212	3 gang		With screw	Toner black	1/120
GW 24 213	4 gang		With screw	Cloud white	1/60
GW 24 214	4 gang		With screw	Toner black	1/60
GW 24 215	6 gang	3+3 overlapping	With screw	Cloud white	1/60
GW 24 216	6 gang	3+3 overlapping	With screw	Toner black	1/60

ACCESSORIES SUPPLIED: self-tapping screws for fixing.

GW24218



LIDS FOR ROUND FLUSH-MOUNTING BOXES

Code	Description	Colour	Fixing	Pack Carton
GW 24 218	Ø 65mm	White	With expansion	50/400
GW 24 220	Ø 85mm	White	With expansion	50/600

GW24224



SPECIAL SELF-TAPPING SCREWS FOR FIXING THE SUPPORTS AND COMPACT SELF-SUPPORTING PLATES

Code	Dimensions (mm)	Suitable for	Pack Carton
GW 24 224	TC 3.5x17	Wood, plastic, aluminium	500/7000
GW 24 225	TC 3.5x30	Boxes embedded below wall surface	300/4200
GW 24 229	TC 3.5x50	Boxes embedded below wall surface	300/4200

28 SPIC range

Plugs, sockets and adaptors for domestic and similar uses

Range of plugs, sockets, multiple adaptors and trailing socket-outlets for the most common power take-off needs in the domestic environment.

- Products made of unbreakable material.
- Trailing plugs and socket-outlets with Italian, German and French standards.
- Multiple adaptors and trailing socket-outlets with the possibility of creating a large number of power take-off points.



28 SPIC RANGE

PLUGS, SOCKET-OUTLETS AND ADAPTORS FOR DOMESTIC AND SIMILAR USES

PLUGS AND CONNECTORS

PLUGS



GW28003

STRAIGHT PLUGS - ITALIAN STANDARD - 250V AC

Code	No. of poles	Rated current (A)	Type	Colour	Pack Carton
GW 28 003	2P+E	10	S11	White	25/250
GW 28 004	2P+E	10	S11	Slate	25/250
GW 28 005	2P+E	16	S17	White	25/150
GW 28 006	2P+E	16	S17	Slate	25/150



GW28007

90° PLUGS - ITALIAN STANDARD - 250V AC

Code	No. of poles	Rated current (A)	Type	Colour	Pack Carton
GW 28 007	2P+E	10	SPA11	White	25/150
GW 28 008	2P+E	10	SPA11	Slate	25/150
GW 28 009	2P+E	16	SPA17	White	25/250
GW 28 010	2P+E	16	SPA17	Slate	25/250

GW28009 - GW28010: check extractability for side socket-outlets.



GW28011

STRAIGHT PLUGS - GERMAN/FRENCH STANDARD - 250V AC

Code	No. of poles	Rated current (A)	Colour	Pack Carton
GW 28 011	2P+E	10 - 16	White	25/175
GW 28 013	2P+E	10 - 16	Black	25/175

Plug with double earthing contact (German standard side and French standard middle).



GW28012

90° ANGLE PLUG - GERMAN/FRENCH STANDARD - 250V AC

Code	No. of poles	Rated current (A)	Colour	Pack Carton
GW 28 012	2P+E	10 - 16	White	25/175

Plug with double earthing contact (German standard side and French standard middle).

PORTABLE SOCKET-OUTLETS



GW28203

ITALIAN STANDARD MOBILE SOCKET-OUTLETS - 250V AC

Code	No. of poles	Rated current (A)	Type	Colour	Pack Carton
GW 28 203	2P+E	10	P11	White	25/250
GW 28 204	2P+E	10	P11	Slate	25/250
GW 28 205	2P+E	10 - 16	Dual amperage P17-11	White	25/150
GW 28 206	2P+E	10 - 16	Dual amperage P17-11	Slate	25/150

CHARACTERISTICS: with safety shields.

ADAPTORS AND MULTIPLE TRAILING SOCKET-OUTLETS

ADAPTORS

GW28401



ITALIAN STANDARD MULTIPLE ADAPTORS WITH 2 OUTPUTS - 250V AC - 1500W

Code	Type of plug	Socket-outlet type	Colour	Pack Carton
GW 28 401	2P+E 10A (S11)	10A (P11)	White	45/90
GW 28 402	2P+E 10A (S11)	10A (P11)	Black	45/90
GW 28 403	2P+E 16A (S17)	16A dual amper (P17/11)	White	30/180
GW 28 404	2P+E 16A (S17)	16A dual amper (P17/11)	Black	30/180

CHARACTERISTICS: with safety shields.

GW28405



ITALIAN STANDARD MULTIPLE ADAPTORS WITH 3 OUTPUTS - 250V AC - 1500W

Code	Type of plug	Socket-outlet type	Colour	Pack Carton
GW 28 405	2P+E 10A (S11)	10A (P11)	White	25/200
GW 28 406	2P+E 10A (S11)	10A (P11)	Black	25/200
GW 28 407	2P+E 16A (S17)	16A dual amper (P17/11)	White	25/200
GW 28 408	2P+E 16A (S17)	16A dual amper (P17/11)	Black	25/200

CHARACTERISTICS: with safety shields.

GW28414



ITALIAN STANDARD WITH 2 OUTPUTS AND ITALIAN/GERMAN WITH 1 OUTPUT MULTIPLE ADAPTORS 250V AC - 1500W

Code	Type of plug	Socket-outlet type	Socket-outlet type	Colour	Pack Carton
GW 28 413	2P+E 10A (S11)	16 A (P30)	10 A (P11)	White	20/120
GW 28 414	2P+E 16A (S17)	16 A (P30) Biv. (P30-P17)	16 A d.a. (P17/11)	White	20/120

16 A socket-outlet (P30) with side and central earthing.

GW28411



ITALIAN STANDARD SINGLE ADAPTORS WITH 1 OUTPUT - 250V AC - 1500W

Code	Type of plug	Socket-outlet type	Colour	Pack Carton
GW 28 411	2P+E 16A (S17)	10A (P11)	White	25/150
GW 28 412	2P+E 16A (S17)	10A (P11)	Black	25/150

CHARACTERISTICS: with safety shields.

GW28410



ITALIAN/GERMAN STANDARD SINGLE ADAPTORS WITH 1 OUTPUT - 250V AC - 1500W

Code	Type of plug	Socket-outlet type	Colour	Pack Carton
GW 28 409	2P+E 10A (S11)	16A (P30)	White	15/150
GW 28 410	2P+E 16A (S17)	16A (P30)	White	15/150

Socket-outlet with side and central earthing.

GW28415



ITALIAN/GERMAN STANDARD SINGLE ADAPTER WITH 1 OUTPUT - 250V AC - 150W

Code	Type of plug	Socket-outlet type	Colour	Pack Carton
GW 28 415	2P+E 16A German stand.	16A dual amp. (P17/11)	White	15/150

CHARACTERISTICS: with safety shields.

MULTIPLE TRAILING SOCKET-OUTLETS (WITH SAFETY SHIELDS)

GW28601



MULTIPLE SOCKET-OUTLET, 6 OUTPUTS, ITALIAN STANDARD WITH 1.5M CABLE AND STRAIGHT PLUG 2P+E - 16A - 250V AC - 1500W

Code	Type of plug	No. of sockets	Socket-outlet type	Colour	Pack Carton
GW 28 601	2P+E 16A (S17)	6	16A dual amper (P17/11)	White	1/20

CHARACTERISTICS: Cable in PVC type H05VV-F section 3x1.5 mm².

GW28613



MULTIPLE SOCKET-OUTLET, 5 OUTPUTS, ITALIAN/GERMAN STANDARD WITH 1.5M CABLE AND STRAIGHT PLUG 2P+E - 16A - 250V AC - 3000W

Code	Type of plug	No. of sockets	Socket-outlet type	Colour	Pack Carton
GW 28 613	2P+E 16A (S17)	5	16A dual amp. (P30 - P17)	White	1/20

CHARACTERISTICS: socket-outlets with side and central earthing. Cable in PVC type H05VV-F section 3x1mm.

ACCESSORIES SUPPLIED: luminous mains 2P 16A one-way switch.

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW10					
GW 10000 TB		1	24		166
GW 10000 VA		1	24		166
GW 10000 VT		1	24		166
GW 10001	12/96	9216		2-7-19-22	62
GW 10002	12/24	7728		2-7-19-22	62
GW 10003	12/24	7728		2-7-19-22	62
GW 10004	12/48	8064		2-7-19-22	62
GW 10005	12/24	4416		2-7-19-22	62
GW 10006	1/12	2340		2-19-22	62
GW 10007	12/24	7728		19	62
GW 10021	6/24	8448		2-7-19-22	62
GW 10022	6/24	6336		2-7-19-22	62
GW 10031	6/24	4032		2-6-7-19-22	62
GW 10031 F	6/24	1728		2-6-7-19	65
GW 10032	6/24	2304		2-6-7-19-22	62
GW 10032 F	6/24	1728		2-6-7-19	65
GW 10033	6/24	2304		2-6-7-19-22	62
GW 10033 F	6/24	1728		2-6-7-19	65
GW 10034	6/24	4032		2-6-7-19-22	62
GW 10034 F	6/24	1728		2-6-7-19	65
GW 10035	6/24	4032		2-6-7-19-22	62
GW 10035 F	6/24	1728		2-6-7-19	65
GW 10039	1/6	1584			66
GW 10041	4/12	2640		2-19-22	62
GW 10042	4/12	1584		2-19-22	62
GW 10043	4/12	2640		2-19-22	62
GW 10051	12/96	9216		2-7-19-22	63
GW 10052	12/24	7728		2-7-19-22	63
GW 10053	12/24	7728		2-7-19-22	63
GW 10054	1/12	2340		2-19-22	63
GW 10061	6/24	8448		2-7-19-22	63
GW 10071	6/24	4032		2-6-7-19-22	63
GW 10071 F	6/24	1728		2-6-7-19	65
GW 10072	6/24	2304		2-6-7-19-22	63
GW 10072 F	6/24	1728		2-6-7-19	65
GW 10073	6/24	2304		2-6-7-19-22	63
GW 10073 F	6/24	1728		2-6-7-19	65
GW 10078 F	6/24	1728		2-6-7-19	65
GW 10081	4/12	2640		2-19-22	63
GW 10082	4/12	1584		2-19-22	63
GW 10083	4/12	1584		2-19-22	63
GW 10091	12/48	8064		2-7-19-22	63
GW 10092	12/24	7728		2-7-19-22	63
GW 10093	12/24	4416		2-7-19-22	63
GW 10101	6/12	3864		2-6-7-19-22	63
GW 10101 F	6/12	1620		2-6-7-19	65
GW 10102	6/12	2208		2-6-7-19-22	63
GW 10102 F	6/12	1620		2-6-7-19	65
GW 10103	6/12	2208		2-6-7-19-22	63
GW 10103 F	6/12	1620		2-6-7-19	65
GW 10111	4/12	1104		2-19-22	63
GW 10112	4/12	1104		2-19-22	63
GW 10113	4/12	1104		2-19-22	63
GW 10121	12/24	5400		2-7-19-22	63
GW 10131	12/96	9216		2-7-19-22	64
GW 10132	12/24	7728		2-7-19-22	64
GW 10133	12/24	7728		2-7-19-22	64
GW 10134	12/24	4416		2-7-19-22	64
GW 10135	12/24	4416		2-7-19-22	64
GW 10136	1/12	3744		2-7-19-22	64

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 10137		12/24	4416	2-7-19-22	64
GW 10138		12/24	3240	2-19-22	64
GW 10139		12/24	3240	2-19-22	64
GW 10140		12/24	5400	2-7-19-22	64
GW 10141		12/24	3240	2-7-19-22	64
GW 10142		12/24	3240	2-19-22	64
GW 10143		12/24	3240	2-19-22	64
GW 10144		12/24	3240	2-19-22	64
GW 10145		1/12	2340	2-19-22	64
GW 10151		12/24	4416	2-7-19-22	64
GW 10152		12/24	7728	2-7-19-22	64
GW 10153		12/24	7728	2-7-19-22	64
GW 10159 F		6/24	1728	2-6-7-19	65
GW 10160 F		6/24	1728	2-6-7-19	65
GW 10161		6/24	6336	2-7-19-22	64
GW 10162		6/24	6336	2-7-19-22	64
GW 10171		6/24	4032	2-6-7-19-22	64
GW 10171 F		6/24	3456	2-6-7-19	65
GW 10172		6/24	2304	2-6-7-19-22	64
GW 10172 F		6/24	3456	2-6-7-19	65
GW 10173		6/24	2304	2-6-7-19-22	64
GW 10173 F		6/24	1728	2-6-7-19	65
GW 10181		4/12	1584	2-19-22	64
GW 10182		4/12	1584	2-19-22	64
GW 10183		4/12	1584	2-19-22	64
GW 10191		6/24	2880	2-7-19-22	64
GW 10192		4/16	1152	19	64
GW 10194		6/48	3600		67
GW 10195		5/200	18000	2-7-19	67
GW 10196		1/48	5760	2-7-19	67
GW 10197		4/48	28080	2-7-19	67
GW 10198		1/48	3456	2-7-19	67
GW 10199		1/48	4608	2-7-19	67
GW 10201		12/96	7200	2-19	68
GW 10203		12/96	7200	2-19	68
GW 10204		6/48	3600	19	68
GW 10205		6/48	3600	2-19	68
GW 10208		6/24	2304	2-19	68
GW 10209		4/12	1104	2-19	68
GW 10213		12/24	7728	2-19	68
GW 10213		12/24	7728	2-19	96
GW 10213		12/24	7728	2-19	124
GW 10214		6/12	3864	19	68
GW 10214		6/12	3864	19	96
GW 10214		6/12	3864	19	124
GW 10223		12/24	7728	2-19	68
GW 10223		12/24	7728	2-19	96
GW 10223		12/24	7728	2-19	124
GW 10224		6/12	3864	19	68
GW 10224		6/12	3864	19	96
GW 10224		6/12	3864	19	124
GW 10233		12/24	7728	2-19	68
GW 10233		12/24	7728	2-19	96
GW 10233		12/24	7728	2-19	124
GW 10234		6/12	3864	19	68
GW 10234		6/12	3864	19	96
GW 10234		6/12	3864	19	124
GW 10241		6/48	3600	6-19	68
GW 10241 F		6/12	1620	6	69
GW 10246		1/24	3600	7-19	69
GW 10247		6/48	3600	7-19	69



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		PACK/ CARTON	PALLET		
GW 10247 F		6/12	1620	7	69
GW 10248		6/12	2700	7-19	69
GW 10251		6/12	2700	6-19	68
GW 10251		6/12	2700	6-19	96
GW 10251		6/12	2700	6-19	124
GW 10251 F		6/12	1620	6	69
GW 10251 F		6/12	1620	6	97
GW 10251 F		6/12	1620	6	125
GW 10257 F		6/12	1620	7	69
GW 10257 F		6/12	1620	7	97
GW 10257 F		6/12	1620	7	125
GW 10258		6/12	1620	7-19	69
GW 10258		6/12	1620	7-19	97
GW 10258		6/12	1620	7-19	125
GW 10260		10/100	31200		70
GW 10260		10/100	31200		98
GW 10260		10/100	31200		126
GW 10281		1/24	3360		70
GW 10286		12/48	6912		70
GW 10287		12/48	6912		70
GW 10288		12/48	4608		70
GW 10291		1/24	3240		70
GW 10291		1/24	3240		98
GW 10291		1/24	3240		126
GW 10296		6/48	3600		70
GW 10297		6/48	3600		70
GW 10298		6/48	0		70
GW 10301		6/48	3600		70
GW 10302		6/48	3600		70
GW 10306		6/48	3600		70
GW 10307		6/48	3600		70
GW 10311		1/6	624		71
GW 10312		1/4	1408		71
GW 10321		1/4	1408		71
GW 10322		1/2	312		71
GW 10331		1/2	288	2	71
GW 10341		6/12	3240	6-8-19	69
GW 10351		6/12	3240	6-8-19	69
GW 10351		6/12	3240	6-8-19	97
GW 10351		6/12	3240	6-8-19	125
GW 10361		1/48	5760	2	72
GW 10362		1/24	5400	2	72
GW 10363		1/24	3240	2	72
GW 10364		1/24	3240	2	72
GW 10365		1/24	3240	2	72
GW 10366		1/24	3240	2	72
GW 10371		1/48	5760	2	72
GW 10372		1/24	3240	2	72
GW 10373		1/24	3240	2	72
GW 10374		1/24	3240	2	72
GW 10375		1/24	3240	2	72
GW 10376		1/24	3240	2	72
GW 10381		1/24	1728		72
GW 10382		1/24	1728		72
GW 10383		1/24	1728		72
GW 10386		1/24	2304		72
GW 10387		1/24	3840		72
GW 10401		1/24	2880		73
GW 10402		1/24	2880		73
GW 10403		1/24	3240		73
GW 10404		1/24	2880		73

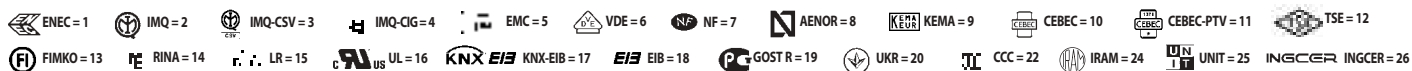
CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 10405		1/24	3240		73
GW 10406		1/24	6480		73
GW 10410		1/24	2880		73
GW 10421		1/24	1728		73
GW 10421		1/24	1728		302
GW 10422		1/24	2880		73
GW 10422		1/24	2880		304
GW 10423		1/24	2880		73
GW 10423		1/24	2880		302
GW 10424		1/24	1728		73
GW 10424		1/24	1728		304
GW 10425		1/24	3240		73
GW 10425		1/24	3240		305
GW 10426		1/24	3240		73
GW 10426		1/24	3240		305
GW 10427		1/24	3240		73
GW 10427		1/24	3240		305
GW 10431		1/48	3456		73
GW 10441		1/12	2112		74
GW 10442		1/12	2112		74
GW 10443		1/16	1536		74
GW 10445		1/12	3168		74
GW 10446		1/12	3168		74
GW 10451		12/24	6480		74
GW 10452		12/24	6480		74
GW 10453		1/24	3240		74
GW 10454		1/24	3240		74
GW 10456		1/24	0		74
GW 10457		1/24	2880		73
GW 10458		1/24	1728		74
GW 10461		1/12	3168	2	75
GW 10462		1/12	3168	2	75
GW 10463		1/12	3168	2	75
GW 10466		1/12	3168	2	75
GW 10467		1/12	4224	2	75
GW 10468		1/12	4224	2	75
GW 10482		1/6	1104		75
GW 10483		1/6	1104		75
GW 10485		1/6	1104		75
GW 10486		1/6	1104		75
GW 10488		1/6	1932		75
GW 10489		1/6	1104		75
GW 10491		1/12	4224		75
GW 10492		1/12	2340		75
GW 10501		20/240	86400	2-7-19	66
GW 10501		20/240	86400	2-7-19	94
GW 10501		20/240	86400	2-7-19	122
GW 10502		20/240	86400	2-7-19	66
GW 10502		20/240	86400	2-7-19	94
GW 10502		20/240	86400	2-7-19	122
GW 10503		20/240	86400	2-7-19	66
GW 10503		20/240	86400	2-7-19	94
GW 10503		20/240	86400	2-7-19	122
GW 10504		20/240	86400	2-7-19	66
GW 10504		20/240	86400	2-7-19	94
GW 10504		20/240	86400	2-7-19	122
GW 10505		20/240	86400	2-7-19	66
GW 10505		20/240	86400	2-7-19	94
GW 10505		20/240	86400	2-7-19	122
GW 10506		20/240	86400	2-7-19	66
GW 10506		20/240	86400	2-7-19	94



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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 10506		20/240	86400	2-7-19	122
GW 10507		20/240	86400	2-7-19	66
GW 10507		20/240	86400	2-7-19	94
GW 10507		20/240	86400	2-7-19	122
GW 10508		20/240	86400	2-7-19	66
GW 10508		20/240	86400	2-7-19	94
GW 10508		20/240	86400	2-7-19	122
GW 10509		20/240	86400	2-7-19	66
GW 10509		20/240	86400	2-7-19	94
GW 10509		20/240	86400	2-7-19	122
GW 10510		20/240	86400	2-7-19	66
GW 10510		20/240	86400	2-7-19	94
GW 10510		20/240	86400	2-7-19	122
GW 10511		20/240	86400	2-7-19	66
GW 10511		20/240	86400	2-7-19	94
GW 10511		20/240	86400	2-7-19	122
GW 10512		20/240	86400	2-7-19	66
GW 10512		20/240	86400	2-7-19	94
GW 10512		20/240	86400	2-7-19	122
GW 10513		20/240	86400	2-7-19	66
GW 10513		20/240	86400	2-7-19	94
GW 10513		20/240	86400	2-7-19	122
GW 10514		20/240	86400	2-7-19	66
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GW 10514		20/240	86400	2-7-19	122
GW 10515		20/240	86400	2-7-19	66
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GW 10516		20/240	86400	2-7-19	66
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GW 10518		20/240	86400	2-7-19	94
GW 10518		20/240	86400	2-7-19	122
GW 10531		20/240	86400	2-7-19	66
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GW 10532		20/240	86400	2-7-19	66
GW 10532		20/240	86400	2-7-19	94
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GW 10533		20/240	86400	2-7-19	66
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GW 10534		20/240	86400	2-7-19	122
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GW 10536		20/240	86400	2-7-19	122
GW 10537		20/240	86400	2-7-19	66
GW 10537		20/240	86400	2-7-19	94
GW 10537		20/240	86400	2-7-19	122
GW 10538		20/240	86400	2-7-19	66
GW 10538		20/240	86400	2-7-19	94
GW 10538		20/240	86400	2-7-19	122

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GW 10539		20/240	86400	2-7-19	94
GW 10539		20/240	86400	2-7-19	122
GW 10540		20/240	86400	2-7-19	66
GW 10540		20/240	86400	2-7-19	94
GW 10540		20/240	86400	2-7-19	122
GW 10541		4/48	17280	2-7-19	66
GW 10542		4/48	17280	2-7-19	66
GW 10543		4/48	17280	2-7-19	66
GW 10544		4/48	17280	2-7-19	66
GW 10545		4/48	17280	2-7-19	66
GW 10546		4/48	17280	2-7-19	66
GW 10547		4/48	17280	2-7-19	66
GW 10547		4/48	17280	2-7-19	94
GW 10547		4/48	17280	2-7-19	122
GW 10548		4/48	17280	2-7-19	66
GW 10548		4/48	17280	2-7-19	94
GW 10548		4/48	17280	2-7-19	122
GW 10549		4/48	17280	2-7-19	66
GW 10549		4/48	17280	2-7-19	94
GW 10549		4/48	17280	2-7-19	122
GW 10550		4/48	17280	2-7-19	66
GW 10550		4/48	17280	2-7-19	94
GW 10550		4/48	17280	2-7-19	122
GW 10561		1/12	2340	2	78
GW 10564		1/12	2340		78
GW 10567		1/12	2340		78
GW 10568		1/12	2340	2	78
GW 10571		1/12	2340		79
GW 10574		1/12	2340		79
GW 10581		1/2	288		78
GW 10582		1/2	246		78
GW 10583		1/2	450		78
GW 10591		1/4	780		67
GW 10592		1/2	702		67
GW 10597		1/4	780		67
GW 10601		1/24	5400		77
GW 10602		1/24	3240		77
GW 10606		1/24	5400		77
GW 10607		1/24	3240		77
GW 10611		1/6	1584		77
GW 10612		1/6	1584		77
GW 10621		1/24	7392	2	76
GW 10622		1/24	4224	2	76
GW 10623		1/24	4224	2	76
GW 10624		1/24	4224	2	76
GW 10628		1/24	4224	2	76
GW 10629		1/24	4224	2	76
GW 10631		1/24	1152	2	76
GW 10632		1/24	1152	2	76
GW 10633		1/24	1152	2	76
GW 10634		1/24	1152	2	76
GW 10641		2/48	12960	2	76
GW 10642		2/48	12960	2	76
GW 10643		2/48	12960	2	76
GW 10644		2/48	12960	2	76
GW 10651		1/24	2880	2	76
GW 10656		1/2	410	2	76
GW 10661		1/6	1932		77
GW 10662		1/12	2340		77
GW 10666		1/2	288		77



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GW 10681		1	195	17	174
GW 10682		1	195	17	174
GW 10683		1	128		174
GW 10684		10/40	23040		174
GW 10691		1	264		174
GW 10692		1	264		174
GW 10693		1	264		174
GW 10694		1	264		174
GW 10695		1	264		174
GW 10696		1	264		174
GW 10697		1	264		174
GW 10701		1/2	288		78
GW 10701		1/2	288		106
GW 10701		1/2	288		134
GW 10701		1/2	288		202
GW 10701		1/2	288		216
GW 10703		1/2	288		78
GW 10705		1/2	288		78
GW 10708		1/2	216		78
GW 10711		1/2	288	4	80
GW 10712		1/2	288	4	80
GW 10716		1/2	144		80
GW 10719		1/4	1404		80
GW 10721		1/12	3744	2	67
GW 10723		1/12	2340	2	67
GW 10724		1/12	2340		67
GW 10725		1/2	2340		62
GW 10726		1/12	2340		67
GW 10751		5/200	10800		143
GW 10751		5/200	10800		168
GW 10752		1	195	17	143
GW 10756		1	195	17	144
GW 10761		1	195	17	146
GW 10763		1	195	17	146
GW 10766		1	195	17	145
GW 10767		1	351	17	145
GW 10770		1	195		176
GW 10776		1	195	17	144
GW 10776		1	195	17	155
GW 10782		1	195	17	168
GW 10786		1	195	17	170
GW 10791		1	195	17	173
GW 10793		1	195	17	173
GW 10796		1	195	17	171
GW 10797		1	195	17	171
GW 10798		1	195	17	155
GW 10798		1	195	17	169
GW 10801		1	195	5	152
GW 10802		1	351	5	152
GW 10803		1	195	5	152
GW 10804		1	351	5	152
GW 10806		1	195	5	152
GW 10807		1	195	5	152
GW 10808		1	195	5	152
GW 10809		1	195	5	152
GW 10811		1	351	5	153
GW 10813		1	360	5	153
GW 10816		1	200	5	153
GW 10821		1	360	5	154
GW 10822		1	195	5	154
GW 10823		1	351	5	154

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		PACK/ CARTON	PALLET		
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GW 10841		1	351	5	153
GW 10841		1	351	5	237
GW 10851		1	195		153
GW 10851		1	195		237
GW 10861		1	312		158
GW 10862		1	312		156
GW 10866		1	195		158
GW 10867		1	195		157
GW 10881		50	9750		82
GW 10881		50	9750		110
GW 10881		50	9750		138
GW 10881		50	9750		220
GW 10881		50	9750		295
GW 10882		50	9750		82
GW 10882		50	9750		110
GW 10882		50	9750		138
GW 10882		50	9750		220
GW 10882		50	9750		295
GW 10883		50	17550		82
GW 10883		50	17550		110
GW 10883		50	17550		138
GW 10883		50	17550		220
GW 10883		50	17550		295
GW 10884		50	17550		82
GW 10884		50	17550		110
GW 10884		50	17550		138
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GW 10885		50	17550		82
GW 10885		50	17550		110
GW 10885		50	17550		138
GW 10885		50	17550		220
GW 10885		50	17550		295
GW 10893		50	9750		220
GW 10893		50	9750		275
GW 10893		50	9750		295
GW 10894		50	9750		82
GW 10894		50	9750		110
GW 10894		50	9750		138
GW 10894		50	9750		220
GW 10894		50	9750		295
GW 10898		50	9750		143
GW 10898		50	9750		168
GW 10899		50	9750		143
GW 10899		50	9750		168
GW 10901		1/12	2340		79
GW 10902		1/12	2340		79
GW 10903		1/12	2340		79
GW 10912		1/12	720		79
GW 10913		1/12	720		79
GW 10913		1/12	720		143
GW 10913		1/12	720		168
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GW 10914		1/12	0		168

GW12

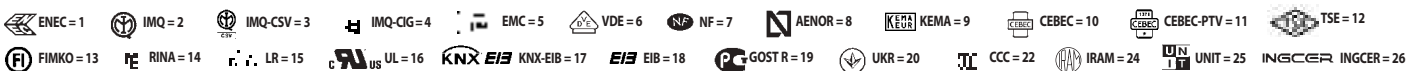
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GW 12002	12/24	7728	2-7-19-22	90
GW 12003	12/24	7728	2-7-19-22	90



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GW 12004		12/48	8064	2-7-19-22	90
GW 12005		12/24	4416	2-7-19-22	90
GW 12006		1/12	2340	2-19-22	90
GW 12007		12/24	7728	19	90
GW 12021		6/24	8448	2-7-19-22	90
GW 12022		6/24	6336	2-7-19-22	90
GW 12031		6/24	4032	2-6-7-19-22	90
GW 12031 F		6/24	3456	2-6-7-19	93
GW 12032		6/24	2304	2-6-7-19-22	90
GW 12032 F		6/24	1728	2-6-7-19	93
GW 12033		6/24	2304	2-6-7-19-22	90
GW 12033 F		6/24	1728	2-6-7-19	93
GW 12034		6/24	4032	2-6-7-19-22	90
GW 12034 F		6/24	1728	2-6-7-19	93
GW 12035		6/24	2304	2-6-7-19-22	90
GW 12035 F		6/24	1728	2-6-7-19	93
GW 12039		1/6	0		94
GW 12041		4/12	2640	2-19-22	90
GW 12042		4/12	1584	2-19-22	90
GW 12043		4/12	1584	2-19-22	90
GW 12051		12/96	9216	2-7-19-22	91
GW 12052		12/24	7728	2-7-19-22	91
GW 12053		12/24	7728	2-7-19-22	91
GW 12054		1/12	2340	2-19-22	91
GW 12061		6/24	6336	2-7-19-22	91
GW 12071		6/24	4032	2-6-7-19-22	91
GW 12071 F		6/24	3456	2-6-7-19	93
GW 12072		6/24	2304	2-6-7-19-22	91
GW 12072 F		6/24	1728	2-6-7-19	93
GW 12073		6/24	2304	2-6-7-19-22	91
GW 12073 F		6/24	1728	2-6-7-19	93
GW 12078 F		6/24	1728	2-6-7-19	93
GW 12081		4/12	2640	2-19-22	91
GW 12082		4/12	1584	2-19-22	91
GW 12083		4/12	1584	2-19-22	91
GW 12091		12/48	8064	2-7-19-22	91
GW 12092		12/24	7728	2-7-19-22	91
GW 12093		12/24	4416	2-7-19-22	91
GW 12101		6/12	3864	2-6-7-19-22	91
GW 12101 F		6/12	1620	2-6-7-19	93
GW 12102		6/12	2208	2-6-7-19-22	91
GW 12102 F		6/12	1620	2-6-7-19	93
GW 12103		6/12	2208	2-6-7-19-22	91
GW 12103 F		6/12	1620	2-6-7-19	93
GW 12111		4/12	1104	2-19-22	91
GW 12112		4/12	1104	2-19-22	91
GW 12113		4/12	1104	2-19-22	91
GW 12121		12/24	5400	2-7-19-22	91
GW 12131		12/96	9216	2-7-19-22	92
GW 12132		12/24	7728	2-7-19-22	92
GW 12133		12/24	7728	2-7-19-22	92
GW 12134		12/24	4416	2-7-19-22	92
GW 12135		12/24	4416	2-7-19-22	92
GW 12136		1/12	3744	2-7-19-22	92
GW 12137		12/24	4416	2-7-19-22	92
GW 12138		12/24	3240	2-19-22	92
GW 12139		12/24	3240	2-19-22	92
GW 12140		12/24	3240	2-7-19-22	92
GW 12141		12/24	3240	2-7-19-22	92
GW 12142		12/24	3240	2-19-22	92
GW 12143		12/24	3240	2-19-22	92

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GW 12144		12/24	3240	2-19-22	92
GW 12145		1/12	2340	2-19-22	92
GW 12151		12/24	7728	2-7-19-22	92
GW 12152		12/24	7728	2-7-19-22	92
GW 12153		12/24	7728	2-7-19-22	92
GW 12159 F		6/24	1728	2-6-7-19	93
GW 12160 F		6/24	1728	2-6-7-19	93
GW 12161		6/24	6336	2-7-19-22	92
GW 12162		6/24	6336	2-7-19-22	92
GW 12171		6/24	4032	2-6-7-19-22	92
GW 12171 F		6/24	1728	2-6-7-19	93
GW 12172		6/24	2304	2-6-7-19-22	92
GW 12172 F		6/24	3456	2-6-7-19	93
GW 12173		6/24	2304	2-6-7-19-22	92
GW 12173 F		6/24	1728	2-6-7-19	93
GW 12181		4/12	1584	2-19-22	92
GW 12182		4/12	1584	2-19-22	92
GW 12183		4/12	1584	2-19-22	92
GW 12191		6/24	2880	2-7-19-22	92
GW 12192		4/16	1152	19	92
GW 12194		6/48	2400		95
GW 12195		5/200	18000	2-7-19	95
GW 12196		1/48	3456	2-7-19	95
GW 12197		4/48	28080	2-7-19	95
GW 12198		1/48	5760	2-7-19	95
GW 12199		1/48	2304	2-7-19	95
GW 12201		12/96	7200	2-19	96
GW 12203		12/96	7200	2-19	96
GW 12204		6/48	3600	19	96
GW 12205		6/48	3600	2-19	96
GW 12208		6/24	2304	2-19	96
GW 12209		4/12	1104	2-19	96
GW 12241		6/48	3600	6-19	96
GW 12241 F		6/12	1620	6	97
GW 12246		1/24	3600	7-19	97
GW 12247		6/48	3600	7-19	97
GW 12247 F		6/12	1620	7	97
GW 12248		6/12	1620	7-19	97
GW 12281		1/24	3600		98
GW 12286		12/48	6912		98
GW 12287		12/48	6912		98
GW 12288		12/48	4608		98
GW 12296		6/48	3600		98
GW 12297		6/48	3600		98
GW 12298		6/48	0		98
GW 12301		6/48	3600		98
GW 12302		6/48	3600		98
GW 12306		6/48	3600		98
GW 12307		6/48	3600		98
GW 12311		1/6	2112		99
GW 12312		1/4	1408		99
GW 12321		1/4	1408		99
GW 12322		1/2	312		99
GW 12331		1/2	288	2	99
GW 12341		6/12	3240	6-8-19	97
GW 12361		1/48	5760	2	100
GW 12362		1/24	5400	2	100
GW 12363		1/24	3240	2	100
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GW 12366		1/24	3240	2	100

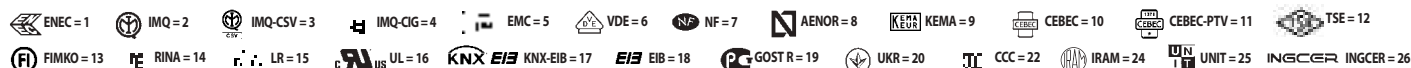


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GW 12372		1/24	3240	2	100
GW 12373		1/24	3240	2	100
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GW 12375		1/24	3240	2	100
GW 12376		1/24	3240	2	100
GW 12381		1/24	1728		100
GW 12382		1/24	1728		100
GW 12383		1/24	2880		100
GW 12386		1/24	2304		100
GW 12387		1/24	3840		100
GW 12401		1/24	2880		101
GW 12402		1/24	2880		101
GW 12403		1/24	3240		101
GW 12404		1/24	2880		101
GW 12405		1/24	3240		101
GW 12406		1/24	6480		101
GW 12410		1/24	2880		101
GW 12421		1/24	2880		101
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GW 12422		1/24	2880		101
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GW 12423		1/24	1728		101
GW 12423		1/24	1728		302
GW 12424		1/24	1728		101
GW 12424		1/24	1728		304
GW 12425		1/24	3240		101
GW 12425		1/24	3240		305
GW 12426		1/24	3240		101
GW 12426		1/24	3240		305
GW 12427		1/24	3240		101
GW 12427		1/24	3240		305
GW 12431		1/48	3456		101
GW 12441		1/12	2112		102
GW 12442		1/12	2112		102
GW 12443		1/16	1536		102
GW 12445		1/12	3168		102
GW 12446		1/12	3168		102
GW 12451		12/24	6480		102
GW 12452		12/24	6480		102
GW 12453		1/24	3240		102
GW 12454		1/24	3240		102
GW 12456		1/24	0		102
GW 12457		1/24	2880		101
GW 12458		1/24	1728		102
GW 12461		1/12	3168	2	103
GW 12462		1/12	3168	2	103
GW 12463		1/12	3168	2	103
GW 12466		1/12	3168	2	103
GW 12467		1/12	4224	2	103
GW 12468		1/12	4224	2	103
GW 12482		1/6	1104		103
GW 12483		1/6	1104		103
GW 12485		1/6	1104		103
GW 12486		1/6	1104		103
GW 12488		1/6	1104		103
GW 12489		1/6	1104		103
GW 12491		1/12	4224		103
GW 12492		1/12	2340		103
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GW 12542		4/48	17280	2-19	94

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GW 12543		4/48	17280	2-19	94
GW 12544		4/48	17280	2-19	94
GW 12545		4/48	17280	2-19	94
GW 12546		4/48	17280	2-19	94
GW 12561		1/12	2340	2	106
GW 12564		1/12	2340		106
GW 12567		1/12	2340		106
GW 12568		1/12	2340	2	106
GW 12571		1/12	2340		107
GW 12574		1/12	2340		107
GW 12581		1/2	288		106
GW 12582		1/2	246		106
GW 12583		1/2	450		106
GW 12591		1/4	780		95
GW 12592		1/2	702		95
GW 12596		1/2	216		67
GW 12596		1/2	216		95
GW 12596		1/2	216		123
GW 12597		1/4	780		95
GW 12601		1/24	3240		105
GW 12602		1/24	5400		105
GW 12606		1/24	5400		105
GW 12607		1/24	3240		105
GW 12611		1/6	1584		105
GW 12612		1/6	1584		105
GW 12621		1/24	7392	2	104
GW 12622		1/24	4224	2	104
GW 12623		1/24	4224	2	104
GW 12624		1/24	4224	2	104
GW 12628		1/24	4224	2	104
GW 12629		1/24	4224	2	104
GW 12631		1/24	1152	2	104
GW 12632		1/24	1152	2	104
GW 12633		1/24	2304	2	104
GW 12634		1/24	1152	2	104
GW 12641		2/48	12960	2	104
GW 12642		2/48	12960	2	104
GW 12643		2/48	12960	2	104
GW 12644		2/48	12960	2	104
GW 12651		1/24	2880	2	104
GW 12656		1/2	440	2	104
GW 12661		1/6	1932		105
GW 12662		1/12	2340		105
GW 12666		1/2	288		105
GW 12681		1	195	17	174
GW 12682		1	195	17	174
GW 12683		1	128		174
GW 12703		1/2	288		106
GW 12705		1/2	216		106
GW 12708		1/2	216		106
GW 12711		1/2	288	4	108
GW 12712		1/2	288	4	108
GW 12716		1/2	156		108
GW 12718		1/2	624		80
GW 12718		1/2	624		108
GW 12718		1/2	624		136
GW 12719		1/4	1404		108
GW 12721		1/12	2340	2	95
GW 12723		1/12	2340	2	95
GW 12724		1/12	2340		95
GW 12725		1/2	2340		90

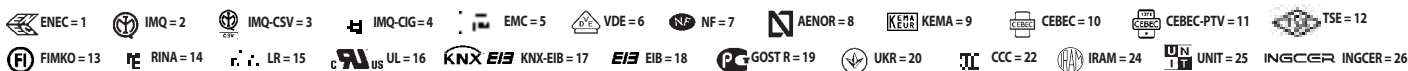


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GW 12751		5/200	10800		168
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GW 12756		1	195	17	144
GW 12766		1	195	17	145
GW 12767		1	351	17	145
GW 12770		1	195		176
GW 12771 TB		1	48	17	142
GW 12771 VA		1	48	17	142
GW 12771 VT		1	48	17	142
GW 12776		1	195	17	144
GW 12776		1	195	17	155
GW 12782		1	195	17	168
GW 12786		1	195	17	170
GW 12789 TB		1	48	17	166
GW 12789 VA		1	48	17	166
GW 12789 VT		1	48	17	166
GW 12796		1	195	17	171
GW 12797		1	195	17	171
GW 12798		1	195	17	155
GW 12798		1	195	17	169
GW 12801		1	351	5	152
GW 12802		1	351	5	152
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GW 12809		1	195	5	152
GW 12811		1	351	5	153
GW 12813		1	360	5	153
GW 12816		1	117	5	153
GW 12821		1	360	5	154
GW 12822		1	351	5	154
GW 12823		1	351	5	154
GW 12831		1	360	5	155
GW 12861		1	312		158
GW 12862		1	312		156
GW 12866		1	195		158
GW 12867		1	195		157
GW 12901		1/12	2340		107
GW 12902		1/12	2340		107
GW 12903		1/12	2340		107
GW 12912		1/12	720		107
GW 12913		1/12	720		107
GW 12913		1/12	720		143
GW 12913		1/12	720		168
GW 12914		1/12	0		107
GW 12914		1/12	0		143
GW 12914		1/12	0		168

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GW 14002		12/24	7728	2-7-19-22	118
GW 14003		12/24	7728	2-7-19-22	118
GW 14004		12/48	8064	2-7-19-22	118
GW 14005		12/24	4416	2-7-19-22	118
GW 14006		1/12	2340	2-19-22	118
GW 14007		12/24	7728	19	118
GW 14021		6/24	6336	2-7-19-22	118

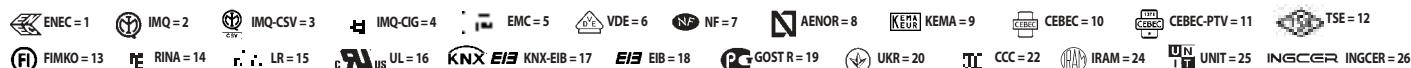
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GW 14032		6/24	2304	2-6-7-19-22	118
GW 14032 F		6/24	1728	2-6-7-19	121
GW 14033		6/24	2304	2-6-7-19-22	118
GW 14033 F		6/24	1728	2-6-7-19	121
GW 14034		6/24	2304	2-6-7-19-22	118
GW 14034 F		6/24	1728	2-6-7-19	121
GW 14035		6/24	2304	2-6-7-19-22	118
GW 14035 F		6/24	1728	2-6-7-19	121
GW 14039		1/6	1056		122
GW 14041		4/12	1584	2-19-22	118
GW 14042		4/12	1584	2-19-22	118
GW 14043		4/12	1584	2-19-22	118
GW 14051		12/96	9216	2-7-19-22	119
GW 14052		12/24	7728	2-7-19-22	119
GW 14053		12/24	7728	2-7-19-22	119
GW 14054		1/12	2340	2-19-22	119
GW 14061		6/24	6336	2-7-19-22	119
GW 14071		6/24	2304	2-6-7-19-22	119
GW 14071 F		6/24	3456	2-6-7-19	121
GW 14072		6/24	2304	2-6-7-19-22	119
GW 14072 F		6/24	1728	2-6-7-19	121
GW 14073		6/24	2304	2-6-7-19-22	119
GW 14073 F		6/24	1728	2-6-7-19	121
GW 14078 F		6/24	1728	2-6-7-19	121
GW 14081		4/12	1584	2-19-22	119
GW 14082		4/12	1584	2-19-22	119
GW 14083		4/12	1584	2-19-22	119
GW 14091		12/48	8064	2-7-19-22	119
GW 14092		12/24	7728	2-7-19-22	119
GW 14093		12/24	4416	2-7-19-22	119
GW 14101		6/12	2208	2-6-7-19-22	119
GW 14101 F		6/12	1620	2-6-7-19	121
GW 14102		6/12	2208	2-6-7-19-22	119
GW 14102 F		6/12	1620	2-6-7-19	121
GW 14103		6/12	2208	2-6-7-19-22	119
GW 14103 F		6/12	1620	2-6-7-19	121
GW 14111		4/12	1104	2-19-22	119
GW 14112		4/12	1104	2-19-22	119
GW 14113		4/12	1104	2-19-22	119
GW 14121		12/24	5400	2-7-19-22	119
GW 14131		12/96	9216	2-7-19-22	120
GW 14132		12/24	7728	2-7-19-22	120
GW 14133		12/24	7728	2-7-19-22	120
GW 14134		12/24	4416	2-7-19-22	120
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GW 14137		12/24	4416	2-7-19-22	120
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GW 14143		12/24	3240	2-19-22	120
GW 14144		12/24	3240	2-19-22	120
GW 14145		1/12	2340	2-19-22	120
GW 14151		12/24	4416	2-7-19-22	120
GW 14152		12/24	7728	2-7-19-22	120
GW 14153		12/24	7728	2-7-19-22	120



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GW 14160 F		6/24	1728	2-6-7-19	121
GW 14161		6/24	6336	2-7-19-22	120
GW 14162		6/24	6336	2-7-19-22	120
GW 14171		6/24	4032	2-6-7-19-22	120
GW 14171 F		6/24	1728	2-6-7-19	121
GW 14172		6/24	2304	2-6-7-19-22	120
GW 14172 F		6/24	1728	2-6-7-19	121
GW 14173		6/24	2304	2-6-7-19-22	120
GW 14173 F		6/24	1728	2-6-7-19	121
GW 14181		4/12	1584	2-19-22	120
GW 14182		4/12	1584	2-19-22	120
GW 14183		4/12	1584	2-19-22	120
GW 14191		6/24	2880	2-7-19-22	120
GW 14192		4/16	1152	19	120
GW 14194		6/48	2400		123
GW 14195		5/200	18000	2-7-19	123
GW 14196		1/48	3456	2-7-19	123
GW 14197		4/48	17280	2-7-19	123
GW 14198		1/48	3456	2-7-19	123
GW 14199		1/48	4608	2-7-19	123
GW 14201		12/96	7200	2-19	124
GW 14203		12/96	7200	2-19	124
GW 14204		6/48	3600	19	124
GW 14205		6/48	3600	2-19	124
GW 14208		6/24	2304	2-19	124
GW 14209		4/12	1104	2-19	124
GW 14241		6/48	3600	6-19	124
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GW 14246		1/24	3600	7-19	125
GW 14247		6/48	3600	7-19	125
GW 14247 F		6/12	1620	7	125
GW 14248		6/12	2700	7-19	125
GW 14281		1/24	3600		126
GW 14286		12/48	6912		126
GW 14287		12/48	6912		126
GW 14288		12/48	4608		126
GW 14296		6/48	3600		126
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GW 14301		6/48	3600		126
GW 14302		6/48	3600		126
GW 14306		6/48	3600		126
GW 14307		6/48	3600		126
GW 14311		1/6	2112		127
GW 14312		1/4	1408		127
GW 14321		1/4	1408		127
GW 14322		1/2	312		127
GW 14331		1/2	288	2	127
GW 14341		6/12	3240	6-8-19	125
GW 14361		1/48	5760	2	128
GW 14362		1/24	3240	2	128
GW 14363		1/24	3240	2	128
GW 14364		1/24	3240	2	128
GW 14365		1/24	3240	2	128
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GW 14374		1/24	3240	2	128
GW 14375		1/24	3240	2	128

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GW 14387		1/24	0		128
GW 14401		1/24	2880		129
GW 14402		1/24	2880		129
GW 14403		1/24	3240		129
GW 14404		1/24	2880		129
GW 14405		1/24	3240		129
GW 14406		1/24	6480		129
GW 14410		1/24	0		129
GW 14421		1/24	2880		129
GW 14421		1/24	2880		302
GW 14422		1/24	2880		129
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GW 14423		1/24	1728		129
GW 14423		1/24	1728		302
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GW 14424		1/24	2880		304
GW 14425		1/24	3240		129
GW 14425		1/24	3240		305
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GW 14426		1/24	3240		305
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GW 14427		1/24	3240		305
GW 14431		1/48	3456		129
GW 14441		1/12	2112		130
GW 14442		1/12	2112		130
GW 14443		1/16	1536		130
GW 14445		1/12	3168		130
GW 14446		1/12	3168		130
GW 14451		12/24	6480		130
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GW 14463		1/12	3168	2	131
GW 14466		1/12	3168	2	131
GW 14467		1/12	4224	2	131
GW 14468		1/12	4224	2	131
GW 14482		1/6	1104		131
GW 14483		1/6	1104		131
GW 14485		1/6	1104		131
GW 14486		1/6	1104		131
GW 14488		1/6	1104		131
GW 14489		1/6	1104		131
GW 14491		1/12	3168		131
GW 14492		1/12	2340		131
GW 14541		4/48	17280	2-19	122
GW 14542		4/48	17280	2-19	122
GW 14543		4/48	17280	2-19	122
GW 14544		4/48	17280	2-19	122
GW 14545		4/48	17280	2-19	122
GW 14546		4/48	17280	2-19	122
GW 14561		1/12	2340	2	134



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GW 14568		1/12	2340	2	134
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GW 14582		1/2	246		134
GW 14583		1/2	450		134
GW 14591		1/4	780		123
GW 14592		1/2	390		123
GW 14597		1/4	780		123
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GW 14602		1/24	5400		133
GW 14606		1/24	5400		133
GW 14607		1/24	3240		133
GW 14611		1/6	1584		133
GW 14612		1/6	1584		133
GW 14621		1/24	7392	2	132
GW 14622		1/24	4224	2	132
GW 14623		1/24	4224	2	132
GW 14624		1/24	4224	2	132
GW 14628		1/24	4224	2	132
GW 14629		1/24	4224	2	132
GW 14631		1/24	1152	2	132
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GW 14651		1/24	2880	2	132
GW 14656		1/2	440	2	132
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GW 14683		1	128		174
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GW 14701		1/2	312		216
GW 14703		1/2	288		134
GW 14705		1/2	288		134
GW 14708		1/2	216		134
GW 14711		1/2	216	4	136
GW 14712		1/2	288	4	136
GW 14716		1/2	144		136
GW 14719		1/4	1404		136
GW 14721		1/12	2340	2	123
GW 14723		1/12	2340	2	123
GW 14724		1/12	2340		123
GW 14725		1/2	2340		118
GW 14726		1/12	2340		123
GW 14751		5/200	10800		143
GW 14751		5/200	10800		168
GW 14752		1	195	17	143
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GW 14761		1	195	17	146

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GW 14770		1	195		176
GW 14776		1	195	17	144
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GW 14841		1	351	5	153
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GW 14851		1	195		237
GW 14861		1	312		158
GW 14862		1	312		156
GW 14866		1	195		158
GW 14867		1	195		157
GW 14901		1/12	2340		135
GW 14902		1/12	2340		135
GW 14903		1/12	2340		135
GW 14912		1/12	720		135
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GW 14913		1/12	0		143
GW 14913		1/12	0		168
GW 14914		1/12	0		135
GW 14914		1/12	0		143
GW 14914		1/12	0		168

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GW 16102 MC	12	2460	2-7-19-22	39
GW 16102 MO	12	2460	2-7-19-22	39
GW 16102 TB	96	2304	2-7-19-22	38
GW 16102 TN	12	2460	2-7-19-22	38
GW 16102 VA	12	2460	2-7-19-22	38
GW 16102 VB	12	2460	2-7-19-22	39
GW 16102 VR	12	2460	2-7-19-22	39
GW 16102 VT	12	2460	2-7-19-22	38
GW 16103 MC	12	2460	2-7-19-22	39
GW 16103 MO	12	2460	2-7-19-22	39
GW 16103 TB	96	5760	2-7-19-22	38
GW 16103 TN	24	2880	2-7-19-22	38

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GW 16103 VR		24	2880	2-7-19-22	39
GW 16103 VT		24	2880	2-7-19-22	38
GW 16104 MC		12	1920	2-7-19-22	39
GW 16104 MO		12	1920	2-7-19-22	39
GW 16104 TB		12	1920	2-7-19-22	38
GW 16104 TN		12	1920	2-7-19-22	38
GW 16104 VA		12	1920	2-7-19-22	38
GW 16104 VB		12	1920	2-7-19-22	39
GW 16104 VR		12	1920	2-7-19-22	39
GW 16104 VT		12	1920	2-7-19-22	38
GW 16106 MC		6	900	2-7-19-22	39
GW 16106 MO		6	900	2-7-19-22	39
GW 16106 TB		12	1440	2-7-19-22	38
GW 16106 TN		6	900	2-7-19-22	38
GW 16106 VA		6	900	2-7-19-22	38
GW 16106 VB		6	540	2-7-19-22	39
GW 16106 VR		6	540	2-7-19-22	39
GW 16106 VT		6	900	2-7-19-22	38
GW 16108 TB		6	720	2-7-19-22	38
GW 16108 VT		6	720	2-7-19-22	38
GW 16112 TB		6	720	2-7-19-22	38
GW 16112 VT		6	720	2-7-19-22	38
GW 16122 MC		12	2460	2-6-19-22	31
GW 16122 MO		12	2460	2-6-19-22	31
GW 16122 TB		12	2460	2-6-19-22	30
GW 16122 TN		12	2460	2-6-19-22	30
GW 16122 VA		12	2460	2-6-19-22	30
GW 16122 VB		12	2460	2-6-19-22	31
GW 16122 VR		12	2460	2-6-19-22	31
GW 16122 VT		12	2460	2-6-19-22	30
GW 16123 MC		6	1872	2-6-19	31
GW 16123 MO		6	1872	2-6-19	31
GW 16123 TB		12	1920	2-6-19	30
GW 16123 TN		12	1920	2-6-19	30
GW 16123 VA		6	1872	2-6-19	30
GW 16123 VB		12	1920	2-6-19	31
GW 16123 VR		12	1920	2-6-19	31
GW 16123 VT		12	1920	2-6-19	30
GW 16124 MC		6	1170	2-6-19	31
GW 16124 MO		6	1872	2-6-19	31
GW 16124 TB		12	1920	2-6-19	30
GW 16124 TN		12	1920	2-6-19	30
GW 16124 VA		6	1872	2-6-19	30
GW 16124 VB		12	1920	2-6-19	31
GW 16124 VR		12	1920	2-6-19	31
GW 16124 VT		12	1920	2-6-19	30
GW 16125 MC		6	1170	2-19	31
GW 16125 MO		6	1872	2-19	31
GW 16125 TB		12	1920	2-19	30
GW 16125 TN		12	1044	2-19	30
GW 16125 VA		6	1872	2-19	30
GW 16125 VB		12	1044	2-19	31
GW 16125 VR		12	1920	2-19	31
GW 16125 VT		12	1920	2-19	30
GW 16126 MC		6	900	2-6-19	31
GW 16126 MO		6	900	2-6-19	31
GW 16126 TB		6	900	2-6-19	30
GW 16126 TN		6	900	2-6-19	30
GW 16126 VA		6	900	2-6-19	30

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GW 16126 VB		6	900	2-6-19	31
GW 16126 VR		6	900	2-6-19	31
GW 16126 VT		6	900	2-6-19	30
GW 16127 MC		6	900	2-6-19	31
GW 16127 MO		6	900	2-6-19	31
GW 16127 TB		6	900	2-6-19	30
GW 16127 TN		6	900	2-6-19	30
GW 16127 VA		6	900	2-6-19	30
GW 16127 VB		6	900	2-6-19	31
GW 16127 VR		6	900	2-6-19	31
GW 16127 VT		6	900	2-6-19	30
GW 16128 MC		6	342	2	31
GW 16128 MO		6	342	2	31
GW 16128 TB		6	570	2	30
GW 16128 TN		6	570	2	30
GW 16128 VA		6	342	2	30
GW 16128 VB		6	342	2	31
GW 16128 VR		6	342	2	31
GW 16128 VT		6	342	2	30
GW 16129 MC		6	342	2	31
GW 16129 MO		6	342	2	31
GW 16129 TB		6	570	2	30
GW 16129 TN		6	570	2	30
GW 16129 VA		6	342	2	30
GW 16129 VB		6	342	2	31
GW 16129 VR		6	342	2	31
GW 16129 VT		6	342	2	30
GW 16202 CA		1	800	2-7-19-22	44
GW 16202 CG		1	800	2-7-19-22	44
GW 16202 CO		1	800	2-7-19-22	44
GW 16202 LA		1	480	2-7-19-22	43
GW 16202 LC		1	480	2-7-19-22	43
GW 16202 LW		1	480	2-7-19-22	43
GW 16202 MC		6	1230	2-7-19-22	42
GW 16202 MD		6	0		43
GW 16202 MI		1	800	2-7-19-22	43
GW 16202 ML		6	0		43
GW 16202 MO		6	1230	2-7-19-22	42
GW 16202 PB		1	800	2-7-19-22	44
GW 16202 PN		1	480	2-7-19-22	44
GW 16202 PR		1	480	2-7-19-22	44
GW 16202 TB		12	1152	2-7-19-22	42
GW 16202 TN		12	1152	2-7-19-22	42
GW 16202 VA		6	1230	2-7-19-22	42
GW 16202 VT		12	1152	2-7-19-22	42
GW 16202 XT		6	0		43
GW 16203 CA		1	800	2-7-19-22	44
GW 16203 CG		1	800	2-7-19-22	44
GW 16203 CO		1	800	2-7-19-22	44
GW 16203 LA		1	800	2-7-19-22	43
GW 16203 LC		1	800	2-7-19-22	43
GW 16203 LW		1	800	2-7-19-22	43
GW 16203 MC		6	1230	2-7-19-22	42
GW 16203 MD		6	0		43
GW 16203 MI		1	800	2-7-19-22	43
GW 16203 ML		6	0		43
GW 16203 MO		6	1230	2-7-19-22	42
GW 16203 PB		1	800	2-7-19-22	44
GW 16203 PN		1	800	2-7-19-22	44
GW 16203 PR		1	800	2-7-19-22	44
GW 16203 TB		12	1152	2-7-19-22	42



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GW 16203 TN		12	1152	2-7-19-22	42
GW 16203 VA		6	1230	2-7-19-22	42
GW 16203 VT		12	1152	2-7-19-22	42
GW 16203 XT		6	0		43
GW 16204 CA		1	800	2-7-19	44
GW 16204 CG		1	800	2-7-19	44
GW 16204 CO		1	800	2-7-19	44
GW 16204 LA		1	800	2-7-19	43
GW 16204 LC		1	800	2-7-19	43
GW 16204 LW		1	800	2-7-19	43
GW 16204 MC		6	1230	2-7-19	42
GW 16204 MD		6	0		43
GW 16204 MI		1	480	2-7-19	43
GW 16204 ML		6	0		43
GW 16204 MO		6	1230	2-7-19	42
GW 16204 PB		1	800	2-7-19	44
GW 16204 PN		1	800	2-7-19	44
GW 16204 PR		1	800	2-7-19	44
GW 16204 TB		12	1152	2-7-19	42
GW 16204 TN		12	1152	2-7-19	42
GW 16204 VA		6	1230	2-7-19	42
GW 16204 VT		12	1152	2-7-19	42
GW 16204 XT		6	0		43
GW 16206 CA		1	360	2-7-19	44
GW 16206 CG		1	360	2-7-19	44
GW 16206 CO		1	360	2-7-19	44
GW 16206 LA		1	360	2-7-19	43
GW 16206 LC		1	360	2-7-19	43
GW 16206 LW		1	360	2-7-19	43
GW 16206 MC		6	960	2-7-19	42
GW 16206 MD		6	0		43
GW 16206 MI		1	600	2-7-19	43
GW 16206 ML		6	0		43
GW 16206 MO		6	522	2-7-19	42
GW 16206 PB		1	360	2-7-19	44
GW 16206 PN		1	360	2-7-19	44
GW 16206 PR		1	360	2-7-19	44
GW 16206 TB		6	960	2-7-19	42
GW 16206 TN		6	960	2-7-19	42
GW 16206 VA		6	960	2-7-19	42
GW 16206 VT		6	960	2-7-19	42
GW 16206 XT		6	0		43
GW 16222 CA		1	800	2	37
GW 16222 CG		1	1200	2	37
GW 16222 CO		1	1200	2	37
GW 16222 LA		12	1152	2-6-19-22	33
GW 16222 LC		12	1152	2-6-19-22	33
GW 16222 LW		12	1152	2-6-19-22	33
GW 16222 MA		1	1200	2	36
GW 16222 MC		12	1152	2-6-19-22	33
GW 16222 MF		1	800	2	36
GW 16222 MI		1	800	2	36
GW 16222 MO		12	1152	2-6-19-22	33
GW 16222 PB		12	1152	2-6-19-22	34
GW 16222 PN		12	1152	2-6-19-22	34
GW 16222 PR		12	1152	2-6-19-22	34
GW 16222 RL		12	1152	2-6-19-22	35
GW 16222 RN		12	1152	2-6-19-22	35
GW 16222 RS		12	1152	2-6-19-22	35
GW 16222 TB		12	1152	2-6-19-22	32
GW 16222 TN		12	1152	2-6-19-22	32

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		PACK/ CARTON	PALLET		
GW 16222 VA		12	1152	2-6-19-22	32
GW 16222 VT		12	1152	2-6-19-22	32
GW 16223 CA		1	600	2	37
GW 16223 CG		1	600	2	37
GW 16223 CO		1	600	2	37
GW 16223 LA		6	576	2-6-19	33
GW 16223 LC		6	576	2-6-19	33
GW 16223 LW		6	960	2-6-19	33
GW 16223 MA		1	600	2	36
GW 16223 MC		6	522	2-6-19	33
GW 16223 MF		1	600	2	36
GW 16223 MI		1	600	2	36
GW 16223 MO		6	522	2-6-19	33
GW 16223 PB		6	960	2-6-19	34
GW 16223 PN		6	960	2-6-19	34
GW 16223 PR		6	960	2-6-19	34
GW 16223 RL		6	960	2-6-19	35
GW 16223 RN		6	960	2-6-19	35
GW 16223 RS		6	522	2-6-19	35
GW 16223 TB		6	960	2-6-19	32
GW 16223 TN		6	960	2-6-19	32
GW 16223 VA		6	960	2-6-19	32
GW 16223 VT		6	960	2-6-19	32
GW 16224 CA		1	600	2	37
GW 16224 CG		1	600	2	37
GW 16224 CO		1	600	2	37
GW 16224 LA		6	960	2-6-19	33
GW 16224 LC		6	960	2-6-19	33
GW 16224 LW		6	960	2-6-19	33
GW 16224 MA		1	600	2	36
GW 16224 MC		6	930	2-6-19	33
GW 16224 MF		1	800	2	36
GW 16224 MI		1	600	2	36
GW 16224 MO		6	930	2-6-19	33
GW 16224 PB		6	930	2-6-19	34
GW 16224 PN		6	930	2-6-19	34
GW 16224 PR		6	930	2-6-19	34
GW 16224 RL		6	930	2-6-19	35
GW 16224 RN		6	930	2-6-19	35
GW 16224 RS		6	930	2-6-19	35
GW 16224 TB		6	960	2-6-19	32
GW 16224 TN		6	930	2-6-19	32
GW 16224 VA		6	930	2-6-19	32
GW 16224 VT		6	960	2-6-19	32
GW 16225 CA		1	600	2	37
GW 16225 CG		1	600	2	37
GW 16225 CO		1	600	2	37
GW 16225 LA		6	960	2-19	33
GW 16225 LC		6	960	2-19	33
GW 16225 LW		6	960	2-19	33
GW 16225 MA		1	800	2	36
GW 16225 MC		6	930	2-19	33
GW 16225 MF		1	600	2	36
GW 16225 MI		1	800	2	36
GW 16225 MO		6	930	2-19	33
GW 16225 PB		6	930	2-19	34
GW 16225 PN		6	930	2-19	34
GW 16225 PR		6	930	2-19	34
GW 16225 RL		6	930	2-19	35
GW 16225 RN		6	930	2-19	35
GW 16225 RS		6	930	2-19	35



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GW 16225 TB		6	930	2-19	32
GW 16225 TN		6	930	2-19	32
GW 16225 VA		6	930	2-19	32
GW 16225 VT		6	522	2-19	32
GW 16226 CA		1	600	2	37
GW 16226 CG		1	600	2	37
GW 16226 CO		1	600	2	37
GW 16226 LA		6	486	2-6-19	33
GW 16226 LC		6	810	2-6-19	33
GW 16226 LW		6	810	2-6-19	33
GW 16226 MA		1	600	2	36
GW 16226 MC		6	486	2-6-19	33
GW 16226 MF		1	600	2	36
GW 16226 MI		1	600	2	36
GW 16226 MO		6	486	2-6-19	33
GW 16226 PB		6	810	2-6-19	34
GW 16226 PN		6	810	2-6-19	34
GW 16226 PR		6	810	2-6-19	34
GW 16226 RL		6	486	2-6-19	35
GW 16226 RN		6	810	2-6-19	35
GW 16226 RS		6	486	2-6-19	35
GW 16226 TB		6	810	2-6-19	32
GW 16226 TN		6	810	2-6-19	32
GW 16226 VA		6	486	2-6-19	32
GW 16226 VT		6	810	2-6-19	32
GW 16227 CA		1	600	2	37
GW 16227 CG		1	600	2	37
GW 16227 CO		1	600	2	37
GW 16227 LA		6	486	2-6-19	33
GW 16227 LC		6	810	2-6-19	33
GW 16227 LW		6	486	2-6-19	33
GW 16227 MA		1	600	2	36
GW 16227 MC		6	720	2-6-19	33
GW 16227 MF		1	600	2	36
GW 16227 MI		1	600	2	36
GW 16227 MO		6	720	2-6-19	33
GW 16227 PB		6	720	2-6-19	34
GW 16227 PN		6	720	2-6-19	34
GW 16227 PR		6	720	2-6-19	34
GW 16227 RL		6	720	2-6-19	35
GW 16227 RN		6	720	2-6-19	35
GW 16227 RS		6	720	2-6-19	35
GW 16227 TB		6	720	2-6-19	32
GW 16227 TN		6	720	2-6-19	32
GW 16227 VA		6	720	2-6-19	32
GW 16227 VT		6	810	2-6-19	32
GW 16228 CA		1	400	2	37
GW 16228 CG		1	400	2	37
GW 16228 CO		1	400	2	37
GW 16228 LA		6	342	2-6	33
GW 16228 LC		6	342	2-6	33
GW 16228 LW		6	342	2-6	33
GW 16228 MA		1	400	2	36
GW 16228 MC		6	570	2-6	33
GW 16228 MF		1	400	2	36
GW 16228 MI		1	400	2	36
GW 16228 MO		6	342	2	33
GW 16228 PB		6	342	2-6	34
GW 16228 PN		6	342	2-6	34
GW 16228 PR		6	342	2-6	34
GW 16228 RL		6	342	2-6	35

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GW 16228 RN		6	342	2-6	35
GW 16228 RS		6	342	2-6	35
GW 16228 TB		6	342	2-6	32
GW 16228 TN		6	342	2-6	32
GW 16228 VA		6	342	2-6	32
GW 16228 VT		6	342	2-6	32
GW 16229 CA		1	400	2	37
GW 16229 CG		1	400	2	37
GW 16229 CO		1	400	2	37
GW 16229 LA		6	342	2-6	33
GW 16229 LC		6	342	2-6	33
GW 16229 LW		6	342	2-6	33
GW 16229 MA		1	400	2	36
GW 16229 MC		6	342	2-6	33
GW 16229 MF		1	400	2	36
GW 16229 MI		1	400	2	36
GW 16229 MO		6	0	2	33
GW 16229 PB		6	342	2-6	34
GW 16229 PN		6	342	2-6	34
GW 16229 PR		6	570	2-6	34
GW 16229 RL		6	342	2-6	35
GW 16229 RN		6	342	2-6	35
GW 16229 RS		6	342	2-6	35
GW 16229 TB		6	342	2-6	32
GW 16229 TN		6	342	2-6	32
GW 16229 VA		6	570	2-6	32
GW 16229 VT		6	342	2-6	32
GW 16302 CA		1	800	2-7-19-22	51
GW 16302 CG		1	480	2-7-19-22	51
GW 16302 CO		1	480	2-7-19-22	51
GW 16302 LA		1	480	2-7-19-22	50
GW 16302 LC		1	800	2-7-19-22	50
GW 16302 LW		1	480	2-7-19-22	50
GW 16302 MC		6	1230	2-7-19-22	49
GW 16302 MO		6	1230	2-7-19-22	49
GW 16302 PB		1	480	2-7-19-22	50
GW 16302 PN		1	480	2-7-19-22	50
GW 16302 PR		1	480	2-7-19-22	50
GW 16302 RL		1	480	2-7-19-22	51
GW 16302 RN		1	800	2-7-19-22	51
GW 16302 RS		1	480	2-7-19-22	51
GW 16302 TB		6	1230	2-7-19-22	49
GW 16302 TN		6	1230	2-7-19-22	49
GW 16302 VA		6	1230	2-7-19-22	49
GW 16302 VT		6	1230	2-7-19-22	49
GW 16303 CA		1	800	2-7-19-22	51
GW 16303 CG		1	800	2-7-19-22	51
GW 16303 CO		1	800	2-7-19-22	51
GW 16303 LA		1	800	2-7-19-22	50
GW 16303 LC		1	800	2-7-19-22	50
GW 16303 LW		1	800	2-7-19-22	50
GW 16303 MC		6	1230	2-7-19-22	49
GW 16303 MO		6	1230	2-7-19-22	49
GW 16303 PB		1	800	2-7-19-22	50
GW 16303 PN		1	800	2-7-19-22	50
GW 16303 PR		1	480	2-7-19-22	50
GW 16303 RL		1	800	2-7-19-22	51
GW 16303 RN		1	800	2-7-19-22	51
GW 16303 RS		1	800	2-7-19-22	51
GW 16303 TB		12	1152	2-7-19-22	49
GW 16303 TN		12	1152	2-7-19-22	49



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GW 16303 VA		6	1230	2-7-19-22	49
GW 16303 VT		12	1152	2-7-19-22	49
GW 16304 CA		1	360	2-7-19	51
GW 16304 CG		1	600	2-7-19	51
GW 16304 CO		1	600	2-7-19	51
GW 16304 LA		1	600	2-7-19	50
GW 16304 LC		1	600	2-7-19	50
GW 16304 LW		1	600	2-7-19	50
GW 16304 MC		6	960	2-7-19	49
GW 16304 MO		6	522	2-7-19	49
GW 16304 PB		1	360	2-7-19	50
GW 16304 PN		1	360	2-7-19	50
GW 16304 PR		1	360	2-7-19	50
GW 16304 RL		1	600	2-7-19	51
GW 16304 RN		1	600	2-7-19	51
GW 16304 RS		1	600	2-7-19	51
GW 16304 TB		6	960	2-7-19	49
GW 16304 TN		6	960	2-7-19	49
GW 16304 VA		6	960	2-19	49
GW 16304 VT		6	960	2-19	49
GW 16402 MC		12	0		41
GW 16402 MO		12	0		41
GW 16402 TB		96	2304		40
GW 16402 TN		12	2460		40
GW 16402 VA		12	0		40
GW 16402 VB		12	0		41
GW 16402 VR		12	0		41
GW 16402 VT		12	2460		40
GW 16403 MC		12	0		41
GW 16403 MO		12	0		41
GW 16403 TB		96	0		40
GW 16403 TN		24	0		40
GW 16403 VA		12	0		40
GW 16403 VB		24	0		41
GW 16403 VR		24	0		41
GW 16403 VT		24	2880		40
GW 16404 MC		12	0		41
GW 16404 MO		12	0		41
GW 16404 TB		12	0		40
GW 16404 TN		12	0		40
GW 16404 VA		12	0		40
GW 16404 VB		12	0		41
GW 16404 VR		12	0		41
GW 16404 VT		12	0		40
GW 16406 MC		6	0		41
GW 16406 MO		6	0		41
GW 16406 TB		12	0		40
GW 16406 TN		6	0		40
GW 16406 VA		6	0		40
GW 16406 VB		6	0		41
GW 16406 VR		6	0		41
GW 16406 VT		6	0		40
GW 16502		5/80	1200	2-19	53
GW 16503		3/60	960	2-19	53
GW 16504		1/40	600	2-19	53
GW 16512		5/60	540	2-19	53
GW 16513		2/40	360	2-19	53
GW 16514		1/30	270	2-19	53
GW 16602 CA		1	0		45
GW 16602 CB		1	0		45
GW 16602 CI		1	0		46

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GW 16602 CL		1	0		45
GW 16602 CM		1	0		46
GW 16602 CN		1	0		45
GW 16602 CO		1	0		46
GW 16602 CR		1	0		46
GW 16602 CS		1	0		46
GW 16602 CV		1	0		45
GW 16602 LB		1	0		48
GW 16602 LC		1	0		48
GW 16602 LM		1	0		48
GW 16602 LN		1	0		48
GW 16602 LW		1	0		48
GW 16602 MA		1	0		47
GW 16602 MF		1	0		47
GW 16602 MI		1	0		47
GW 16602 MT		1	0		47
GW 16602 MU		1	0		47
GW 16603 CA		1	0		45
GW 16603 CB		1	0		45
GW 16603 CI		1	0		46
GW 16603 CL		1	0		45
GW 16603 CM		1	0		46
GW 16603 CN		1	0		45
GW 16603 CO		1	0		46
GW 16603 CR		1	0		46
GW 16603 CS		1	0		46
GW 16603 CV		1	0		45
GW 16603 LB		1	0		48
GW 16603 LC		1	0		48
GW 16603 LM		1	0		48
GW 16603 LN		1	0		48
GW 16603 LW		1	0		48
GW 16603 MA		1	0		47
GW 16603 MF		1	0		47
GW 16603 MI		1	0		47
GW 16603 MT		1	0		47
GW 16603 MU		1	0		47
GW 16604 CA		1	0		45
GW 16604 CB		1	0		45
GW 16604 CI		1	0		46
GW 16604 CL		1	0		45
GW 16604 CM		1	0		46
GW 16604 CN		1	0		45
GW 16604 CO		1	0		46
GW 16604 CR		1	0		46
GW 16604 CS		1	0		46
GW 16604 CV		1	0		45
GW 16604 LB		1	0		48
GW 16604 LC		1	0		48
GW 16604 LM		1	0		48
GW 16604 LN		1	0		48
GW 16604 LW		1	0		48
GW 16604 MA		1	0		47
GW 16604 MF		1	0		47
GW 16604 MI		1	0		47
GW 16604 MT		1	0		47
GW 16604 MU		1	0		47
GW 16702 TB		1/24	624	2-19	52
GW 16702 TN		1/12	900	2-19	52
GW 16703 TB		1/24	936	2-19	52
GW 16703 TN		1/12	864	2-19	52

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		PACK/ CARTON	PALLET		
GW 16704 TB		1/24	288	2-19	52
GW 16704 TN		1/12	384	2-19	52
GW 16711 TB		1/48	768	2-19	52
GW 16711 TN		1/24	768	2-19	52
GW 16711 VT		1/12	900	2-19	52
GW 16712 TB		1/48	576	2-19	52
GW 16712 TN		1/24	576	2-19	52
GW 16712 VT		1/12	1440	2-19	52
GW 16723 TB		1/24	2880	2-19	52
GW 16723 TN		1/12	2460	2-19	52
GW 16724 TB		1/24	2880	2-19	52
GW 16724 TN		1/12	1920	2-19	52
GW 16743		3/60	2160	2-19	53
GW 16743		3/60	2160	2-19	315
GW 16744		1/30	480	2-19	53
GW 16744		1/30	480	2-19	315
GW 16752		1/30	360	2-19	53
GW 16752		1/30	360	2-19	315
GW 16753		1/15	180	2-19	53
GW 16753		1/15	180	2-19	315
GW 16754		1/15	180	2-19	53
GW 16754		1/15	180	2-19	315
GW 16773		3/30	480	2-19	53
GW 16773		3/30	480	2-19	315
GW 16774		1/30	480	2-19	53
GW 16774		1/30	480	2-19	315
GW 16782		1/30	360	2-19	53
GW 16782		1/30	360	2-19	315
GW 16783		1/15	180	2-19	53
GW 16783		1/15	180	2-19	315
GW 16784		1/15	180	2-19	53
GW 16784		1/15	180	2-19	315
GW 16802		12/120	2880	2-7-19-22	54
GW 16803		12/240	8640	2-7-19-22	54
GW 16804		12/120	7200	2-7-19-22	54
GW 16806		12/120	1440	2-7-19-22	54
GW 16808		12/48	768	2-7-19-22	54
GW 16812		12/48	768	2-7-19-22	54
GW 16821		12/120	2880	2-6-7-19-22	54
GW 16822		20/120	2880	2-22	54
GW 16823		12/120	1920		54
GW 16824		12/60	2340	2	54
GW 16825		12/48	1152	2	54
GW 16831		10/160	3840	2	54
GW 16841		5/300	4800	2-19	54
GW 16842		5/150	2400	2-19	54
GW 16854		1/30	720	2-19	52
GW 16856		1/15	480	2-19	52
GW 16864		1/30	720	2-19	52
GW 16866		1/15	480	2-19	52
GW 16871		60/480	0		54
GW 16873		120/480	0		54
GW 16874		60/240	0		54
GW 16876		60/240	7680		54
GW20					
GW 20005		15/30	2100	2-7-19-24-25	192
GW 20008		15/30	2100	2-7-19-24-25	192
GW 20024		20/40	3840	2-19-24	193
GW 20056		10/480	46080	2-19	193
GW 20058		60/120	8640	2-19	193

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		PACK/ CARTON	PALLET		
GW 20071		1/5	1560	2	194
GW 20072		1/5	780	2	194
GW 20073		30/60	2400	2-19	193
GW 20074		1/5	780		194
GW 20076		1/5	780		194
GW 20201		80/160	15360	2-19-25	195
GW 20203		80/320	19200	2-19-25	195
GW 20205		30/60	5760	2-19-25	195
GW 20206		30/60	2400	7-19	195
GW 20207		30/60	2400	7-19-25	195
GW 20208		30/60	2400	19	195
GW 20209		30/60	2400	19	195
GW 20212		30/60	4320	19	195
GW 20213		30/60	6600	19	195
GW 20214		30/60	4320	19	195
GW 20216		30/60	2280	19	195
GW 20217		30/60	6600	19	195
GW 20218		30/60	3000	19	196
GW 20220		30/60	7800	19	196
GW 20228		30/60	4320		197
GW 20229		30/60	2280		197
GW 20230		30/60	2280		197
GW 20231		30/60	2280		197
GW 20232		15/30	3360		198
GW 20232		15/30	3360		302
GW 20233		15/30	2160		199
GW 20234		15/30	3240		197
GW 20235		15/30	1920		198
GW 20237		15/30	1920		199
GW 20238		20/40	1440	2	199
GW 20239		15/30	1920		197
GW 20241		15/30	3840		197
GW 20243		15/30	3780		199
GW 20243		15/30	3780		304
GW 20246		30/120	7200	19	195
GW 20248		30/60	1200	19-24	196
GW 20251		15/30	3360		198
GW 20252		15/30	4320		198
GW 20265		30/60	5760	8-19-24	195
GW 20266		1/120	3600		199
GW 20267		1/120	3600	19	199
GW 20270		1/120	6000		199
GW 20271		15/30	2160		199
GW 20271		15/30	2160		302
GW 20272		15/30	3780		198
GW 20277		50/200	0		72
GW 20277		50/200	0		72
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GW 20277		50/200	0		128
GW 20277		50/200	0		197
GW 20277		50/200	0		197
GW 20277		50/200	0		211
GW 20277		50/200	0		211
GW 20277		50/200	0		266
GW 20277		50/200	0		266
GW 20277		50/200	0		292
GW 20277		50/200	0		292
GW 20281		30/60	2280	2-19	196
GW 20281		30/60	2280	2-19	210



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GW 20282		15/30	2160	19	196
GW 20282		15/30	2160	19	210
GW 20283		15/30	1080	8-19	196
GW 20283		15/30	1080	8-19	210
GW 20286		30/60	2280	2-19	196
GW 20286		30/60	2280	2-19	210
GW 20287		15/30	1140	19	196
GW 20287		15/30	1140	19	210
GW 20288		15/30	2160	8-19	196
GW 20288		15/30	2160	8-19	210
GW 20291		30/60	2400	19	195
GW 20295		30/60	4320	2-25	196
GW 20295		30/60	4320	2-25	210
GW 20296		15/30	2160	19	196
GW 20296		15/30	2160	19	210
GW 20297		15/30	2160	8-19-25	196
GW 20297		15/30	2160	8-19-25	210
GW 20298		15/30	2160		196
GW 20298		15/30	2160		210
GW 20312		15/30	1140	7-19	196
GW 20312		15/30	1140	7-19	210
GW 20351		30/60	4320	19	195
GW 20356		30/60	1200	19	196
GW 20357		30/60	1200	19	196
GW 20381		15/30	3360	2	197
GW 20382		15/30	3360	2	197
GW 20383		15/30	1920	2	197
GW 20384		15/30	1920	2	197
GW 20385		15/30	1920	2	197
GW 20386		15/30	4320	2	197
GW 20391		15/30	3360	2	197
GW 20392		15/30	1920	2	197
GW 20393		15/30	1920	2	197
GW 20394		15/30	1920	2	197
GW 20395		15/30	1920	2	197
GW 20396		15/30	1920	2	197
GW 20401		30/60	4320		200
GW 20423		1/14	4368		200
GW 20431		15/30	2100	2	200
GW 20432		15/30	2100	2	200
GW 20433		15/30	2100	2	200
GW 20434		15/30	2100	2	200
GW 20435		15/30	2100	2	200
GW 20436		15/30	2100	2	200
GW 20437		1/15	1080		200
GW 20438		1/15	2160		200
GW 20439		1/15	1890		200
GW 20445		1/15	1080		200
GW 20446		1/15	1080		200
GW 20447		1/15	1080		200
GW 20448		1/15	1080		200
GW 20449		1/15	1890		200
GW 20450		1/15	1890		200
GW 20454		15/30	1260		200
GW 20454		15/30	1260		214
GW 20455		15/30	1260		200
GW 20455		15/30	1260		214
GW 20456		15/30	1260		200
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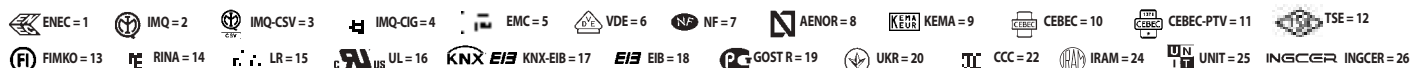
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GW 20472		1/2	312		156
GW 20472		1/2	312		239
GW 20473		1	64		156
GW 20473		1	64		239
GW 20474		1/10	1560		157
GW 20474		1/10	1560		239
GW 20475		1	156		157
GW 20475		1	156		239
GW 20476		1	195		146
GW 20476		1	195		159
GW 20476		1	195		181
GW 20477		1	312		158
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GW 20478		1	312		158
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GW 20479		1	195		158
GW 20479		1	195		240
GW 20480		1	64		157
GW 20480		1	64		239
GW 20481		1	20		156
GW 20481		1	20		239
GW 20483		1	40		158
GW 20483		1	40		240
GW 20490		1	40		157
GW 20490		1	40		240
GW 20493		1/2	312		159
GW 20493		1/2	312		240
GW 20494		1/10	1560		159
GW 20494		1/10	1560		240
GW 20495		1/5	780		159
GW 20495		1/5	780		240
GW 20497		1	6		156
GW 20497		1	6		239
GW 20499		1	156		159
GW 20499		1	156		240
GW 20503		30/60	4320	2-7-24-25	192
GW 20504		30/60	4320	2-7-24-25	192
GW 20510		80/160	5760	2-7-19-24-25	193
GW 20511		15/30	4320	2-19-24	193
GW 20512		15/30	3780	2-7-19-24-25	193
GW 20513		15/30	3780	2-7-19-24-25	193
GW 20514		15/30	2880	2-19-24	193
GW 20515		30/60	4320	2-7-19-24	193
GW 20516		30/60	4320	2-7-19-24	193
GW 20517		30/60	4320	2-7-19-24	193
GW 20518		20/40	1440	2-7-19-24	193
GW 20519		15/30	3780	2-7-19-24	193
GW 20520		15/30	4320	2-7-19-24	193
GW 20521		30/60	4320	2-7-19-24-25	193
GW 20522		30/60	4320	2-19-24-25	193
GW 20523		30/60	4320	2-19-24-25	193
GW 20527		15/30	2160	2-7-19-24	193
GW 20528		30/60	4320	2-7-19-24	193
GW 20529		30/60	4320	2-7-19-24	193
GW 20529		30/60	4320	2-7-19-24	193
GW 20530		15/30	1260	2-19-24	193
GW 20531		15/30	3780	19-24	193
GW 20533		20	45600	19	194
GW 20533		20	45600	19	208
GW 20537		20	45600	19	194
GW 20537		20	45600	19	208



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		PACK/ CARTON	PALLET		
GW 20538		20	45600	19	194
GW 20538		20	45600	19	208
GW 20539		20	45600	19	194
GW 20539		20	45600	19	208
GW 20540		20	45600	19	194
GW 20540		20	45600	19	208
GW 20542		20	45600	19	194
GW 20542		20	45600	19	208
GW 20549		20	45600	19	194
GW 20549		20	45600	19	208
GW 20550		20	45600	19	194
GW 20550		20	45600	19	208
GW 20551		20	45600	19	194
GW 20551		20	45600	19	208
GW 20559		30/60	4320	2-7-19-24	192
GW 20561		20	45600	19	194
GW 20561		20	45600	19	208
GW 20562		20	45600	19	194
GW 20562		20	45600	19	208
GW 20563		20	45600	19	194
GW 20563		20	45600	19	208
GW 20564		20	45600	19	194
GW 20564		20	45600	19	208
GW 20565		20	45600	19	194
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GW 20567		20	45600	19	194
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GW 20568		20	45600	19	194
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GW 20569		20	45600	19	194
GW 20569		20	45600	19	208
GW 20570		20	45600	19	194
GW 20570		20	45600	19	208
GW 20571		80/320	19200	2-7-19-24-25	192
GW 20572		30/60	4320	2-7-19-24-25	192
GW 20576		80/320	19200	2-7-19-24-25	192
GW 20577		30/60	4320	2-7-19-24	192
GW 20579		30/60	4320	2-7-19-24	192
GW 20580		1/15	1080	2-19-24	193
GW 20583		30/60	4320	2-7-19-24	192
GW 20583		30/60	4320	2-7-19-24	193
GW 20584		30/60	4320	2-19-24	192
GW 20585		15/30	1440	19	192
GW 20588		30/60	2280	2-19-24	192
GW 20588		30/60	2280	2-19-24	193
GW 20589		15/30	3510	2-7-19-24	193
GW 20591		15/30	2160	2-19-24	193
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GW 20595		20	45600	19	208
GW 20596		20	45600	19	194
GW 20596		20	45600	19	208
GW 20597		20	45600	19	194
GW 20597		20	45600	19	208

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		PACK/ CARTON	PALLET		
GW 20601		15/30	1080		204
GW 20601		15/30	1080		218
GW 20602		1/12	684		204
GW 20602		1/12	684		218
GW 20603		30/60	4320		203
GW 20604		30/60	4320		203
GW 20605		30/60	2280		203
GW 20606		30/60	4320		203
GW 20607		15/30	1920		204
GW 20608		15/30	1920		204
GW 20613		15/30	3360		203
GW 20616		15/30	3360		203
GW 20617		15/30	3360		203
GW 20620		15/30	3360		203
GW 20622		15/30	3960		204
GW 20622		15/30	3960		218
GW 20623		15/30	360		204
GW 20623		15/30	360		218
GW 20624		15/30	360		204
GW 20624		15/30	360		218
GW 20625		15/30	360		204
GW 20625		15/30	360		218
GW 20626		15/30	360		204
GW 20626		15/30	360		218
GW 20627		1/12	432		204
GW 20627		1/12	432		218
GW 20628		1/12	432		204
GW 20628		1/12	432		218
GW 20629		1/12	432		204
GW 20629		1/12	432		218
GW 20630		1/12	432		204
GW 20630		1/12	432		218
GW 20631		30/60	2280		203
GW 20634		1/15	1080		204
GW 20641		1/4	624		203
GW 20643		1/4	624		203
GW 20681		1/30	1140		198
GW 20681		1/30	1140		302
GW 20682		1/30	2160		198
GW 20682		1/30	2160		302
GW 20683		1/30	1080		198
GW 20683		1/30	1080		304
GW 20684		1/15	1020		199
GW 20684		1/15	1020		302
GW 20685		15/30	1140		198
GW 20685		15/30	1140		302
GW 20686		15/30	8400		198
GW 20686		15/30	8400		304
GW 20802		1/14	4368	2	201
GW 20803		1/14	3920		201
GW 20807		1/2	256		202
GW 20808		1/4	256		202
GW 20809		1/2	128		201
GW 20810		1/4	1248		201
GW 20811		1/14	4368	2	201
GW 20818		1/14	4368		201
GW 20820		1/2	624		205
GW 20821		1/6	1872		194
GW 20825		1/2	256		201
GW 20827		1/2	256		202
GW 20828		1/14	0		201



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		PACK/ CARTON	PALLET		
GW 20829		1/14	0		201
GW 20833		1/4	1248		203
GW 20834		1/2	220		203
GW 20835		1/14	0		203
GW 20841		1/4	768		205
GW 20852		1/2	272		202
GW 20853		1/2	128		202
GW 20862		1/2	560		205
GW 20866		1/4	780		205
GW 20867		1/2	128	4	205
GW 20868		1/2	128	4	205
GW 20890		1	160	5	237
GW 20891		1	160	5	236
GW 20892		1	160	5	236
GW 20893		1	160	5	236
GW 20894		1	160	5	236
GW 20901		1/100	19500		82
GW 20901		1/100	19500		110
GW 20901		1/100	19500		138
GW 20901		1/100	19500		220
GW 20901		1/100	19500		275
GW 20902		50	9750		82
GW 20902		50	9750		110
GW 20902		50	9750		138
GW 20902		50	9750		220
GW 20902		50	9750		275
GW 20903		50	15600		82
GW 20903		50	15600		110
GW 20903		50	15600		138
GW 20903		50	15600		220
GW 20903		50	15600		275
GW 20904		50	9750		220
GW 20904		50	9750		275
GW 20905		50	9750		220
GW 20905		50	9750		275
GW 20906		50	15600		220
GW 20906		50	15600		275
GW 20908		50	15600		220
GW 20908		50	15600		275
GW 20911		20/200	20000		220
GW 20911		20/200	20000		275
GW 20921		10/200	20000		220
GW 20921		10/200	20000		275
GW 20922		10/200	20000		220
GW 20922		10/200	20000		275
GW 20923		10/200	20000		220
GW 20923		10/200	20000		275
GW 20924		10/200	20000		220
GW 20924		10/200	20000		275
GW 20925		10/200	20000		220
GW 20925		10/200	20000		275
GW 20963		1	320	5	152
GW 20963		1	320	5	236
GW 20966		1	320	5	236
GW 20980		1	320	5	238
GW 20981		1	320	5	238
GW 20982		1	160	5	238
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GW 20990		1	160	5	237
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GW 20992		1	320	5	236

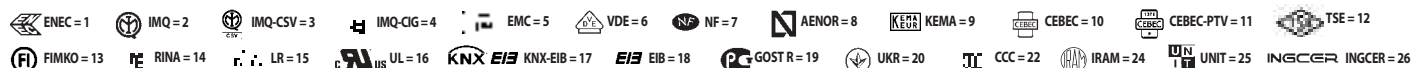
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GW 21008		15/30	1260	2-19-24	206
GW 21024		20/40	1440	2-19-24	207
GW 21056		10/480	46080	2-19	207
GW 21058		60/120	2880	2-19	207
GW 21071		1/5	780	2	208
GW 21072		1/5	780	2	208
GW 21073		30/60	1200	2-19	207
GW 21074		1/5	780		208
GW 21076		1/5	780		208
GW 21201		80/160	5760	2-19-25	209
GW 21203		80/320	19200	2-19	209
GW 21205		30/60	2160	2-19-25	209
GW 21206		30/60	1200	7-19	209
GW 21207		30/60	1200	7-19	209
GW 21208		30/60	1200	19	209
GW 21209		30/60	2160	19	209
GW 21212		30/60	4320	19	209
GW 21213		30/60	2280	19	209
GW 21214		30/60	120	19	209
GW 21216		30/60	2280	19	209
GW 21217		30/60	2280	19	209
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GW 21271		15/30	2160		302
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GW 21351		30/60	2280	19	209
GW 21356		30/60	1200	19	210
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GW 21394		15/30	1920	2	211
GW 21395		15/30	1920	2	211
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GW 21432		15/30	1260	2	214
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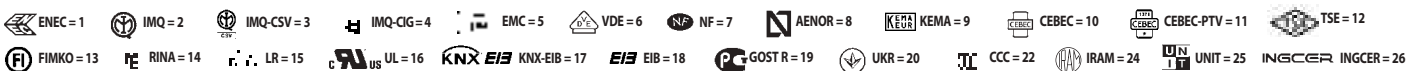


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GW 22551		24	1512	2-19	222
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GW 22554		12	1440	2-19	222
GW 22556		8	960	2-19	222
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GW 22561		24	1512	2-19	223
GW 22562		12	1440	2-19	223
GW 22563		24	1512	2-19	223
GW 22564		12	1440	2-19	223
GW 22566		8	960	2-19	223
GW 22567		6	720	2-19	223
GW 22571		24	1512	2-19	223
GW 22572		12	1440	2-19	223
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GW 22574		12	1920	2-19	223
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GW 22652		12	1440	2-19	224
GW 22653		12	1440	2-19	224
GW 22654		12	1440	2-19	224
GW 22656		8	960	2-19	224
GW 22657		6	720	2-19	224
GW 22661		12	1440	2-19	224
GW 22662		12	1440	2-19	224
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GW 24225		300/4200	0	19	317
GW 24227		5/50	1200	2-19	317
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GW 24229		300/4200	0		295
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GW 27022		1/30	1080	2-19-24-25	244
GW 27023		1/20	960	2-19-24-25	244
GW 27024		1/20	600	2-19-24-25	244
GW 27041		5/60	2520	2-19-24-25	245
GW 27042		5/60	2520	2-19-24-25	245
GW 27043		2/40	1680	2-19-24-25	245
GW 27044		3/30	1260	2-19-24-25	245
GW 27051		1/20	640	2-19-24-25	245
GW 27052		1/15	480	19-25	245
GW 27056		1/12	192	19	245
GW 27057		1/12	480	19	245
GW 27071		1/8	560	19	248
GW 27072		1/6	288	19	248
GW 27073		1/4	192	19	248
GW 27101		5/60	960	2-19-24-25	248
GW 27102		2/30	480	2-19-24-25	248
GW 27103		1/20	480	2-19-24-25	248
GW 27104		1/10	240	2-19-24-25	248
GW 27105		1/10	120	2-19-24-25	248
GW 27111		5/60	960	2-19-24-25	248
GW 27201		1/30	600	19	248
GW 27202		1/30	540	19	248
GW 27203		1/10	240	19	248
GW 27204		1/10	240	19	248
GW 27401		3/60	5400	19	248
GW 27402		2/60	840	19	249
GW 27415		5/40	1680	19	247
GW 27416		5/40	720		247
GW 27417		5/40	720		247
GW 27418		5/40	720		247
GW 27419		5/40	720		247
GW 27421		1/12	288		247
GW 27422		1/12	384		247
GW 27423		1/12	240		247
GW 27424		1/12	240		247
GW 27431		1/10	280		247
GW 27441		10/100	15600	19	249
GW 27442		10/100	15600	19	249
GW 27443		10/100	6400	19	249
GW 27603		10	500	19	244
GW 27609		10	500	19	244
GW 27615		10	500	19	244
GW 27616		10	500	19	244
GW 27621		10	500	19	244
GW 27622		10	500	19	244
GW 27627		5	360	19	244
GW 27628		5	360	19	244
GW 27801		5/60	360	19	246
GW 27802		5/60	360	19	246
GW 27803		5/60	360	19	246
GW 27804		5/60	1080	19	246
GW 27805		5/60	1080	19	246
GW 27811		5/80	480	19	246
GW 27812		5/80	480	19	246
GW 27813		5/80	480	19	246
GW 27814		5/80	480	19	246
GW 27815		5/80	480	19	246
GW 27831		5/60	1080	19	246
GW 27832		5/60	1080	19	246



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GW 27833		5/60	1080	19	246
GW 27834		5/60	1080	19	246
GW 27835		5/60	1080	19	246
GW 27836		2/40	720	19	246
GW 27841		5/60	1080	19	246
GW 27842		5/60	1080	19	246
GW 27843		5/60	1080	19	246
GW 27844		5/60	1080	19	246
GW 27845		5/60	1080	19	246
GW 27861		1/20	440	6-9	251
GW 27862		1/20	440	6-9	251
GW 27863		1/20	440	9	251
GW 27864		1/20	440	6-9	251
GW 27865		1/20	440	9	251
GW 27866		1/20	440	9	251
GW 27867		1/24	576	9	251
GW 27868		1/24	576	9	251
GW 27871		1	200		250
GW 27872		1	100		250
GW 27873		1	120		250
GW 27874		1	120		250
GW 27875		1	120		250
GW 27876		1/50	7800		250

GW28					
GW 28003		25/250	18000	2-25-26	320
GW 28004		25/250	18000	2-25-26	320
GW 28005		25/150	10800	2-26	320
GW 28006		25/150	10800	2-26	320
GW 28007		25/150	7500	2-25	320
GW 28008		25/150	7500	2-25	320
GW 28009		25/250	6000	2	320
GW 28010		25/250	6000	2	320
GW 28011		25/175	4200		320
GW 28012		25/175	2800		320
GW 28013		25/175	2800		320
GW 28203		25/250	5000	2-25	320
GW 28204		25/250	5000	2-25	320
GW 28205		25/150	10800	2-26	320
GW 28206		25/150	10800	2-26	320
GW 28401		45/90	3600	2	321
GW 28402		45/90	1800	2	321
GW 28403		30/180	1080	2	321
GW 28404		30/180	1080	2	321
GW 28405		25/200	2000		321
GW 28406		25/200	2000		321
GW 28407		25/200	2000		321
GW 28408		25/200	1200		321
GW 28409		15/150	3000		321
GW 28410		15/150	3000		321
GW 28411		25/150	3000		321
GW 28412		25/150	7500		321
GW 28413		20/120	1440		321
GW 28414		20/120	1440		321
GW 28415		15/150	3600		321
GW 28601		1/20	360		321
GW 28613		1/20	360		321

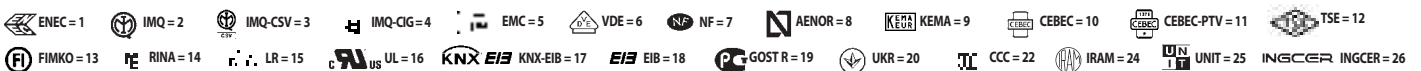
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GW 30002		24/48	1920	2-19	260

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GW 30003		24/48	1920	2-19	260
GW 30004		24/48	3840	2-19	260
GW 30005		24/48	1920	2-19	260
GW 30006		24/48	1920	2-19	260
GW 30007		1/12	2340	2-19	260
GW 30011		24/96	9600	2-19	260
GW 30012		24/48	1920	2-19	260
GW 30013		24/48	1920	2-19	260
GW 30014		1/12	2340	2-19	260
GW 30015		24/48	4032	2-19	260
GW 30016		24/48	1920	2-19	260
GW 30021		24/96	9600	2-19	260
GW 30022		12/24	1872	2-19	260
GW 30023		12/24	3744	2-19	260
GW 30024		12/24	1872	2-19	260
GW 30025		12/24	1872	2-19	260
GW 30026		12/24	1872	2-19	260
GW 30027		12/24	1872	2-19	260
GW 30028		12/24	1872	2-19	260
GW 30029		12/24	1872	2-19	260
GW 30030		24/48	1920	2-19	260
GW 30031		4/32	1280	2-19	260
GW 30032		1/24	1872	2-19	260
GW 30033		12/24	1872	2-19	260
GW 30034		12/24	3744	2-19	260
GW 30035		12/24	1872	2-19	260
GW 30036		12/24	1872	2-19	260
GW 30037		12/24	1872	2-19	260
GW 30038		12/36	864	2-19	261
GW 30041		4/48	9360	2-19	261
GW 30042		4/48	9360	2-19	261
GW 30043		4/48	9360	2-19	261
GW 30044		4/48	9360	2-19	261
GW 30045		4/48	9360	2-19	261
GW 30046		4/48	9360	2-19	261
GW 30047		4/48	9360	2-19	261
GW 30048		4/48	9360	2-19	261
GW 30049		4/48	9360	2-19	261
GW 30050		4/48	9360	2-19	261
GW 30051		4/48	9360	2-19	261
GW 30052		4/48	9360	2-19	261
GW 30053		4/48	9360	2-19	261
GW 30054		4/48	9360	2-19	261
GW 30055		4/48	9360	2-19	261
GW 30056		4/48	9360	2-19	261
GW 30061		4/48	9360	2-19	261
GW 30062		4/48	9360	2-19	261
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GW 30065		4/48	9360	2-19	261
GW 30066		4/48	9360	2-19	261
GW 30067		4/48	9360	2-19	261
GW 30068		4/48	9360	2-19	261
GW 30069		4/48	9360	2-19	261
GW 30070		4/48	9360	2-19	261
GW 30071		4/48	9360	2-19	262
GW 30072		4/48	9360	2-19	262
GW 30073		4/48	9360	2-19	262
GW 30074		4/48	9360	2-19	262
GW 30075		4/48	9360	2-19	262
GW 30076		4/48	9360	2-19	262



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GW 30078		4/48	9360	2-19	262
GW 30079		4/48	9360	2-19	262
GW 30080		4/48	9360	2-19	262
GW 30081		4/48	9360	2-19	262
GW 30082		4/48	9360	2-19	262
GW 30091		4/48	9360	2-19	262
GW 30092		4/48	9360	2-19	262
GW 30093		4/48	9360	2-19	262
GW 30094		4/48	9360	2-19	262
GW 30095		4/48	9360	2-19	262
GW 30096		4/48	9360	2-19	262
GW 30097		4/48	9360	2-19	262
GW 30098		4/48	9360	2-19	262
GW 30099		4/48	9360	2-19	262
GW 30100		4/48	9360	2-19	262
GW 30101		1/2	156		262
GW 30102		1/6	1170		262
GW 30103		1/6	1170		263
GW 30111		1/12	2340	2	263
GW 30112		1/12	2340	2	263
GW 30116		1/12	2340		263
GW 30121		1/6	1638		263
GW 30201		24/96	9600	2-19	264
GW 30203		24/96	9600	2-19	264
GW 30210		12/48	1920	2-19	264
GW 30211		12/48	4800	2-8-19	265
GW 30212		12/48	4800	19	264
GW 30214		12/24	1920	19	264
GW 30215		12/48	960	19	265
GW 30216		12/48	1920	7-19	265
GW 30219		12/48	2400	19	265
GW 30220		12/48	960	19	265
GW 30227		24/48	4032	19	265
GW 30228		24/48	1920	19	265
GW 30231		24/48	1920	19	265
GW 30232		24/48	1920	19	265
GW 30234		24/48	1920	19	265
GW 30235		12/48	960	19-24	265
GW 30236		12/48	960	19	265
GW 30237		12/48	1920	19	265
GW 30261		1/24	3744		266
GW 30262		1/12	2340		266
GW 30263		1/12	2340		266
GW 30263		1/12	2340		302
GW 30264		1/12	2340		266
GW 30265		1/24	1872		267
GW 30266		1/24	1872		267
GW 30266		1/24	1872		304
GW 30267		1/24	3744		267
GW 30267		1/24	3744		302
GW 30272		1/12	2340		267
GW 30273		1/12	2340		267
GW 30275		1/12	936		267
GW 30276		1/12	936		267
GW 30277		1/12	936		267
GW 30279		1/24	3744		266
GW 30285		1/96	1440		267
GW 30286		1/96	1440		267
GW 30287		1/96	5760		267
GW 30291		12/24	1872		267

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GW 30292		12/24	1872		267
GW 30293		12/24	1872		267
GW 30301		24/48	4032	2	266
GW 30302		1/24	1872	2	266
GW 30303		1/24	1872	2	266
GW 30304		1/24	1872	2	266
GW 30305		1/24	1872	2	266
GW 30306		1/24	1872	2	266
GW 30311		24/48	1920	2	266
GW 30312		1/24	1872	2	266
GW 30313		1/24	1872	2	266
GW 30314		1/24	1872	2	266
GW 30315		1/24	1872	2	266
GW 30316		1/24	1872	2	266
GW 30321		24/48	2016	2-19	264
GW 30322		12/24	1728	2-8-19	264
GW 30323		12/48	960	19	264
GW 30331		24/48	1920	2-19	264
GW 30332		12/24	960	19	264
GW 30333		12/24	960	19	264
GW 30336		24/48	1920	2-19	264
GW 30337		12/24	960	19	264
GW 30338		12/24	960	19	264
GW 30342		12/48	960	19	265
GW 30343		12/48	960	19	265
GW 30360		24/48	1920		268
GW 30361		1/12	2340		268
GW 30371		1/12	2340	2	268
GW 30372		1/12	2340	2	268
GW 30373		1/12	2340	2	268
GW 30374		1/12	2340	2	268
GW 30375		1/12	2340	2	268
GW 30376		1/12	2520	2	268
GW 30377		1/6	1170		268
GW 30378		1/6	1170		268
GW 30379		1/6	1170		268
GW 30385		1/6	1170		268
GW 30386		1/6	1170		268
GW 30387		1/6	1170		268
GW 30388		1/6	1170		268
GW 30389		1/6	1170		268
GW 30390		1/6	1170		268
GW 30394		1/12	2340		268
GW 30395		1/12	2340		268
GW 30396		1/12	2340		268
GW 30401		1/6	1170		270
GW 30402		1/12	3276		270
GW 30403		1/12	2340		270
GW 30404		1/12	3276		270
GW 30406		1/6	1170		271
GW 30407		1/12	2340		271
GW 30409		1/12	3744		270
GW 30412		2/4	312		270
GW 30413		1/2	156		270
GW 30430		1/2	390		274
GW 30501		1/6	1638		269
GW 30506		1/2	220		269
GW 30514		1/2	312		273
GW 30515		1/2	312		273
GW 30516		2/4	312		273
GW 30518		1/4	780		273



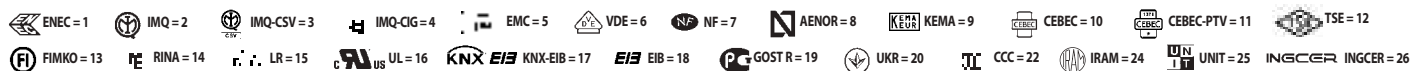
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GW 30520		1/2	156	4	273
GW 30522		1/2	156		205
GW 30522		1/2	156		219
GW 30522		1/2	156		273
GW 30601		8/16	240		269
GW 30602		8/16	240		269
GW 30603		8/16	1600		269
GW 30604		8/16	240		269
GW 30605		8/16	240		269
GW 30611		24/48	1920		269
GW 30612		24/48	1920		269
GW 30613		24/48	1920		269
GW 30614		24/48	1920		269
GW 30615		24/48	1920		269
GW 30616		24/48	1920		269
GW 30631		1/6	1170		269
GW 30632		1/6	1170		269
GW 30633		12/24	1872		269
GW 30634		12/24	1872		269
GW 30635		12/24	1872		270
GW 30636		12/24	1872		270
GW 30681		1/24	360		267
GW 30681		1/24	360		302
GW 30682		1/24	720		267
GW 30682		1/24	720		302
GW 30683		1/24	360		267
GW 30683		1/24	360		304
GW 30684		1/12	864		267
GW 30684		1/12	864		302
GW 30685		1/12	288		267
GW 30685		1/12	288		302
GW 30686		1/12	288		267
GW 30686		1/12	288		304
GW 30701		1/2	312		271
GW 30702		2/4	624		271
GW 30703		2/12	576		271
GW 30706		1/2	156		271
GW 30711		2/4	624		274
GW 30726		1/2	90	19	274
GW 30810		1/2	84		272
GW 30811		1/2	156		271
GW 30812		1	195		272
GW 30814		1/6	1170		272
GW 30820		1	14		271
GW 30821		1/2	390		272
GW 30826		1/4	120		272
GW 30827		1/4	288		272
GW 30831		1/2	390		272
GW 30836		1/12	936		272
GW 30837		1/12	936		272
GW 30901		5/200	30000	2-19	262
GW 30902		12/48	1920	2-19	262
GW 30903		8/32	576	2-19	262
GW 30905		24/48	1920	2-19	262
GW 30912		1/100	19500		82
GW 30912		1/100	19500		110
GW 30912		1/100	19500		138
GW 30912		1/100	19500		220
GW 30912		1/100	19500		275
GW 30921		4/16	640	2-19	263

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GW 30943		50	13650		220
GW 30943		50	13650		275
GW 30943		50	13650		295
GW 30944		50	9750		220
GW 30944		50	9750		275
GW 30944		50	9750		295
GW 30946		50	9750		220
GW 30946		50	9750		275
GW 30946		50	9750		295
GW 30947		50	9750		220
GW 30947		50	9750		275
GW 30947		50	9750		295

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GW 32001		12/48	1920	2-19	279
GW 32002		12/48	1920	2-19	279
GW 32003		12/48	4800	2-19	279
GW 32004		12/24	1728	2-19	279
GW 32006		12/24	960	2-19	279
GW 32007		6/12	576	2-19	279
GW 32008		6/12	1152	2-19	279
GW 32009		1/6	450	2-19	279
GW 32011		12/48	1920	2-19	279
GW 32012		12/48	1920	2-19	279
GW 32013		12/48	4800	2-19	279
GW 32014		12/24	1728	2-19	279
GW 32016		12/24	960	2-19	279
GW 32017		6/12	480	2-19	279
GW 32018		6/12	180	2-19	279
GW 32019		1/6	450	2-19	279
GW 32021		12/48	960	2-19	278
GW 32022		12/48	960	2-19	278
GW 32023		12/48	1920	2-19	278
GW 32024		12/24	1152	2-19	278
GW 32026		12/24	720	2-19	278
GW 32027		6/12	576	2-19	278
GW 32028		6/12	336	2-19	278
GW 32029		1/6	240	2-19	278
GW 32041		12/48	1920	2-19	278
GW 32042		12/48	1920	2-19	278
GW 32043		12/48	960	2-19	278
GW 32044		12/24	1152	2-19	278
GW 32046		12/24	1080	2-19	278
GW 32047		6/12	576	2-19	278
GW 32051		12/48	960	2-19	278
GW 32052		12/48	960	2-19	278
GW 32053		12/48	1920	2-19	278
GW 32054		12/24	1728	2-19	278
GW 32056		12/24	1080	2-19	278
GW 32057		6/12	576	2-19	278
GW 32061		12/48	960	2-19	280
GW 32062		12/48	960	2-19	280
GW 32063		12/48	1920	2-19	280
GW 32064		12/24	1152	2-19	280
GW 32066		12/24	720	2-19	280
GW 32067		6/12	456	2-19	280
GW 32071		12/48	960	2-19	280
GW 32072		12/48	1920	2-19	280
GW 32073		12/48	1920	2-19	280



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GW 32076		12/24	1080	2-19	280
GW 32077		6/12	576	2-19	280
GW 32081		12/48	960	2-19	280
GW 32082		12/48	960	2-19	280
GW 32083		12/48	1920	2-19	280
GW 32084		12/24	1152	2-19	280
GW 32086		12/24	720	2-19	280
GW 32087		6/12	456	2-19	280
GW 32121		1/30	1350	19	281
GW 32122		1/30	720	19	281
GW 32123		1/30	720	19	281
GW 32131		1/30	1200	19	281
GW 32132		1/30	600	19	281
GW 32133		1/30	900	19	281
GW 32231		24	1008	2-19	277
GW 32232		12	960	2-19	277
GW 32233		24	1008	19	277
GW 32234		12	960	2-19	277
GW 32236		8	960	2-19	277
GW 32241		96	1152	2-19	276
GW 32242		12	960	2-19	276
GW 32243		96	3456	2-19	276
GW 32244		12	1440	2-19	276
GW 32246		8	720	2-19	276
GW 32301		96	1728	2-19	276
GW 32302		12	960	2-19	276
GW 32303		96	4032	2-19	276
GW 32304		12	1440	2-19	276
GW 32306		8	1200	2-19	276
GW 32321		24	1008	2-19	277
GW 32322		12	960	2-19	277
GW 32323		24	1008	2-19	277
GW 32324		12	960	2-19	277
GW 32326		8	1200	2-19	277
GW 32341		24	6720	2-19	276
GW 32342		12	960	2-19	276
GW 32343		24	1512	2-19	276
GW 32344		12	960	2-19	276
GW 32346		8	1200	2-19	276
GW 32351		24	6720	2-19	276
GW 32352		12	1440	2-19	276
GW 32353		24	1512	2-19	276
GW 32354		12	960	2-19	276
GW 32356		8	1200	2-19	276
GW 32371		24	1008	2-19	276
GW 32372		12	960	2-19	276
GW 32373		24	1008	2-19	276
GW 32374		12	960	2-19	276
GW 32376		8	480	2-19	276
GW 32381		24	1008	2-19	276
GW 32382		12	960	2-19	276
GW 32383		24	1008	2-19	276
GW 32384		12	960	2-19	276
GW 32386		8	1200	2-19	276
GW 32391		24	1008	2-19	276
GW 32392		12	960	2-19	276
GW 32393		24	1008	2-19	276
GW 32394		12	960	2-19	276
GW 32396		8	1200	2-19	276
GW 32401		10/150	1800	2-19	282

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		PACK/ CARTON	PALLET		
GW 32402		10/150	6000	2-19	282
GW 32403		10/150	5400	2-19	282
GW 32404		10/100	4000	2-19	282
GW 32406		10/100	3600	2-19	282
GW 32407		5/50	800	2-19	282
GW 32408		5/50	800	2-19	282
GW 32409		5/25	450	2-19	282
GW 32411		2/24	384	2-19	281
GW 32412		2/12	192	2-19	281
GW 32413		10/100	2000	2-19	282
GW 32417		1/2	36		227
GW 32417		1/2	36		280
GW 32421		5/200	3200	2-19	282
GW 32422		5/100	1600	2-19	282
GW 32423		5/50	1000	2-19	282
GW 32431		3/60	1080	19	281
GW 32431		3/60	1080	19	316
GW 32431		3/60	1080	19	316
GW 32432		3/60	840	19	281
GW 32432		3/60	840	19	316
GW 32432		3/60	840	19	316
GW 32436		3/51	306	19	281
GW 32436		3/51	306	19	316
GW 32437		3/51	204	19	281
GW 32437		3/51	204	19	316
GW 32450		1/10	1020	19	281
GW 32451		1/10	680	19	281
GW 32452		1/10	300	19	282
GW 32453		1/10	300	19	282
GW 32457		1/10	1950	19	282
GW 32461		1/60	720	19	281
GW 32462		1/60	780	19	281
GW 32466		1/30	480	19	281
GW 32467		1/30	270	19	281
GW 32521		12/48	960	2-19	278
GW 32522		12/48	960	2-19	278
GW 32523		12/48	960	2-19	278
GW 32524		12/24	1152	2-19	278
GW 32526		12/24	480	2-19	278
GW 32527		6/12	456	2-19	278
GW 32541		12/48	1920	2-19	278
GW 32542		12/48	960	2-19	278
GW 32543		12/48	960	2-19	278
GW 32544		12/24	1152	2-19	278
GW 32546		12/24	480	2-19	278
GW 32547		6/12	456	2-19	278
GW 32551		12/48	960	2-19	278
GW 32552		12/48	960	2-19	278
GW 32553		12/48	960	2-19	278
GW 32554		12/24	1152	2-19	278
GW 32556		12/24	480	2-19	278
GW 32557		6/12	456	2-19	278
GW 32561		12/48	960	2-19	279
GW 32562		12/48	960	2-19	279
GW 32563		12/48	960	2-19	279
GW 32564		12/24	1152	2-19	279
GW 32566		12/24	480	2-19	279
GW 32567		6/12	456	2-19	279
GW 32571		12/48	960	2-19	279
GW 32572		12/48	960	2-19	279
GW 32573		12/48	960	2-19	279

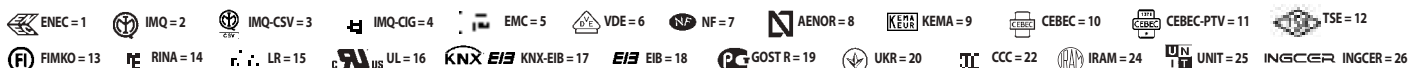
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GW 32576		12/24	480	2-19	279
GW 32577		6/12	456	2-19	279
GW 32581		12/48	960	2-19	279
GW 32582		12/48	960	2-19	279
GW 32583		12/48	960	2-19	279
GW 32584		12/24	1152	2-19	279
GW 32586		12/24	480	2-19	279
GW 32587		6/12	456	2-19	279
GW 32701		12	960	2-19	277
GW 32702		12	960	2-19	277
GW 32703		12	1440	2-19	277
GW 32704		12	960	2-19	277
GW 32706		8	960	2-19	277
GW 32711		12	960	2-19	277
GW 32712		12	960	2-19	277
GW 32713		12	1440	2-19	277
GW 32714		12	960	2-19	277
GW 32716		8	720	2-19	277
GW 32751		12	960	2-19	277
GW 32752		12	240	2-19	277
GW 32753		12	1440	2-19	277
GW 32754		12	960	2-19	277
GW 32756		8	720	2-19	277
GW 32761		12	960	2-19	277
GW 32762		12	960	2-19	277
GW 32763		12	1440	2-19	277
GW 32764		12	960	2-19	277
GW 32766		8	720	2-19	277
GW 32771		12	960	2-19	277
GW 32772		12	960	2-19	277
GW 32773		12	1440	19	277
GW 32774		12	960	2-19	277
GW 32776		8	720	2-19	277

GW34					
GW 34001		25/100	3000	2-7-19	288
GW 34002		25/50	900	2-7-19	288
GW 34003		25/50	900	2-7-19	288
GW 34004		25/50	900	2-7-19	288
GW 34011		25/100	3000	2-7-19	288
GW 34012		25/50	300	2-7-19	288
GW 34015		25/50	900	2-7-19	288
GW 34021		25/50	900	2-7-19	288
GW 34022		12/24	576	2-7-19	288
GW 34023		12/24	576	2-7-19	288
GW 34024		12/24	960	2-7-19	288
GW 34025		12/24	960	2-7-19	288
GW 34026		12/24	960	2-7-19	288
GW 34028		12/24	576	2-19	288
GW 34040		12/24	288	2-7-19	288
GW 34051		25/50	2100	2-7-19	289
GW 34052		25/50	900	2-7-19	289
GW 34053		25/50	900	2-19	289
GW 34056		12/24	576	19	289
GW 34091		12/24	576	2-19	289
GW 34093		12/24	288	2-19	289
GW 34201		25/100	3000	2-8-19	290
GW 34202		12/24	576	2-8-19	291
GW 34203		10/20	360	13-19	290
GW 34206		25/50	900	7-19	290

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		PACK/ CARTON	PALLET		
GW 34207		25/50	2100	7-19	290
GW 34208		12/24	288	7-19	291
GW 34211		25/50	300	19	290
GW 34216		25/50	2100	19	290
GW 34217		12/24	240	19	291
GW 34221		25/50	900	19	290
GW 34241		12/24	576	2	292
GW 34244		12/24	240	2	292
GW 34246		12/24	240		292
GW 34251		12/24	576		292
GW 34252		12/24	1152		292
GW 34252		12/24	1152		302
GW 34253		12/24	576		293
GW 34254		24	960		292
GW 34255		24	960		292
GW 34256		12/24	576		293
GW 34256		12/24	576		302
GW 34257		12/24	288		293
GW 34261		12/24	288	2	292
GW 34264		12/24	960	2	292
GW 34271		1/24	3072	19	292
GW 34272		1/24	1536	19	292
GW 34275		12/24	288		292
GW 34276		12/24	576		292
GW 34277		12/24	288		292
GW 34281		12/24	288		293
GW 34282		12/24	576		293
GW 34283		12/24	960		293
GW 34284		12/24	240		293
GW 34299		12/24	576		293
GW 34302		12/24	576	8-19	291
GW 34305		12/24	288	8-19	291
GW 34401		5/10	400		294
GW 34403		5/10	390		294
GW 34404		5/10	300		294
GW 34405		5/10	300		294
GW 34411		1/5	330		289
GW 34421		1/5	330		294
GW 34451		10/20	800		294
GW 34461		1/5	270		294
GW 34591		1/50	900	19	297
GW 34591		1/50	900	19	316
GW 34592		1/50	600	19	297
GW 34592		1/50	600	19	316
GW 34596		1/50	300	19	297
GW 34596		1/50	300	19	316
GW 34597		1/50	300	19	297
GW 34597		1/50	300	19	316
GW 34681		12/24	288		293
GW 34681		12/24	288		302
GW 34682		12/24	288		293
GW 34682		12/24	288		302
GW 34683		12/24	288		293
GW 34683		12/24	288		304
GW 34684		1/5	330		293
GW 34684		1/5	330		302
GW 34801		96	1728	2-7-19	296
GW 34802		96	4032	2-7-19	296
GW 34803		24	1512	2-7-19	296
GW 34805		24	1512	2-7-19	296
GW 34806		24	1512	2-7-19	296



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GW 34807		24	1512	2-7-19	296
GW 34808		24	1512	2-7-19	296
GW 34809		24	1512	2-7-19	296
GW 34810		24	1512	2-7-19	296
GW 34811		12	1440	2-7-19	296
GW 34812		12	1440	2-7-19	296
GW 34813		12	960	2-7-19	296
GW 34815		12	1440	2-7-19	296
GW 34816		12	960	2-7-19	296
GW 34817		12	960	2-7-19	296
GW 34818		12	960	2-7-19	296
GW 34819		12	960	2-7-19	296
GW 34820		12	1440	2-7-19	296
GW 34841		12	1440	2-7-19	297
GW 34842		12	1440	2-7-19	297
GW 34851		12	1440	2-7-19	297
GW 34852		12	240	2-7-19	297
GW 34861		12	1440	2-7-19	297
GW 34862		12	960	2-7-19	297
GW 34863		12	1440	2-7-19	297
GW 34871		12	240	2-7-19	297
GW 34872		12	960	2-7-19	297
GW 34873		12	240	2-7-19	297
GW 34881		12	480	19	297
GW 34882		12	480	19	297
GW 34883		12	480	19	297
GW 34901		8	960	2-19	296
GW 34902		8	960	2-19	296
GW 34903		8	720	2-19	296
GW 34905		8	240	2-19	296
GW 34906		8	720	2-19	296
GW 34907		8	720	2-19	296
GW 34908		8	720	2-19	296
GW 34909		8	720	2-19	296
GW 34910		8	720	2-19	296
GW 34941		8	720	2-19	297
GW 34942		8	240	2-19	297
GW 34961		8	720	2-19	297
GW 34962		8	720	2-19	297
GW 34963		8	720	2-19	297

GW38					
GW 38001		16/32	4992		302
GW 38002		16/32	4992		302
GW 38006		16/32	6240		302
GW 38007		16/32	2304		304
GW 38011		16/32	4992		302
GW 38051		1	768		305
GW 38052		1	96		305
GW 38071		10	1560		305
GW 38072		10	1560		305
GW 38073		10	1560		305
GW 38074		10	1560		305
GW 38075		10	1560		305
GW 38081		32	4992		305
GW 38082		10	1560		305
GW 38086		50/200	12800		305
GW 38087		50/200	12800		305
GW 38088		20/100	6400		305
GW 38089		20/100	31200		305
GW 38091		20/100	15600		305

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		PACK/ CARTON	PALLET		
GW 38092		20/100	15600		305
GW 38093		20/100	15600		305
GW 38094		20/100	15600		305
GW 38096		12	768		305
GW 38107		1/24	1200		302
GW 38108		1/24	960		302
GW 38109		1/24	432		302
GW 38116		1/24	720		303
GW 38117		1/24	576		303
GW 38118		1/24	480		303
GW 38119		1/24	384		303
GW 38121		1/24	720		304
GW 38122		1/24	720		304
GW 38123		1/24	480		304
GW 38124		1/24	384		304
GW 38131		1/24	720		303
GW 38132		1/24	384		303
GW 38133		1/24	216		303
GW 38189	mt	305	4270		303
GW 38190	mt	305	3660		304
GW 38193	mt	305	4270		303
GW 38194	mt	305	4880		304
GW 38195	mt	500	0		303
GW 38201	mt	305	7320		303
GW 38401		1	6		306
GW 38402		1	4		306
GW 38403		1	3		306
GW 38404		1	3		306
GW 38412		1	4		306
GW 38413		1	3		306
GW 38421		1	1		306
GW 38422		1	1		306
GW 38431		1	24		306
GW 38437		1/5	810		306
GW 38438		1/5	350		306
GW 38439		1/2	160		306
GW 38440		1/2	552		306
GW 38441		1/2	120		306
GW 38506		1	35		307
GW 38512		1	120		307
GW 38516		1/2	36		308
GW 38517		1/2	24		308
GW 38521		1/4	192		308
GW 38526		1/10	1280		308
GW 38531		1	112		308
GW 38532		1	112		308
GW 38536		1/10	480		307
GW 38541		1	104		307
GW 38542		1	130		307
GW 38543		1	96		307
GW 38544		1	48		307
GW 38545		1	90		307
GW 38546		1/10	960		308
GW 38547		1/10	400		308
GW 38556		1/20	2560		309
GW 38561		1	700		307
GW 38562		1	42		307
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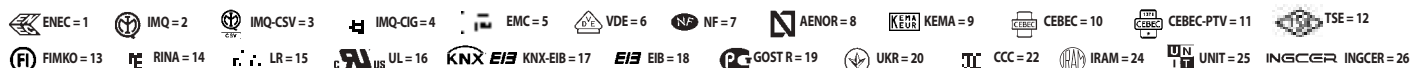


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GW 38582		1	5		307
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GW 40225 TB		16	320	2	16
GW 40225 TN		16	256	2	16
GW 40225 VA		16	256	2	16
GW 40225 VT		16	192	2	16
GW 40227 TB		12	144	2	16
GW 40227 TN		12	144	2	16
GW 40227 VA		12	144		16
GW 40227 VT		12	144		16
GW 40229 TB		12	192	2	16
GW 40229 TN		12	144	2	16
GW 40229 VA		12	144	2	16
GW 40229 VT		12	144	2	16
GW 40231 TB		5	80	2	16
GW 40231 TN		5	80	2	16
GW 40231 VA		5	80		16
GW 40231 VT		5	80		16
GW 40233 TB		5	150	2	16
GW 40233 TN		5	100	2	16
GW 40233 VA		5	80	2	16
GW 40233 VT		5	80	2	16
GW 40237 TB		12	360	2	16
GW 40237 TN		12	144	2	16
GW 40237 VA		12	360	2	16
GW 40237 VT		12	360	2	16
GW 40239 TB		5	100	2	16
GW 40239 TN		5	60	2	16
GW 40239 VA		5	60	2	16
GW 40239 VT		5	60	2	16
GW 40241 TB		5	20	2	16
GW 40241 TN		5	20	2	16
GW 40241 VA		5	20		16
GW 40241 VT		5	20		16
GW 40251		1/2	64	19	14
GW 40256		1/2	24	19	14
GW 40261		1/2	40		14
GW 40266		1/2	40		14
GW 40271		1/2	64	19	14
GW 40276		1/2	24	19	14
GW 40401		20	2560	19-24	17
GW 40402		20	2240	19-24	17
GW 40422		1/10	1100	19	17
GW 40422		1/10	1100	19	282
GW 40425		10	3120	19	17
GW 40467 TB		50	6400		17
GW 40467 TN		50	6400		17
GW 40467 VA		50	6400		17
GW 40467 VT		50	6400		17
GW 40671		12	240		17
GW 40673		16	128		17
GW 40674		12	96		17
GW 40677		5	120		17
GW 40679		5	80		17
GW 40801		1/2	24	19	14
GW 40806		1/2	24		14
GW 40811		1/2	24	19	14

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		PACK/ CARTON	PALLET		
GW 40821		1/2	24	19	14
GW 40826		1/2	12		14
GW 40831		1/2	12	19	14
GW 40981 TB		1/2	80	2	15
GW 40981 VA		1/2	80	2	15
GW 40981 VT		1/2	80	2	15
GW 40991 TB		1/2	64	2	15
GW 40991 VA		1/2	64	2	15
GW 40991 VT		1/2	64	2	15
GW42					
GW 42216		1/10	1600		282
GW44					
GW 44622		10/100	14400	19	249
GW46					
GW 46447		1/10	200	19	308
GW 46448		1/2	120	19	309
GW 46471		1/10	300	19	309
GW47					
GW 47111		1	9	19	306
GW 47112		1	10	19	306
GW 47113		1	8	19	306
GW 47192		1/10	1440	19	308
GW 47193		1/5	300	19	308
GW 47196		1/6	240		309
GW 47296		1/6	240		309
GW48					
GW 48012		50/300	21000	2-19	314
GW 48017		10/100	3600	2-19	314
GW 48018		10/80	960	2-19	314
GW 48019		10/40	600	2-19	314
GW 48020		10/40	360	2-19	314
GW 48021		10/30	240	2-19	314
GW 48022		10/20	220	2-19	314
GW 48023		300/4200	0	19	314
GW 48051		10	3120		314
GW 48086		1/10	200	19	314
GW 48087		1/5	90	19	314
GW 48088		1/5	55	19	314
GW 48106		1/30	450	2	314
GW 48107		1/21	420	2	314
GW 48108		1/14	210	2	314
GW 48109		1/12	240	2	314
GW 48110		1/7	140	2	314
GW 48111		1/5	100	2	314
GW 48645		1/100	7000	19	17
GW81					
GW 81401		1/6	84	17-19	177
GW 81402		1/6	84	17-19	177
GW 81403		1/12	168	17-19	177
GW 81404		1/12	168	17-19	177
GW 81405		1/6	84	17-19	177
GW 81406		1/6	84	17-19	177
GW 81411		1/6	84	17-19	177
GW 81412		1/6	84	17-19	177
GW 81413		1/12	168	17-19	177
GW 81414		1/12	168	17-19	177



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		PACK/ CARTON	PALLET		
GW 81415		1/6	84	17-19	177
GW 81416		1/6	84	17-19	177
GW 81421		1/6	84	17-19	179
GW 81422		1/6	84	17-19	179
GW 81425		1/6	84	17-19	179
GW 81426		1/6	84	17-19	179
GW 81431		1/6	84	17-19	179
GW 81432		1/6	84	17-19	179
GW 81435		1/6	84	17-19	179
GW 81436		1/6	84	17-19	179
GW 81443		1/4	64	17-19	178
GW 81444		1/4	32	17-19	178
GW 81445		1/4	64	17-19	178
GW 81446		1/4	64	17-19	178
GW 81451		1	60	17-19	177
GW 81452		1	60	17-19	177
GW 81461		1/6	84	17-19	178
GW 81462		1/6	84	17-19	178
GW 81463		1/10	160	17-19	178
GW 81464		1/10	160	17-19	178
GW 81465		1/6	84	17-19	178
GW 81466		1/6	84	17-19	178
GW 81471		1/6	84	17-19	179
GW 81472		1/6	84	17-19	179
GW 81473		1/10	160	17-19	179
GW 81474		1/10	160	17-19	179
GW 81475		1/6	84	17-19	179
GW 81476		1/6	84	17-19	179
GW 81691		1/24	384	19	180
GW 81692		1/24	384	19	180
GW 81693		1/24	384	19	180
GW 81694		1/24	384	19	180
GW 81701		1/4	64	17-19	180
GW 81702		1/4	64	17-19	180
GW 81703		1/4	64	17-19	180
GW 81704		1/4	64	17-19	180
GW 81711		1/4	64	17-19	180
GW 81712		1/4	64	17-19	180
GW 81721		1/4	24	17-19	180
GW 81722		1/4	24	17-19	180
GW 81723		1/4	24	17-19	180
GW 81724		1/4	24	17-19	180

GW90

GW 90547		1	640	18	176
GW 90571		1/10	2240	18	182
GW 90572		1/10	2240	18	182
GW 90582	mt	100	10000		146
GW 90582	mt	100	10000		182
GW 90583	mt	100	10000		146
GW 90583	mt	100	10000		182
GW 90705		1	105	18	167
GW 90706 A		1	105		167
GW 90707		1	105	17	167
GW 90708		1	72	17	142
GW 90708		1	72	17	167
GW 90709		1	128	17	142
GW 90709		1	128	17	167
GW 90710		1	128	17	142
GW 90710		1	128	17	167
GW 90720		1	105	17	169

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 90721		1	312	17	168
GW 90724		1	105	17	169
GW 90725		1	105	17	169
GW 90726		1	105	17	169
GW 90737		1	57	18	171
GW 90738		1	57	18	171
GW 90739		1	105	18	171
GW 90740		1	192	17	171
GW 90743		1	105	17	172
GW 90744		1	70	17	172
GW 90746		1	105	17	172
GW 90747		1	0	17	172
GW 90748		1	128	17	173
GW 90749		1	128	17	173
GW 90753		1	0	17	172
GW 90754		1	105	17	172
GW 90759		1	105	17	172
GW 90763		1	64	17	169
GW 90769		1	36		144
GW 90769		1	36		175
GW 90770		1	195		144
GW 90770		1	195		175
GW 90771		1	36		175
GW 90772		1	156		175
GW 90773		1	156		175
GW 90774		1	156		175
GW 90775		1	156		175
GW 90782		1	156		170
GW 90785		1	156		170
GW 90787		1	0		170
GW 90788		1	105		170
GW 90789		1	105		170
GW 90791		1	156		170
GW 90797		1	156	18	176
GW 90800		1	40		175
GW 90805		1/10	640	18	181
GW 90806		1/10	640	18	181
GW 90807		50	7800	18	181
GW 90808		50	7800		181
GW 90809		1/5	3150	18	181
GW 90810		1/5	630	18	182
GW 90815		1	54	17	166
GW 90816		1	54		166
GW 90821		1	54		81
GW 90821		1	54		109
GW 90821		1	54		137
GW 90822		1	96		81
GW 90822		1	96		109
GW 90822		1	96		137
GW 90822		1	96		155
GW 90822		1	96		238
GW 90823		1	0		81
GW 90823		1	0		109
GW 90823		1	0		137
GW 90823		1	0		159
GW 90834		1	576	17	143
GW 90836		1	180	17	145
GW 90838		1	50		142
GW 90839		1	120		167
GW 90840		①	1	0	142
GW 90844		1	128	17	145

QUICK REFERENCE

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 90845		1	128	17	145
GW 90851		1	0		145
GW 90852		1	0		145
GW 90856	①	1	0		172
GW 90857	①	1	0		172
GW 90861		1	54	17	142
GW 90871		1	156		181
GW 90872		1	195		181

GW95					
GW 95921		1/2	320	6	252
GW 95922		1/2	320	6	252
GW 95923		1/2	320	6	252
GW 95924		1/2	560	6	252
GW 95925		1/2	320	6	252
GW 95926		1/2	320	6	252
GW 95928		5/100	1400		252

GW96					
GW 96941		1/4	464		221
GW 96942		1/4	464		221

NP40					
NP 40422		10/100	31200		317
NP 40432		10	600		229
NP 40432		10	600		281
NP 40432		10	600		315
NP 40434		10	360		229
NP 40434		10	360		281
NP 40434		10	360		315
NP 40438		10	480		229
NP 40438		10	480		281
NP 40438		10	480		315
NP 40440		10	360		229
NP 40440		10	360		281
NP 40440		10	360		315
NP 40444		5	180		229
NP 40444		5	180		281
NP 40444		5	180		315
NP 40446		5	180		229
NP 40446		5	180		281
NP 40446		5	180		315



①=June 2010



GW10651	GW81416	GW20622
GW10656	GW81443	GW20868
GW10661	GW81445	GW20867
GW10662	GW81444	GW20862
GW10666	GW81446	GW21833
GW10708	GW81461	GW21834
GW10711	GW81462	GW21634
GW10712	GW81463	GW21868
GW10716	GW81464	GW21867
GW12651	GW81465	GW21862
GW12656	GW81466	GW30501
GW12661	GW81471	GW30506
GW12662	GW81472	GW30601
GW12666	GW81473	GW30602
GW12708	GW81474	GW30603
GW12711	GW81475	GW30604
GW12712	GW81476	GW30605
GW12716	GW81421	GW30520
GW14651	GW81422	GW30519
GW14656	GW81425	GW30514
GW14661	GW81426	GW30515
GW14662	GW81431	GW30516
GW14666	GW81432	GW30726
GW14708	GW81435	GW34461
GW14711	GW81436	GW34561
GW14712	GW81701	
GW14716	GW81702	
GW81401	GW81703	
GW81402	GW81704	
GW81403	GW81711	
GW81404	GW81712	
GW81405	GW81721	
GW81406	GW81722	
GW81411	GW81723	
GW81412	GW81724	
GW81413	GW20833	
GW81414	GW20834	
GW81415	GW20634	

The logo for GEWISS, featuring the word "GEWISS" in a bold, orange, sans-serif font. The letters are slightly shadowed, giving it a three-dimensional appearance as if it's floating above a dark surface.

DOMOTICS ENERGY LIGHTING

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gewiss@gewiss.com - www.gewiss.com



GEWISS

Domotics

Energy Din-Bloc-Box

Lighting

Trade Catalogue

2010

GEWISS GROUP



FRANCE

GEWISS FRANCE - LES ULIS



GERMANY

GEWISS DEUTSCHLAND - MERENBERG



UNITED KINGDOM

GEWISS U.K. - CHIPPENHAM



SPAIN

GEWISS IBÉRICA - MADRID



PORTUGAL

GEWISS PORTUGAL - PENAFIEL



CHINA

GEWISS TRADING - SHANGAI



RUSSIA

GEWISS RUSSIA - MOSCOW



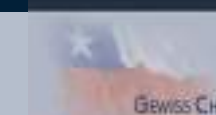
TURKEY

GEWISS ISTANBUL - ISTANBUL



ROMANIA

GEWISS ROMANIA - BUCAREST



CHILE

GEWISS CHILE - SANTIAGO DE CHILE



UAE

GEWISS GULF - DUBAI

GEWISS is an international leader in the production of systems and components for low voltage electrical installations.

The fact that development is seen as a constant management feature has permitted GEWISS to assert itself as a reference interlocutor for the electrotechnical market in the creation of solutions for domotics, energy and the lighting industry.

It is now present in Italy, France, Germany, the United Kingdom, Spain, Portugal, China, Russia, Turkey, Romania, Chile, the United Arab Emirates, and in a further 80 countries around the world.



ITALY



GEWISS HEADQUARTERS - CENATE SOTTO (BG) - ITALY

“ Development as a constant feature of management ”



Domotics

The domotic systems offer cutting-edge solutions for smart home and building management and control, guaranteeing safety, comfort and energy savings along with Italian design.

EnergyDin

The technologically advanced range of modular and moulded-case devices joins the vast range of distribution boards and cabinets, enclosures and combined boards to create the GEWISS Protection System.

EnergyBox

Special junction boxes and enclosures alongside a complete, co-ordinated line of enclosures and distribution boards. In addition, the GEWISS trunking systems are the element that combines the various system components.



EnergyBloc

Avant-garde industrial connections for the wide variety of applications guaranteed, and an integrated system of distribution boards for special systems - both fixed and mobile - for electric, design and functional co-ordination.

Lighting

The lighting solutions combine energy savings and visual comfort by offering products ideal for uses ranging from industry to street applications, from indoor and outdoor decoration to emergency lighting.

GEWISS

DOMOTICS ENERGY LIGHTING

EnergyDin



MODULAR DEVICES

90 ReSTART range	17
90 MCB range	35
90 RCD range	55
90 AM range	81

MOULDED-CASE DEVICES

MTX range	101
97 MSS range	145

EnergyBloc



PLUGS AND SOCKETS IEC 309

IEC 309 range	247
IB range	277

COMBINED IEC 309

68 Q-DIN range	317
68 ACS range	333
68 Q-MC 63X range	353
68 Q-MC range	361

EnergyBox



DISTRIBUTION AND AUTOMATION BOARDS AND ENCLOSURES

46 range	565
40 CD range	583
40 CDi range	591
40 CDe range	605

JUNCTION BOXES AND SPECIAL ENCLOSURES

44 CE range	619
GW CONNECT range	629
48 range	631
42 RV range	649
42 TV range	657

METAL DISTRIBUTION

BOARDS AND BOXES

47 CVX 160i range	152
47 CVX 160E range	158
47 CVX 630 K range	166
47 CVX 630 M range	182
47 CVX 1600 range	198
47 CVX BUSBAR range	224

SWITCH DISCONNECTORS

70 RT range	381
ATEX Solutions	385
GW CONNECT range	399

COMPLEMENTARY ITEMS FOR WIRING AND INSTALLATION

44 range	661
52 FS range	669

INDUSTRIAL CONTROLS AND INDICATORS

74 PS range	675
--------------------	-----

CONDUIT SYSTEMS AND ACCESSORIES

RK range	683
50/52 range	693
FK range	705
DF range	717
FU and PZ range	725

TRUNKING SYSTEMS AND ACCESSORIES

NP 40 range	731
NP 42 range	737
NP 44/52 range	747
NP 54/55 range	767
NP 48 range	777

CABLE TRAYS AND ACCESSORIES

BFR range	781
BRN range	795
SP range	819

NEW FEATURES OF THE 2010 DOCUMENTATION



TRADE CATALOGUE

Intuitive, immediate and user-friendly, the Trade Catalogue contains all the information you need on the Domotica, EnergyDIN, EnergyBLOC, EnergyBOX and Lighting ranges: apart from the product codes, you can also find the current prices as of 1st January 2010, and the selection tables for each range.



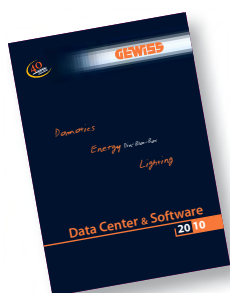
PRODUCT ALBUM

An overview of all the product families. In the Album you can find a description of the main characteristics and application advantages of the GEWISS solutions for home management, protection, energy distribution and lighting.



LIGHTING CATALOGUE

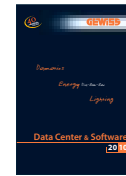
Conceived for the professionals of the world of lighting, the catalogue describes all the GEWISS lighting devices, with selection guides and technical tables to make your consultation and choice that much easier.



DVD DATA CENTER AND SOFTWARE

A useful multimedia support for professionals who want to access the information in the GEWISS catalogue from the comfort of their own PCs. The DVD contains:

- 2010 Software - the complete software suite for the design, budgeting and certification of the GEWISS range;
- Data Center - a multimedia catalogue for browsing the 2010 Trade Catalogue, the Product Album and the technical manuals.



Products Album

Trade Catalogue

Lighting Catalogue

DVD Data Center and software

Internet Portals

Product presentation	✓	✓	✓	✓	✓
Codes		✓	✓	✓	✓
Prices					✓
Technical characteristics					✓
Design support					✓
Assistance for estimates and the layout of contract specifications		✓	✓		✓
Certification assistance					✓
Technical assistance and training					✓
Sales assistance					✓
Product availability		✓	✓		✓
Order status					✓
Sales outlets					✓
Brands and homologation		✓	✓	✓	✓

GEWISS PROFESSIONAL

Created from the technological evolution in GEWISS, the GEWISS Professional skills centre spreads an electro-technical culture via:

- TRAINING - a range of courses to aid the professional and technical growth of the electro-technical experts.
- TEACHING - courses, manuals and equipment for technical school teachers.
- INNOVATION - a centre for spreading topics of social interest and as a point of exchange for people involved in plant engineering.
- SKILLS - teaching instruments and technical manuals for all those who want to develop their knowledge and learn about training activities.

The aim of GEWISS Professional is to help professionals increase their own, highly personal, unique and incomparable skills background via a path that leads them to fulfil their own professional potential. Installers and electrical designers, architects and professionals of the construction sector are the main target of the GEWISS Professional initiatives. But that's not all. The tools provided by GEWISS Professional will be a firm support for technical schools, universities, and production/entrepreneurial set-ups as well. For further information about the initiatives of GEWISS Professional, go to www.gewissprofesional.com.



GEWISS TRAINING

In recent years, GEWISS has dramatically increased its investments in training activities, by increasingly broadening the selection of activities dedicated to professionals of the electronics sector, in particular installers, designers, architects and building industry

representatives. In order to grasp the company's commitment, let's mention the number of activities pertaining to 2009: 800 training events (meetings, seminars, congresses and courses), which more than 50,000 professionals of the electronic sector attended.

Through these activities, GEWISS implements the objective of its "mission", that is the willingness to bring INNOVATION to the market.

Training is strategic to the whole sector, as the electrical world is evolving and the professionals concerned will increasingly have to possess adequate knowledge of the most modern system technologies. Today it is indispensable to possess cross-sector skills which foster the interaction between the electrical system and all the systems found in a building, by taking advantage of the automation and communication potentials offered by modern technologies.



www.gewiss.com



Thanks to the GEWISS electro-technical portal, you can keep up to date with the new ideas in the GEWISS range, follow on-line technical training courses, and consult the interactive catalogue and the technical bulletin. What's more, by accessing the GEWISS on-line services you'll receive prompt technical and commercial assistance at all times.

www.gewiss.tv



The first online TV of the electro-technical world, offering constant updates on all the innovations in this sector. On Gewiss.tv you'll find training videos, information, application references, and interviews with the experts.

www.gewiss.chorus.com



For all those who want to discover a new way of living the home, based around design, safety and practicality. The web area dedicated to the Chorus international domotic system lets you dress the walls of the home and choose the best solution for every room.

www.gewissprofessional.com



The site dedicated to the new GEWISS skills centre, promoting a new system culture via training courses, manuals, workshops and teaching kits for all those professionals who want to keep abreast of technological innovation.

www.spaziochorus.com




By just accessing the site, you can make a virtual tour through SPAZIO CHORUS, the intelligent GEWISS home in the heart of Fieramilano (Rho). Spaziochorus.com is a wonderful interactive experience applied to day-to-day life.

A complete software suite for the design, cost estimates and certification of the GEWISS range.



START **GWSTART**

Software for the control and management of GEWISS programs.
It shows all the characteristics of the various software packages by means of descriptions, pictures and video courses, making the choice easier.



CAD **GWCAD**

Software for the design and cost estimate of residential and tertiary electrical systems. It allows to obtain the documents to be attached to the Declaration of Conformity.




NEW **AESSE** **GWAESSE**

Software to configure AS, ACS or ASD-type distribution boards of the pre-established GEWISS building system and write the technical documentation, cost estimate and plate.




PROLITE **PROLITE**

Software for the lighting design of indoor and outdoor environments and the creation of the documentation to be supplied to the client as project selection aid.




PBT **GWPBT-Q**

Software for the design, sizing and cost estimate of BT systems and distribution boards. It also allows you to obtain the design of the front panel and carry out a thermal check.



PRICE **GWPRICE**

Software for the cost estimate of a complete electrical system. It may be used as a stand-alone or by importing data processed by other GEWISS programs.




BUS **GWBUS**

Software for the design and cost estimate of BUS systems.



DXF **GWDXF**

Software for managing the DXF drawings representing the GEWISS products, and for inserting them in AutoCad or GWCAD.



SINC **GWSINC**

Program for the automatic update of GEWISS software packages.

TECHNICAL ASSISTANCE SERVICE

- > Assistance for the layout of contract specifications
- > Assistance for cost estimates
- > Design assistance
- > Application software consulting
- > Applications of GEWISS products
- > GEWISS product certification
- > Assistance for system documentation
- > Information about quality marks and homologation

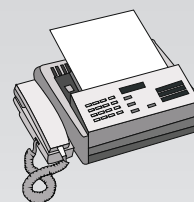


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GEWISS














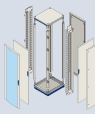

EnergyDin

Protection systems

MODULAR DEVICES

MOULDED-CASE DEVICES

METAL DISTRIBUTION BOARDS AND ENCLOSURES

90 ReSTART RANGE Self reclosing devices	17		ReSTART WITH AUTOTEST 2P	29		ReSTART Rm 2P	30																				
			ReSTART Rd 2P	29		ReSTART Rm PRO 2P	31																				
			ReSTART Rd PRO 2P	29																							
90 MCB RANGE Modular devices for circuit protection	35		MTC - Compact MCBs	40		MT - MCBs	43																				
	90 RCD RANGE Modular devices for residual current protection	55		MDC - Monobloc compact RCBOs	66		BD - Add-on RCDs for MT circuit breakers	73																			
							BDHP - Add-on RCDs for MTHP circuit breakers	74																			
90 AM RANGE Modular accessories	81		Auxiliaries and accessories	82		Control Programming	89																				
			Busbars and wiring components	84			94																				
			Protection	86																							
MTX RANGE Moulded-case circuit breakers for power distribution	101		MTX 160c	111		MTX/E 320	118																				
			MTX/E 160	113		MTX/E 630	123																				
			MTX 250	116																							
97 MSS RANGE Rotary switch disconnectors up to 630A	145		MSS - Rotary switch disconnectors up to 630A	148																							
47 CVX 160 i RANGE Flush-mounting distribution boards up to 160A	152		Structures	154		Front configuration	155																				
			47 CVX 160 E RANGE Wall-mounting distribution boards up to 160A with extractable frame	158			Structures	160		Front configuration	162																
							47 CVX 630 K RANGE Modular boards up to 630A - IP43	166			Structural elements	171		Front configuration	174												
											47 CVX 630 M RANGE Monobloc boards up to 630A - IP55	182			Structural elements	187		Front configuration	190								
															47 CVX 1600 RANGE Floor-mounting distribution boards up to 3200A	198			Structural elements	208		Front configuration	212				
																			47 BUSBAR RANGE Distribution systems for distribution boards	224			GWFIX Quick divider systems	233		Distribution terminal blocks	236

	ReSTART WITH AUTOTEST PRO 4P AUTOTEST 4P	32 32		ReSTART Rd PRO 4P ReSTART Rm PRO 4P	32 33		ReSTART Rm TOP 4P ReSTART Cm	33 33	90 RESTART RANGE
	MTHP - High performance MCBs	53							90 MCB RANGE
	SD - RCCBs Local RCDs protection	76 79							90 RCD RANGE
	Measurement Signalling	95 98		Various accessories	100				90 AM RANGE
	MTX/E 1000 MTSE 1600	125 128		MTXM MTSM	129 131		Accessories for moulded-case circuit breakers	131	MTX RANGE
									97 MSS RANGE
	Internal configuration Complementary items	155 156							47 CVX 160I RANGE
	Internal configuration Complementary items	163 164							47 CVX 160 E RANGE
	Internal configuration Technical components	178 179							47 CVX 630 K RANGE
	Internal configuration Technical components	194 195							47 CVX 630 M RANGE
	Internal configuration Complementary items	220 222							CVX 47 1600 RANGE
	Shaped continuous profile busbar distribution systems	237		Flat busbar distribution systems	240				47 BUSBAR RANGE

90 ReSTART range

Self reclosing devices

The 90 ReStart range is made up of an array of self reclosing devices which reset the coupled circuit breaker in total safety, therefore ideal for all domestic, commercial and industrial applications.

The main features are:











- System check before automatic reset.
- The Autotest function check the good working condition of the residual current device without cutting off the supply to the system.
- PRO and TOP versions for professional environments



90 ReSTART RANGE



SELF RECLOSING DEVICES



90 ReSTART RANGE

		 RESETTABLE RCCB WITH SELF-DIAGNOSIS FUNCTION	 RESETTABLE RCCB - SD
2P	SYSTEM CHECK AND SELF-DIAGNOSIS	 ReSTART WITH AUTOTEST 2P Monobloc versions	
	SYSTEM CHECK		 ReSTART Rd 2P Versions already coupled
	SYSTEM CONTINUOUS CHECK		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  ReSTART Rd PRO 2P Versions already coupled </div> <div style="text-align: center;">  SD 2P + ReSTART Rd PRO 4P </div> </div>
4P	CONTINUOUS SYSTEM CHECK AND SELF-DIAGNOSIS	 ReSTART WITH AUTOTEST PRO 4P Monobloc versions	
	SELF-DIAGNOSIS WITHOUT RESET	 AUTOTEST 4P without self reclosing Monobloc version	
	SYSTEM CONTINUOUS CHECK		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  ReSTART Rd PRO 4P Versions already coupled </div> <div style="text-align: center;">  SD 4P + ReSTART Rd PRO 4P </div> </div>

		RESETTABLE RCBO - MDC		RESETTABLE MCB - MT and MTC
2P	SYSTEM CHECK	<p>ReSTART Rm 2P Versions already coupled</p>		
	SYSTEM CONTINUOUS CHECK	<p>ReSTART Rm PRO 2P Versions already coupled</p>	<p>MDC 1P+N/2P + ReSTART Rm PRO 4P</p>	
	ADJUSTABLE SYSTEM CHECK	<p>ReSTART Rm TOP 4P + MDC 1P+N/2P</p>	<p>ReSTART Rm TOP 4P + MT 1P+N/2P + BD 2P</p>	<p>ReSTART Rm TOP 4P + MT/MTC 1P+N/2P</p>
4P	SYSTEM CONTINUOUS CHECK	<p>ReSTART Rm PRO 4P Versions already coupled</p>	<p>MDC 4P + ReSTART Rm PRO 4P</p>	
	ADJUSTABLE SYSTEM CHECK	<p>ReSTART Rm TOP 4P + MDC 3P/4P</p>	<p>ReSTART Rm TOP 4P + MT 3P/4P + BD 3P/4P</p>	<p>ReSTART Rm TOP 4P + MT/MTC 3P/4P</p>

ReSTART WITH 2 POLES - COUPLED VERSIONS

Type	I _n	ReSTART WITH AUTOTEST 2P	COUPLED VERSIONS ReSTART Rd 2P WITH SD 2P		COUPLED VERSIONS ReSTART Rd PRO 2P WITH SD 2P					
										
		5 mod.	4 mod.		4 mod.					
		A type	A type	A type [IR]	A type			A type [IR]	A type [S]	
		30 mA	30 mA	30 mA	30 mA	100 mA	300 mA	500 mA	30 mA	300 mA
25		GW 90 901	GW 94 817 R	GW 95 651 R	GW 94 817 P	–	GW 94 819 P	–	GW 95 651 P	–
40		GW 90 902	GW 94 827 R	GW 95 656 R	GW 94 827 P	GW 94 828 P	GW 94 829 P	GW 94 830 P	GW 95 656 P	GW 94 924 P
63		–	GW 94 837 R	GW 95 661 R	GW 94 837 P	GW 94 838 P	GW 94 839 P	GW 94 840 P	GW 95 661 P	GW 94 934 P
80		–	GW 94 847 R	–	GW 94 847 P	GW 94 848 P	GW 94 849 P	–	–	GW 94 944 P

		COUPLED VERSIONS ReSTART Rm 2P WITH MDC 2P		COUPLED VERSIONS ReSTART Rm PRO 2P WITH MDC 2P	
					
C CHARACTERISTIC - A-TYPE - 2 POLES - 4 MOD.					
I _{cn} [A]	I _n [A]	I _n = 30 mA		I _n = 30 mA	I _n = 300 mA
4500	6	GW 94 225 R		–	–
	10	GW 94 226 R		–	–
	13	GW 94 231 R		–	–
	16	GW 94 227 R		–	–
	20	GW 94 228 R		–	–
	25	GW 94 229 R		–	–
	32	GW 94 230 R		–	–
6000	6	GW 94 325 R		GW 94 325 P	GW 94 335 P
	10	GW 94 326 R		GW 94 326 P	GW 94 336 P
	13	GW 94 331 R		GW 94 331 P	–
	16	GW 94 327 R		GW 94 327 P	GW 94 337 P
	20	GW 94 328 R		GW 94 328 P	GW 94 338 P
	25	GW 94 329 R		GW 94 329 P	GW 94 339 P
	32	GW 94 330 R		GW 94 330 P	GW 94 340 P
10000	6	GW 95 225 R		GW 95 225 P	GW 95 235 P
	10	GW 95 226 R		GW 95 226 P	GW 95 236 P
	13	GW 95 231 R		GW 95 231 P	–
	16	GW 95 227 R		GW 95 227 P	GW 95 237 P
	20	GW 95 228 R		GW 95 228 P	GW 95 238 P
	25	GW 95 229 R		GW 95 229 P	GW 95 239 P
	32	GW 95 230 R		GW 95 230 P	GW 95 240 P

ReSTART WITH 4 POLES - COUPLED VERSIONS

		ReSTART WITH AUTOTEST PRO 4P		AUTOTEST 4P WITHOUT SELF RECLOSING	
		7 modules		7 modules	
		A type [IR]		A type [IR]	
In [A]	I n	30 mA	300 mA	30 mA	300 mA
25		GW 90 921	GW 90 927	GW 90 941	GW 90 947
40		GW 90 922	GW 90 928	GW 90 942	GW 90 948
63		GW 90 923	GW 90 929	GW 90 943	GW 90 949



		COUPLED VERSIONS ReSTART Rd PRO 4P WITH RCCB SD 4P			
		6 modules	7 modules	6 modules	7 modules
		AC type		A type	
In [A]	I n	30 mA			
25		GW 94 662 P	-	GW 94 867 P	-
40		GW 94 667 P	-	GW 94 897 P	-
63		-	GW 94 757 P	-	GW 94 937 P

		COUPLED VERSIONS ReSTART Rm PRO 4P WITH RCBO MDC 4P			
		7 modules			
Icn [A]	Characteristic	Type	I n	30 mA	
MDC 45					
4500	C	AC	16	GW 94 067 P	
			25	GW 94 069 P	
			32	GW 94 070 P	
		A	16	GW 94 267 P	
			25	GW 94 269 P	
			32	GW 94 270 P	
MDC 60					
6000	C	AC	16	GW 94 167 P	
			25	GW 94 169 P	
			32	GW 94 170 P	
		A	16	GW 94 367 P	
			25	GW 94 369 P	
			32	GW 94 370 P	

ReSTART 4 POLES - DEVICES TO BE COUPLED


MODULAR COMPATIBILITY OF ReSTART Rd PRO 4P WITH RCCB SD 4P	
	
3 modules	3 modules
I n = 30-100 mA	I n = 300-500 mA
GW 90 966	GW 90 968

+

									
		3 mod.	4 mod.	3 mod.	4 mod.	3 mod.	4 mod.	3 mod.	4 mod.
In [A]	Type	30 mA		100 mA		300 mA		500 mA	
25	AC	GW 94 662	GW 94 637 GW 94 697	-	GW 94 698	GW 94 664	GW 94 639 GW 94 699	-	-
	A	GW 94 867	GW 94 552 GW 94 877	-	GW 94 878	GW 94 869	GW 94 554 GW 94 879	-	-
	A[IR]	-	GW 95 676	-	-	-	GW 95 678	-	-
40	AC	GW 94 667	GW 94 647 GW 94 707	GW 94 668	GW 94 708	GW 94 669	GW 94 649 GW 94 709	GW 94 670	GW 94 710
	A	GW 94 897	GW 94 557 GW 94 927	GW 94 898	GW 94 928	GW 94 899	GW 94 559 GW 94 929	GW 94 900	GW 94 930
	A[IR]	-	GW 95 681	-	-	-	GW 95 683	-	-
	A[S]	-	-	-	-	-	GW 94 966	-	-
63	AC	-	GW 94 717 GW 94 757	-	GW 94 758	-	GW 94 719 GW 94 759	-	GW 94 760
	A	-	GW 94 907 GW 94 937	-	GW 94 938	-	GW 94 909 GW 94 939	-	GW 94 940
	A[IR]	-	GW 95 686	-	-	-	GW 95 688	-	-
	A[S]	-	-	-	-	-	GW 94 976	-	-
80	AC	-	GW 94 727 GW 94 761	-	GW 94 771	-	GW 94 728 GW 94 766	-	-
	A	-	GW 94 947	-	GW 94 948	-	GW 94 949	-	-
	A[S]	-	-	-	-	-	GW 94 986	-	-
100	AC	-	GW 94 737 GW 94 777	-	GW 94 778	-	GW 94 739 GW 94 779	-	GW 94 780
	A	-	GW 94 957	-	GW 94 958	-	GW 94 959	-	GW 94 960
	A[IR]	-	GW 95 696	-	-	-	GW 95 698	-	-
	A[S]	-	-	-	-	-	GW 94 996	-	-

The ReStart Rd PRO 4P devices are also compatible with the SD 2P. The reset device must be powered at 230V AC phase-neutral





ReSTART 4 POLES - DEVICES TO BE COUPLED

MODULAR COMPATIBILITY OF ReSTART Rm PRO 4P AND Rm TOP 4P WITH RCBO MDC 3P AND 4P				
				
ReSTART Rm TOP 4P 4 modules GW 90 893				

OR

					
		ReSTART Rm PRO 4P 3 modules GW 90 986			ReSTART Rm PRO 4P 3 modules GW 90 988

+

					
		3 poles 3 modules	4 poles 4 modules	3 poles 3 modules	4 poles 4 modules

Icn [A]	Characteristic	Type	In [A]	In	30 mA		300 mA	
					MDC 45			
4500	C	AC	6	GW 94 045	GW 94 065	GW 94 055	GW 94 075	
			10	GW 94 046	GW 94 066	GW 94 056	GW 94 076	
			13	GW 94 051	GW 94 071	-	-	
			16	GW 94 047	GW 94 067	GW 94 057	GW 94 077	
			20	GW 94 048	GW 94 068	GW 94 058	GW 94 078	
			25	GW 94 049	GW 94 069	GW 94 059	GW 94 079	
		A	32	GW 94 050	GW 94 070	GW 94 060	GW 94 080	
			6	GW 94 245	GW 94 265	GW 94 255	GW 94 275	
			10	GW 94 246	GW 94 266	GW 94 256	GW 94 276	
			13	GW 94 251	GW 94 271	-	-	
			16	GW 94 247	GW 94 267	GW 94 257	GW 94 277	
			20	GW 94 248	GW 94 268	GW 94 258	GW 94 278	
			25	GW 94 249	GW 94 269	GW 94 259	GW 94 279	
			32	GW 94 250	GW 94 270	GW 94 260	GW 94 280	
				MDC 60				
6000	C	AC	6	GW 94 145	GW 94 165	GW 94 155	GW 94 175	
			10	GW 94 146	GW 94 166	GW 94 156	GW 94 176	
			13	GW 94 151	GW 94 171	-	-	
			16	GW 94 147	GW 94 167	GW 94 157	GW 94 177	
			20	GW 94 148	GW 94 168	GW 94 158	GW 94 178	
			25	GW 94 149	GW 94 169	GW 94 159	GW 94 179	
		A	32	GW 94 150	GW 94 170	GW 94 160	GW 94 180	
			6	GW 94 345	GW 94 365	GW 94 355	GW 94 375	
			10	GW 94 346	GW 94 366	GW 94 356	GW 94 376	
			13	GW 94 351	GW 94 371	-	-	
			16	GW 94 347	GW 94 367	GW 94 357	GW 94 377	
			20	GW 94 348	GW 94 368	GW 94 358	GW 94 378	
			25	GW 94 349	GW 94 369	GW 94 359	GW 94 379	
			32	GW 94 350	GW 94 370	GW 94 360	GW 94 380	
	B	6	GW 95 145	GW 95 165	GW 95 155	GW 95 175		
		10	GW 95 146	GW 95 166	GW 95 156	GW 95 176		
		13	GW 95 151	GW 95 171	-	-		
		16	GW 95 147	GW 95 167	GW 95 157	GW 95 177		
		20	GW 95 148	GW 95 168	GW 95 158	GW 95 178		
		25	GW 95 149	GW 95 169	GW 95 159	GW 95 179		
		32	GW 95 150	GW 95 170	GW 95 160	GW 95 180		

NOTES: The reset devices with the MDC 3P can be used only with 3P loads (therefore without through neutral).
 The reset devices are also compatible with the MDC 1P+N and 2P. The reset device must be supplied with 230V AC phase-neutral.

ReSTART 4 POLES - DEVICES TO BE COUPLED

MODULAR COMPATIBILITY OF ReSTART Rm TOP 4P WITH MCB+ADD-ON RCD 3P AND 4P



4 modules
GW 90 893



MCB - MINIATURE MODULAR CIRCUIT BREAKERS (EN 60898)



No. poles		3 poles	4 poles	3 poles	4 poles	3 poles	4 poles
Dimensions		3 modules	4 modules	3 modules	4 modules	3 modules	4 modules
Icn [A]		6000		10000		25000	
Characteristic		MT 60		MT 100		MT 250	
	In [A]						
C	1	GW 92 061	GW 92 081	-	-	-	-
	2	GW 92 062	GW 92 082	-	-	-	-
	3	GW 92 063	GW 92 083	-	-	-	-
	4	GW 92 064	GW 92 084	-	-	-	-
	6	GW 92 065	GW 92 085	GW 92 665	GW 92 685	GW 92 865	GW 92 885
	10	GW 92 066	GW 92 086	GW 92 666	GW 92 686	GW 92 866	GW 92 886
	13	GW 92 074	GW 92 094	GW 92 674	GW 92 694	-	-
	16	GW 92 067	GW 92 087	GW 92 667	GW 92 687	GW 92 867	GW 92 887
	20	GW 92 068	GW 92 088	GW 92 668	GW 92 688	GW 92 868	GW 92 888
	25	GW 92 069	GW 92 089	GW 92 669	GW 92 689	GW 92 869	GW 92 889
	32	GW 92 070	GW 92 090	GW 92 670	GW 92 690	GW 92 870	GW 92 890
	40	GW 92 071	GW 92 091	GW 92 671	GW 92 691	GW 92 871	GW 92 891
	50	GW 92 072	GW 92 092	GW 92 672	GW 92 692	GW 92 872	GW 92 892
63	GW 92 073	GW 92 093	GW 92 673	GW 92 693	GW 92 873	GW 92 893	
B	6	GW 92 265	GW 92 285	GW 92 565	GW 92 585	-	-
	10	GW 92 266	GW 92 286	GW 92 566	GW 92 586	-	-
	13	GW 92 274	GW 92 294	GW 92 567	GW 92 587	-	-
	16	GW 92 267	GW 92 287	GW 92 568	GW 92 588	-	-
	20	GW 92 268	GW 92 288	GW 92 569	GW 92 589	-	-
	25	GW 92 269	GW 92 289	GW 92 570	GW 92 590	-	-
	32	GW 92 270	GW 92 290	GW 92 571	GW 92 591	-	-
	40	GW 92 271	GW 92 291	GW 92 572	GW 92 592	-	-
50	GW 92 272	GW 92 292	GW 92 573	GW 92 593	-	-	
63	GW 92 273	GW 92 293	GW 92 574	GW 92 594	-	-	
D	1	-	-	GW 92 761	GW 92 781	-	-
	2	-	-	GW 92 762	GW 92 782	-	-
	3	-	-	GW 92 763	GW 92 783	-	-
	4	-	-	GW 92 764	GW 92 784	-	-
	6	GW 92 465	GW 92 485	GW 92 765	GW 92 785	-	-
	10	GW 92 466	GW 92 486	GW 92 766	GW 92 786	-	-
	13	GW 92 474	GW 92 494	GW 92 774	GW 92 794	-	-
	16	GW 92 467	GW 92 487	GW 92 767	GW 92 787	-	-
	20	GW 92 468	GW 92 488	GW 92 768	GW 92 788	-	-
	25	GW 92 469	GW 92 489	GW 92 769	GW 92 789	-	-
	32	GW 92 470	GW 92 490	GW 92 770	GW 92 790	-	-
	40	GW 92 471	GW 92 491	GW 92 771	GW 92 791	-	-



BD - ADD-ON RESIDUAL CURRENT DEVICES (EN 61009-1 APP.G)



		3 poles	4 poles	3 poles	4 poles	3 poles	4 poles
		3.5 modules					
Type	In [mA]	In≤25 A	In≤63 A	In≤25 A	In≤63 A	In≤25 A	In≤63 A
AC	30	GW 94 442	GW 94 448	GW 94 422	GW 94 432	GW 94 442	GW 94 448
	300	GW 94 443	GW 94 449	GW 94 423	GW 94 433	GW 94 443	GW 94 449
	500	GW 94 444	GW 94 450	GW 94 424	GW 94 434	GW 94 444	GW 94 450
A	30	GW 94 542	GW 94 547	GW 94 522	GW 94 532	GW 94 542	GW 94 547
	300	GW 94 543	GW 94 548	GW 94 523	GW 94 533	GW 94 543	GW 94 548
	500	GW 94 544	GW 94 549	GW 94 524	GW 94 534	GW 94 544	GW 94 549
A[S]	300	GW 94 598	GW 94 583	GW 94 598	GW 94 583	GW 94 598	GW 94 583
	1000	GW 94 600	GW 94 585	GW 94 600	GW 94 585	GW 94 600	GW 94 585



NOTES: the ReSTART Rm TOP 4P reset devices are also compatible with the MT and MT+BD (version 1P+N and 2P), and with the whole MTC range. The reset device must be supplied with 230V AC phase-neutral.

ReSTART WITH AUTOTEST 2P - RESIDUAL CURRENT CIRCUIT BREAKERS 2P WITH RESET AND AUTOTEST

		ReSTART WITH AUTOTEST 2P	
Technical characteristics			
Standards:		EN 61008-1 (residual current device), CEI 23-101	
Distribution system:		TT - TN	
Rated current (I_n):	(A)	25 - 40	
Rated operational voltage (U_e):	(V)	230 AC phase-neutral	
Rated working resistance between active components and earth (R_D):	(kΩ)	120 (20*)	
Rated not working resistance between active components and earth (R_{D0}):	(kΩ)	400 (70*)	
Rated insulation voltage (U_i):	(V)	500	
Dielectric strength test voltage between pole and earth:	(V)	2500 AC for 1 minute	
Rated impulse withstand voltage (U_{imp}):	(kV)	4	
Rated frequency:	(Hz)	50	
Type:		A	
Rated residual operating current (I_{Δn}):	(mA)	30	
Number of poles:		2	
Width in DIN modules:		5	
Residual making and breaking capacity (I_{Δm}):	(A)	630	
RESTART and AUTOTEST characteristics			
Off-load absorbed power:	(VA)	8 (cos φ=0)	
Absorbed power during automatic reclosing:	(VA)	10 (cos φ=0.59)	
Dissipated power at I_n:	(W)	25A: 2.2	40A: 5.4
Autotest cycle time:	(min)	< 3 (< 7s*)	
Closing control:		automatic	
Closing time:	(s)	< 90 (< 10*)	
Closing of contacts:		instantaneous	
Mechanical endurance (No. of operations/resets):		1000	
Mechanical characteristics			
Maximum operational frequency:	(operations/h)	30	
Operating temperature:	(°C)	From -5° to +40°	
Terminal section:	(mm ²)	35 flexible cable, 35 rigid cable	
Rated tightening torque:	(Nm)	2	
Power supply:		from upstream	
Degree of protection:		IP20	
Tropicalisation:		55°C - RH 95%	
Auxiliary contact characteristics			
Type of contact:		Phototriac	
Operating voltage/rated frequency:	(V/Hz)	12-230 AC/50	
Maximum current:	(mA)	100 cos φ = 1	
Minimum current:	(mA)	0.6	
Category of use:		AC12	
Operating mode:		NO / intermittent / communication with Activo enclosure	
Terminal section:	(mm ²)	2.5	

* Characteristics available during the validity of the catalogue

ReSTART WITH AUTOTEST PRO 4P - RESIDUAL CURRENT CIRCUIT BREAKERS 4P WITH RESET AND AUTOTEST

	ReSTART WITH AUTOTEST PRO 4P	AUTOTEST 4P WITHOUT SELF RECLOSING
		
Technical characteristics		
Standards:	EN 61008-1 (residual current device), CEI 23-101	
Distribution system:	TT - TN	
Rated current (I _n):	(A)	25 - 40 - 63
Rated operational voltage (U _e):	(V)	400 AC
Rated working resistance between active components and earth (R _D):	(kΩ)	8 (30mA); 2.5 (300mA)
Rated not working resistance between active components and earth (R _{Do}):	(kΩ)	16 (30mA); 5 (300mA)
Number of poles:		4
Rated residual operating current (IΔn):	(mA)	30, 300
Type:		A[IR]
Rated frequency:	(Hz)	50
Power supply:		from upstream
Off-load absorbed power:	(VA)	4 (cos φ = 0)
Absorbed power during automatic reclosing:	(VA)	49 (cos φ = 0.55)
Dissipated power at I _n :	(W)	3.5 (25A) - 6 (40A) - 12 (63A)
Rated insulation voltage (U _i):	(V)	500
Dielectric strength test voltage between pole and earth:	(V)	2500 AC for 1 minute
Rated impulse withstand voltage (U _{imp}):	(kV)	4
Residual making and breaking capacity (IΔm):	(A)	630
Co-ordination with fuses IΔc:	(A)	10000 (gL 80A fuse)
Mechanical characteristics		
No. of modules:		7
Mechanical endurance (No. of operations/resets):		4000
Maximum operational frequency:	(operations/h)	30
Closing control:		automatic
Closing time:	(s)	< 10
Autotest cycle duration:	(s)	< 7
Operating temperature:	(°C)	from -5 to +40
Terminal section:	(mm ²)	35 flexible cable, 35 rigid cable
Rated tightening torque:	(Nm)	2
Degree of protection:		IP20
Tropicalisation:		55°C - RH 95%
Auxiliary contact characteristics		
Type of contact:		1 Photomos
Operating voltage/rated frequency:	(V/Hz)	5-230 AC/DC /50
Maximum current:	(mA)	100 (cos φ = 1)
Minimum operating current:	(mA)	0.6
Category of use:		AC12
Operating mode:		1 NO/1NC/impulse
Terminal section:	(mm ²)	2.5





ReSTART 2P - CIRCUIT BREAKERS WITH SELF RECLOSING DEVICE

	R _D	R _D PRO	R _M	R _M PRO
Electrical characteristics				
Standards:	EN 61008-1 (RCCB), CEI 23-101 (self reclosing device)		EN 61009-1 (RCBO), CEI 23-101 (self reclosing device)	
Distribution system:	TT-TN			
Rated operational voltage (U_e):	(V)	230 AC phase-neutral		
Width in DIN modules:		2 + 2		
Operating voltage:	(V)	from 0.85 to 1.10 U _e		
Rated insulation voltage (U_i):	(V)	500		
Dielectric strength test voltage between pole and earth:	(V)	2500V for 1 minute		
Rated frequency:	(Hz)	50		
Rated impulse withstand voltage (U_{imp}):	(kV)	4		
Rated working resistance between active components and earth (R_D):	(kΩ)	20	8 (30/100mA); 2.5 (300/500mA)	20
Rated not working resistance between active components and earth (R₀₀):	(kΩ)	70	16 (30/100mA); 5 (300/500mA)	70
Rated working resistance between active parts (R_{cc}):	(Ω)	-	-	0.8
Rated not working resistance between active parts (R_{cco}):	(Ω)	-	-	1.3
Off-load absorbed power:	(VA)	0	17 (cos φ = 0)	0
Absorbed power during automatic reclosing:	(VA)	18 (cos φ = 0.46)		
Dissipated power at In:	(W)	Dispersible power of the associated circuit breaker		
Mechanical characteristics				
Closing control:		AUTOMATIC		
Closing time:	(s)	< 90		
Contact reset:		INSTANTANEOUS		
Minimum interval between two consecutive automatic recloses:	(min)	3		
Coupling side:		RIGHT		
Mechanical endurance (No. of operations/resets):		1000		
Maximum operational frequency:	(operations/h)	15		
Operating temperature:	(°C)	from -5 to +40		
Degree of protection:		IP20		
Tropicalisation:		55°C - RH 95%		
Auxiliary contact characteristics*				
Type of contact:		-	1 Photomos	-
Operating voltage/rated frequency:	(V/Hz)	-	5 - 230 AC/DC /50	-
Maximum current:	(mA)	-	100 cos φ = 1	-
Minimum operating current:	(mA)	-	0.6	-
Operating mode:		-	NO/NC/INTERMITTENT	-
Category of use:		-	AC12	-
Terminal section:	mm ²	-	2.5	-

Functions table				
Self reclosing after untimely tripping:		•	•	•
Earth failure test:		•	•	•
Short-circuit check:				•
Continuous electrical circuit monitoring:			•	•
No reclosing in the event of a fault:		•	•	•
Light signalling of self reclosing in progress:		•	•	•
Light signalling of fault detect:		•	•	•
Connection/disconnection of the self reclosing functions:		•	•	•
Auxiliary contact for remote condition:			•	•
Electrical protection		PTC	PTC	PTC

* By connecting a relay equipped with change-over contacts (CO) to the auxiliary contact, signalling of both standby mode and reclose completion is possible.

ReSTART 4P - SELF RECLOSING DEVICES

	Rd PRO	Rm PRO	Rm TOP	Cm
				
Electrical characteristics				
Standards:	CEI 23-101 (self reclosing device)			-
Distribution system:	TT - TN		TT-TN-IT (IT without fault check)	TT-TN-IT
Rated operational voltage (Ue):	(V)	230 AC phase-neutral		
Rated frequency:	(Hz)	50		
Rated working resistance between active components and earth (Rd):	(kΩ)	8 (30/100mA); 2.5 (300/500mA)		-
Rated not working resistance between active components and earth (Rbo):	(kΩ)	16 (30/100mA); 5 (30/5000mA)		-
Rated working resistance between active parts (Rcc):	(Ω)	-	0.3	-
Rated not working resistance between active parts (Rcco):	(Ω)	-	1.8	-
Off-load absorbed power:	(VA)	4 (cos φ = 0)	16 (cos φ = 0)	15 (cos φ = 0.06)
Absorbed power during automatic resetting:	(VA)	45 (cos φ = 0.55)	34 (cos φ = 0.67)	30 (cos φ = 0.64)
Dissipated power at In:	(W)	Dispersible power of the associated circuit breaker		
Rated insulation voltage (Ui):		500		
Dielectric strength test voltage between pole and earth:		2500 AC for 1 minute		
Rated impulse withstand voltage (Uimp):		4		
Mechanical characteristics				
No. of modules:		3	4	2
Mechanical endurance (No. of operations/resets):		4000	10000	10000
Maximum operational frequency:	(operations/h)	30		
Closing control:		automatic	manual/automatic/ cyclical/maintained	manual/cyclical/maintained
Closing time:	(s)	< 10	<3(<10 with system test)	< 3
Operating temperature:	(°C)	from -5 to +40		
Degree of protection:		IP20		
Tropicalisation:		55°C - RH 95%		
Auxiliary contact characteristics				
Type of contact:		1 changeover (CO)	1 changeover (CO)	1 Photomos
Maximum current:	(A)	0.4 (AC) / 1.5 (DC)	1.5 (AC) 0.8 (DC)	0.1 (AC/DC)
Operating voltage:	(V)	230 AC/ 30 DC	230 AC 30 DC	5-230 AC/DC
Operating mode:		changeover	changeover	1NO/1NC/ intermittent
Category of use:		AC12		
Terminal section:	(mm ²)	2.5		
Function table				
Self reclosing after untimely tripping:		•	•	•
Earth failure test:		•	•	•
Possible insulation threshold:				•
Short-circuit check:			•	•
Continuous system check:		•	•	•
Adjustable reset time:				•
Adjustment reclosing mode:				•
No reclosing in the event of a fault:		•	•	•
Light signalling of self reclosing in progress:		•	•	•
Light signalling of fault detect:		•	•	•
Connection/disconnection of the self reclosing functions:		•	•	•
Auxiliary contact for remote condition:		•	•	•
Electrical protection:		PTC	PTC	PTC

ReSTART 2 POLES

ReSTART WITH AUTOTEST - 2 POLES

GW90901



2 POLE RESIDUAL CURRENT CIRCUIT BREAKERS WITH SELF RECLOSING DEVICE, PREVENTIVE CONTROL OF THE INSULATION AND PERIODICAL CHECK OF GOOD WORKING CONDITION

Code	Idn	Rated current	Type	Rated voltage	No. modules	Pack. Carton.
No. of poles: 2P						
GW 90 901	30 mA	25 A	A	230 V	5	1/4
GW 90 902	30 mA	40 A	A	230 V	5	1/4

CHARACTERISTICS: residual current circuit breakers with self reclosing device, preventive control of insulation and periodical check of the good working condition, without removing the power supply from the system. Earth leakage protection always guaranteed, even during the test cycle. Integrated auxiliary contact.

ReSTART Rd 2P - VERSIONS COUPLED WITH RCCB's - SD - 2 POLES

GW94817R



SD 2 POLE RESIDUAL CURRENT CIRCUIT BREAKERS WITH SELF RECLOSING DEVICE AND PREVENTIVE CONTROL OF THE INSULATION

Code	Idn	Rated current	Type	Rated voltage	No. modules	Pack. Carton.
No. of poles: 2P						
GW 94 817 R	30 mA	25 A	A	230 V	4	1/4
GW 94 827 R	30 mA	40 A	A	230 V	4	1/4
GW 94 837 R	30 mA	63 A	A	230 V	4	1/4
GW 94 847 R	30 mA	80 A	A	230 V	4	1/4
GW 95 651 R	30 mA	25 A	A[IR]	230 V	4	1/4
GW 95 656 R	30 mA	40 A	A[IR]	230 V	4	1/4
GW 95 661 R	30 mA	63 A	A[IR]	230 V	4	1/4

ReSTART Rd PRO 2P - VERSIONS COUPLED WITH RCCB's - SD - 2 POLES

GW94817P



SD 2 POLES RESIDUAL CURRENT CIRCUIT BREAKERS WITH SELF RECLOSING DEVICE AND PREVENTIVE CONTROL OF THE INSULATION - PRO VERSION

Code	Idn	Rated current	Type	Rated voltage	No. modules	Pack. Carton.
No. of poles: 2P						
GW 94 817 P	30 mA	25 A	A	230 V	4	1/4
GW 94 827 P	30 mA	40 A	A	230 V	4	1/4
GW 94 837 P	30 mA	63 A	A	230 V	4	1/4
GW 94 847 P	30 mA	80 A	A	230 V	4	1/4
GW 95 651 P	30 mA	25 A	A[IR]	230 V	4	1/4
GW 95 656 P	30 mA	40 A	A[IR]	230 V	4	1/4
GW 95 661 P	30 mA	63 A	A[IR]	230 V	4	1/4
GW 94 828 P	100 mA	40 A	A	230 V	4	1/4
GW 94 838 P	100 mA	63 A	A	230 V	4	1/4
GW 94 848 P	100 mA	80 A	A	230 V	4	1/4
GW 94 819 P	300 mA	25 A	A	230 V	4	1/4
GW 94 829 P	300 mA	40 A	A	230 V	4	1/4
GW 94 839 P	300 mA	63 A	A	230 V	4	1/4
GW 94 849 P	300 mA	80 A	A	230 V	4	1/4
GW 94 924 P	300 mA	40 A	A[S]	230 V	4	1/4
GW 94 934 P	300 mA	63 A	A[S]	230 V	4	1/4
GW 94 944 P	300 mA	80 A	A[S]	230 V	4	1/4
GW 94 830 P	500 mA	40 A	A	230 V	4	1/4
GW 94 840 P	500 mA	63 A	A	230 V	4	1/4

CHARACTERISTICS: integrated auxiliary contact.

NOTES: ReStart Rd PRO 2P guarantees the maximum safety and continuity of service, thanks to a lower insulation control threshold and the continuous monitoring of the system over time.

90 ReSTART RANGE

SELF RECLOSING DEVICES

ReSTART Rm 2P - VERSIONS COUPLED WITH RCBO's - MDC 45 - 2 POLES

GW94225R



RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION MDC 45, 2 POLES WITH SELF RECLOSING DEVICE, PREVENTIVE CONTROL OF THE INSULATION AND SHORT-CIRCUIT PRESENCE - 4500 A (EN 61009-1) - 4.5 KA (EN 60947-2)

Code	Idn	Rated current	Type	Curve	Rated voltage	No. modules	Pack. Carton.
No. OF POLES: 2P							
GW 94 225 R	30 mA	6 A	A	C	230V	4	1/4
GW 94 226 R	30 mA	10 A	A	C	230V	4	1/4
GW 94 231 R	30 mA	13 A	A	C	230V	4	1/4
GW 94 227 R	30 mA	16 A	A	C	230V	4	1/4
GW 94 228 R	30 mA	20 A	A	C	230V	4	1/4
GW 94 229 R	30 mA	25 A	A	C	230V	4	1/4
GW 94 230 R	30 mA	32 A	A	C	230V	4	1/4

ReSTART Rm 2P - VERSIONS COUPLED WITH RCBO's - MDC 60 - 2 POLES

GW94325R



RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION MDC 60, 2 POLES WITH SELF RECLOSING DEVICE, PREVENTIVE CONTROL OF THE INSULATION AND SHORT-CIRCUIT PRESENCE - 6000 A (EN 61009-1) - 6 KA (EN 60947-2)

Code	Idn	Rated current	Type	Curve	Rated voltage	No. modules	Pack. Carton.
No. OF POLES: 2P							
GW 94 325 R	30 mA	6 A	A	C	230V	4	1/4
GW 94 326 R	30 mA	10 A	A	C	230V	4	1/4
GW 94 331 R	30 mA	13 A	A	C	230V	4	1/4
GW 94 327 R	30 mA	16 A	A	C	230V	4	1/4
GW 94 328 R	30 mA	20 A	A	C	230V	4	1/4
GW 94 329 R	30 mA	25 A	A	C	230V	4	1/4
GW 94 330 R	30 mA	32 A	A	C	230V	4	1/4

ReSTART Rm 2P - VERSIONS COUPLED WITH RCBO's - MDC 100 - 2 POLES

GW95225R



RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION MDC 100, 2 POLES WITH SELF RECLOSING DEVICE, PREVENTIVE CONTROL OF THE INSULATION AND SHORT-CIRCUIT PRESENCE - 10000 A (EN 61009-1) - 10 KA (EN 60947-2)

Code	Idn	Rated current	Type	Curve	Rated voltage	No. modules	Pack. Carton.
No. OF POLES: 2P							
GW 95 225 R	30 mA	6 A	A	C	230V	4	1/4
GW 95 226 R	30 mA	10 A	A	C	230V	4	1/4
GW 95 231 R	30 mA	13 A	A	C	230V	4	1/4
GW 95 227 R	30 mA	16 A	A	C	230V	4	1/4
GW 95 228 R	30 mA	20 A	A	C	230V	4	1/4
GW 95 229 R	30 mA	25 A	A	C	230V	4	1/4
GW 95 230 R	30 mA	32 A	A	C	230V	4	1/4

①=May 2010

②=June 2010

③=September 2010

ReSTART Rm PRO 2P - VERSIONS COUPLED WITH RCBO's - MDC 60 - 2 POLES

GW94325P



MDC 60 RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION, 2 POLES WITH SELF RECLOSING DEVICE, PREVENTIVE CONTROL OF THE INSULATION AND OF SHORT-CIRCUITING - 6000 A (EN 61009-1) - 6 KA (EN60947 -2) - PRO VERSION

Code	Idn	Rated current	Type	Curve	Rated voltage	No. modules	Pack. Carton.
No. of poles: 2P							
GW 94 325 P	30 mA	6 A	A	C	230 V	4	1/4
GW 94 326 P	30 mA	10 A	A	C	230 V	4	1/4
GW 94 331 P	30 mA	13 A	A	C	230 V	4	1/4
GW 94 327 P	30 mA	16 A	A	C	230 V	4	1/4
GW 94 328 P	30 mA	20 A	A	C	230 V	4	1/4
GW 94 329 P	30 mA	25 A	A	C	230 V	4	1/4
GW 94 330 P	30 mA	32 A	A	C	230 V	4	1/4
GW 94 335 P	300 mA	6 A	A	C	230 V	4	1/4
GW 94 336 P	300 mA	10 A	A	C	230 V	4	1/4
GW 94 337 P	300 mA	16 A	A	C	230 V	4	1/4
GW 94 338 P	300 mA	20 A	A	C	230 V	4	1/4
GW 94 339 P	300 mA	25 A	A	C	230 V	4	1/4
GW 94 340 P	300 mA	32 A	A	C	230 V	4	1/4

CHARACTERISTICS: integrated auxiliary contact.

NOTES: ReStart Rm PRO 2P guarantees the maximum safety and continuity of service, thanks to a lower insulation control threshold and the continuous monitoring of the system over time.

ReSTART Rm PRO 2P - VERSIONS COUPLED WITH RCBO's - MDC 100 - 2 POLES

GW95225P



RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION MDC 100, 2 POLES WITH SELF RECLOSING DEVICE, PREVENTIVE CONTROL OF THE INSULATION AND SHORT-CIRCUIT PRESENCE - 10000 A (EN 61009-1)

Code	Idn	Rated current	Type	Curve	Rated voltage	No. modules	Pack. Carton.
No. of poles: 2P							
GW 95 225 P	30 mA	6 A	A	C	230 V	4	1/4
GW 95 226 P	30 mA	10 A	A	C	230 V	4	1/4
GW 95 231 P	30 mA	13 A	A	C	230 V	4	1/4
GW 95 227 P	30 mA	16 A	A	C	230 V	4	1/4
GW 95 228 P	30 mA	20 A	A	C	230 V	4	1/4
GW 95 229 P	30 mA	25 A	A	C	230 V	4	1/4
GW 95 230 P	30 mA	32 A	A	C	230 V	4	1/4
GW 95 235 P	300 mA	6 A	A	C	230 V	4	1/4
GW 95 236 P	300 mA	10 A	A	C	230 V	4	1/4
GW 95 237 P	300 mA	16 A	A	C	230 V	4	1/4
GW 95 238 P	300 mA	20 A	A	C	230 V	4	1/4
GW 95 239 P	300 mA	25 A	A	C	230 V	4	1/4
GW 95 240 P	300 mA	32 A	A	C	230 V	4	1/4

CHARACTERISTICS: integrated auxiliary contact.

NOTES: ReStart Rm PRO 2P guarantees the maximum safety and continuity of service, thanks to a lower insulation control threshold and the continuous monitoring of the system over time.

ReSTART 4 POLES

ReSTART WITH AUTOTEST PRO - 4 POLES

GW90921



RESIDUAL CURRENT CIRCUIT BREAKERS 4 POLES WITH SELF RECLOSING DEVICE, PREVENTIVE CONTROL OF THE INSULATION AND PERIODICAL CHECK OF GOOD WORKING CONDITION - PRO VERSION

Code	I _{dn}	Rated current	Type	Rated voltage	No. modules	Pack. Carton.
No. OF POLES: 4P						
GW 90 921	30 mA	25 A	A[IR]	400 V	7	1/2
GW 90 922	30 mA	40 A	A[IR]	400 V	7	1/2
GW 90 923	30 mA	63 A	A[IR]	400 V	7	1/2
GW 90 927	300 mA	25 A	A[IR]	400 V	7	1/2
GW 90 928	300 mA	40 A	A[IR]	400 V	7	1/2
GW 90 929	300 mA	63 A	A[IR]	400 V	7	1/2

CHARACTERISTICS: residual current circuit breakers with self reclosing device, preventive control of insulation and periodical check of the good working condition, without removing the power supply from the system.

Earth leakage protection always guaranteed, even during the test cycle. Integrated auxiliary contact.

NOTES: ReStart with Autotest PRO 4P guarantees the maximum safety and service continuity, thanks to a lower insulation control threshold and the continuous monitoring of the system over time.

AUTOTEST WITHOUT SELF RECLOSING DEVICE - 4 POLES

GW90941



RESIDUAL CURRENT CIRCUIT BREAKERS 4 POLES WITH PERIODICAL CHECK OF GOOD WORKING CONDITION

Code	I _{dn}	Rated current	Type	Rated voltage	No. modules	Pack. Carton.
No. OF POLES: 4P						
GW 90 941	30 mA	25 A	A[IR]	400 V	7	1/2
GW 90 942	30 mA	40 A	A[IR]	400 V	7	1/2
GW 90 943	30 mA	63 A	A[IR]	400 V	7	1/2
GW 90 947	300 mA	25 A	A[IR]	400 V	7	1/2
GW 90 948	300 mA	40 A	A[IR]	400 V	7	1/2
GW 90 949	300 mA	63 A	A[IR]	400 V	7	1/2

CHARACTERISTICS: residual current circuit breakers with periodical checks of the functions, without disconnecting the system from the power supply. Earth leakage protection always guaranteed, even during the test cycle. Integrated auxiliary contact.

NOTE: 4P Autotest without self reclosing versions created for special applications in the commercial or industrial sectors.

ReSTART RD PRO 4P - VERSIONS COUPLED WITH RCCB's - SD - 4 POLES

GW94937P



RESIDUAL CURRENT CIRCUIT BREAKERS SD 4 POLES WITH SELF RECLOSING DEVICE AND PREVENTIVE CONTROL OF THE INSULATION - PRO VERSION

Code	I _{dn}	Rated current	Type	Rated voltage	No. modules	Pack. Carton.
No. OF POLES: 4P						
GW 94 662 P	30 mA	25 A	AC	400 V	6	1/2
GW 94 667 P	30 mA	40 A	AC	400 V	6	1/2
GW 94 757 P	30 mA	63 A	AC	400 V	7	1/2
GW 94 867 P	30 mA	25 A	A	400 V	6	1/2
GW 94 897 P	30 mA	40 A	A	400 V	6	1/2
GW 94 937 P	30 mA	63 A	A	400 V	7	1/2

CHARACTERISTICS: integrated auxiliary contact.

NOTES: ReStart Rd PRO 4P guarantees the maximum safety and continuity of service, thanks to a lower insulation control threshold and the continuous monitoring of the system over time.

The self reclosing device must be powered at 230V AC phase-neutral.

ReSTART Rd PRO 4P - SELF RECLOSING DEVICES FOR SD RCCB's

GW90966



SELF RECLOSING DEVICES WITH PREVENTIVE CONTROL OF THE INSULATION - PRO VERSION

Code	Suitable for	Rated voltage	No. modules	Pack. Carton.
GW 90 966	SD - 2/4 Poles - 30/100mA	230 V	3	1/4
GW 90 968	SD - 2/4 Poles - 300/500mA	230 V	3	1/4

CHARACTERISTICS: self reclosing device with preventive control of insulation, continuous control and integrated auxiliary contact.

NOTES: the self reclosing device must be powered at 230V AC phase-neutral.

ReSTART Rm PRO 4P - VERSIONS COUPLED WITH RCBO's - MDC 45 - 4 POLES

GW94067P



RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION MDC 45 4 POLES WITH SELF RECLOSING DEVICE, PREVENTIVE CONTROL OF THE INSULATION AND OF SHORT-CIRCUIT PRESENCE - 4500 A (EN 61009-1) 4.5 KA (EN 60947-2) - PRO VERSION

Code	I _{dn}	Rated current	Type	Curve	Rated voltage	No. modules	Pack. Carton.
No. OF POLES: 4P							
GW 94 067 P	30 mA	16 A	AC	C	400 V	7	1/2
GW 94 069 P	30 mA	25 A	AC	C	400 V	7	1/2
GW 94 070 P	30 mA	32 A	AC	C	400 V	7	1/2
GW 94 267 P	30 mA	16 A	A	C	400 V	7	1/2
GW 94 269 P	30 mA	25 A	A	C	400 V	7	1/2
GW 94 270 P	30 mA	32 A	A	C	400 V	7	1/2

CHARACTERISTICS: integrated auxiliary contact.

NOTES: ReStart Rm PRO 4P guarantees the maximum safety and continuity of service, thanks to a lower insulation control threshold and the continuous monitoring of the system over time.

The self reclosing device must be powered at 230V AC phase-neutral.

ReSTART Rm PRO 4P - VERSIONS COUPLED WITH RCBO's - MDC 60 - 4 POLES

GW94167P



RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION MDC 60 4 POLES WITH SELF RECLOSING DEVICE, PREVENTIVE CONTROL OF THE INSULATION AND OF SHORT-CIRCUIT PRESENCE - 6000 A (EN 61009-1) 6 KA (EN 60947-2) - PRO VERSION

Code	I _{dn}	Rated current	Type	Curve	Rated voltage	No. modules	Pack. Carton.
No. OF POLES: 4P							
GW 94 167 P	30 mA	16 A	AC	C	400 V	7	1/2
GW 94 169 P	30 mA	25 A	AC	C	400 V	7	1/2
GW 94 170 P	30 mA	32 A	AC	C	400 V	7	1/2
GW 94 367 P	30 mA	16 A	A	C	400 V	7	1/2
GW 94 369 P	30 mA	25 A	A	C	400 V	7	1/2
GW 94 370 P	30 mA	32 A	A	C	400 V	7	1/2

CHARACTERISTICS: integrated auxiliary contact.

NOTES: ReStart Rm PRO 4P guarantees the maximum safety and continuity of service, thanks to a lower insulation control threshold and the continuous monitoring of the system over time.

The self reclosing device must be powered at 230V AC phase-neutral.

ReSTART Rm PRO 4P - SELF RECLOSING DEVICE FOR RCBO's - MDC

GW90986



SELF RECLOSING DEVICES WITH PREVENTIVE CONTROL OF THE INSULATION AND OF SHORT-CIRCUITING - PRO VERSION

Code	Suitable for	Rated voltage	No. modules	Pack. Carton.
GW 90 986	MDC - 1P+N/2P/4P - 30mA	230 V	3	1/4
GW 90 988	MDC - 1P+N/2P/4P - 300mA	230 V	3	1/4

CHARACTERISTICS: self reclosing device with preventive control of insulation and short-circuits, continuous control and integrated auxiliary contact.

NOTES: the ReStart Rm PRO 4P self reclosing devices are also compatible with the MDC 1P+N and 2P.

The self reclosing device must be powered at 230V AC phase-neutral.

ReSTART Rm TOP 4P - SELF RECLOSING DEVICE FOR MCB's, RCBO's AND MCB+ADD-ON RCD's

GW90893



ADJUSTABLE SELF RECLOSING DEVICE FOR MINIATURE CIRCUIT BREAKERS MTC, MT AND RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION MDC, MT+BD WITH PREVENTIVE CHECK OF INSULATION AND/OR SHORT-CIRCUITING

Code	Suitable for	Rated voltage	No. modules	Pack. Carton.
GW 90 893	MTC, MT, MDC, MT+BD	230 V	4	1/4

CHARACTERISTICS: the Rm TOP 4P ReStart allows you to:

- establish the reclosing mode (self reclosing with system check, self reclosing by attempts, remote reclosing and excluded reclosing)
- adapt the insulation threshold on the basis of the associated one-way switch
- regulate the reclosing delay time

The device is equipped with 2 built-in auxiliary contacts of position and/or tripped relay.

NOTE: the self reclosing device must be powered at 230V AC phase-neutral.

ReSTART CM - REMOTE OPERATING DEVICE FOR MCB's, RCBO's AND MCB+ADD-ON RCD's

GW90896



REMOTE OPERATING DEVICE FOR MCB's, RCBO's AND MCB+ADD-ON RCD's

Code	Suitable for	Rated voltage	No. modules	Pack. Carton.
GW 90 896	MTC, MT, MDC, MT+BD	230 V	2	1/4

NOTES: the reclosing device must be powered at 230V AC phase-neutral.

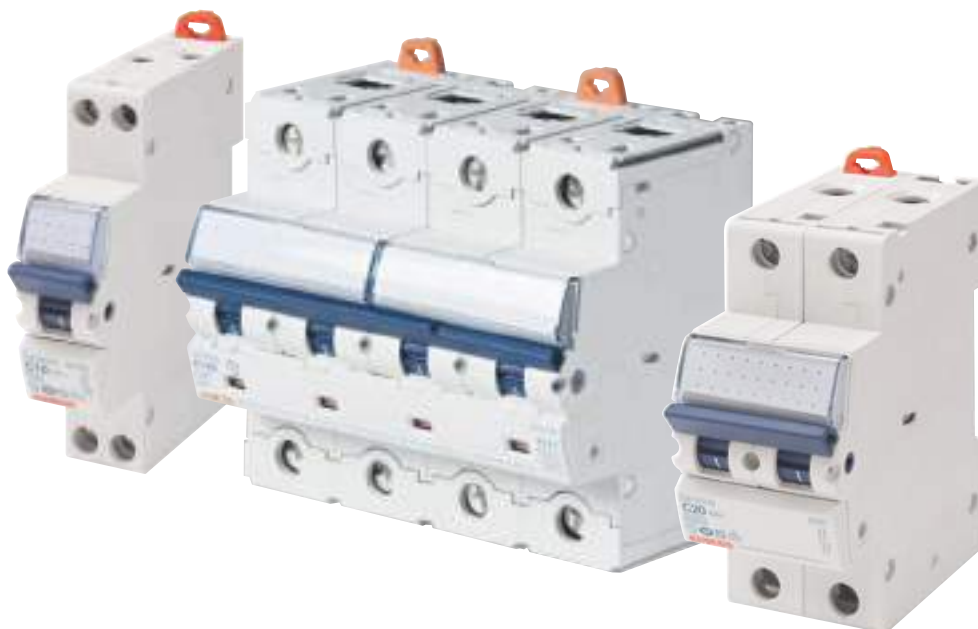
90 MCB range

Modular devices for circuit protection

The 90 MCB range allows to meet any requirement for protection against overload and short-circuit, for all domestic, commercial and industrial applications.

The range is made up of three types of products:












- **MTC.** Compact miniature circuit breakers, from 2 to 32A in B and C characteristic and breaking capacity up to 10kA.
- **MT.** Traditional miniature circuit breakers, from 1 to 63A in B, C and D characteristic and breaking capacity up to 25kA.
- **MTHP.** High-performance miniature circuit breakers, from 20 to 125A in C and D characteristic and breaking capacity up to 25kA.



90 MCB RANGE

MODULAR DEVICES FOR CIRCUIT PROTECTION

90 MCB RANGE

			MINIATURE CIRCUIT BREAKERS (EN 60898)											
			MTC					MT						
														
			1P	1P+N	1P+N*	2P	3P	4P	1P	1P+N	2P	3P	4P	
lcn [A]	Characteristic	In [A]	1 mod.	1 mod.	1 mod.	1 mod.	2 mod.	2 mod.	1 mod.	2 mod.	2 mod.	3 mod.	4 mod.	
			MTC45					MT 45						
4500	C	2		GW 90 022	GW 90 602									
		6	GW 90 005	GW 90 025	GW 90 605	GW 90 045	GW 90 065	GW 90 085	GW 92 105	GW 92 125	GW 92 145	GW 92 165	GW 92 185	
		10	GW 90 006	GW 90 026	GW 90 606	GW 90 046	GW 90 066	GW 90 086	GW 92 106	GW 92 126	GW 92 146	GW 92 166	GW 92 186	
		13	GW 90 011	GW 90 031		GW 90 051	GW 90 071	GW 90 091	GW 92 107	GW 92 127	GW 92 147	GW 92 167	GW 92 187	
		16	GW 90 007	GW 90 027	GW 90 607	GW 90 047	GW 90 067	GW 90 087	GW 92 108	GW 92 128	GW 92 148	GW 92 168	GW 92 188	
		20	GW 90 008	GW 90 028	GW 90 608	GW 90 048	GW 90 068	GW 90 088	GW 92 109	GW 92 129	GW 92 149	GW 92 169	GW 92 189	
		25	GW 90 009	GW 90 029	GW 90 609	GW 90 049	GW 90 069	GW 90 089	GW 92 110	GW 92 130	GW 92 150	GW 92 170	GW 92 190	
		32	GW 90 010	GW 90 030	GW 90 610	GW 90 050	GW 90 070	GW 90 090	GW 92 111	GW 92 131	GW 92 151	GW 92 171	GW 92 191	
	40							GW 92 112	GW 92 132	GW 92 152	GW 92 172	GW 92 192		
	B	6							GW 92 305	GW 92 325	GW 92 345	GW 92 365	GW 92 385	
		10							GW 92 306	GW 92 326	GW 92 346	GW 92 366	GW 92 386	
		13							GW 92 307	GW 92 327	GW 92 347	GW 92 367	GW 92 387	
		16							GW 92 308	GW 92 328	GW 92 348	GW 92 368	GW 92 388	
		20							GW 92 309	GW 92 329	GW 92 349	GW 92 369	GW 92 389	
		25							GW 92 310	GW 92 330	GW 92 350	GW 92 370	GW 92 390	
		32							GW 92 311	GW 92 331	GW 92 351	GW 92 371	GW 92 391	
		40							GW 92 312	GW 92 332	GW 92 352	GW 92 372	GW 92 392	
				MTC60					MT 60					
6000	C	1							GW 92 001	GW 92 021	GW 92 041	GW 92 061	GW 92 081	
		2							GW 92 002	GW 92 022	GW 92 042	GW 92 062	GW 92 082	
		3							GW 92 003	GW 92 023	GW 92 043	GW 92 063	GW 92 083	
		4							GW 92 004	GW 92 024	GW 92 044	GW 92 064	GW 92 084	
		6		GW 90 225		GW 90 245	GW 90 265	GW 90 285	GW 92 005	GW 92 025	GW 92 045	GW 92 065	GW 92 085	
		10		GW 90 226		GW 90 246	GW 90 266	GW 90 286	GW 92 006	GW 92 026	GW 92 046	GW 92 066	GW 92 086	
		13		GW 90 231		GW 90 251	GW 90 271	GW 90 291	GW 92 014	GW 92 034	GW 92 054	GW 92 074	GW 92 094	
		16		GW 90 227		GW 90 247	GW 90 267	GW 90 287	GW 92 007	GW 92 027	GW 92 047	GW 92 067	GW 92 087	
		20		GW 90 228		GW 90 248	GW 90 268	GW 90 288	GW 92 008	GW 92 028	GW 92 048	GW 92 068	GW 92 088	
		25		GW 90 229		GW 90 249	GW 90 269	GW 90 289	GW 92 009	GW 92 029	GW 92 049	GW 92 069	GW 92 089	
		32		GW 90 230		GW 90 250	GW 90 270	GW 90 290	GW 92 010	GW 92 030	GW 92 050	GW 92 070	GW 92 090	
		40							GW 92 011	GW 92 031	GW 92 051	GW 92 071	GW 92 091	
	50							GW 92 012	GW 92 032	GW 92 052	GW 92 072	GW 92 092		
	63							GW 92 013	GW 92 033	GW 92 053	GW 92 073	GW 92 093		
	B	6		GW 90 325					GW 92 205		GW 92 245	GW 92 265	GW 92 285	
		10		GW 90 326					GW 92 206		GW 92 246	GW 92 266	GW 92 286	
		13		GW 90 327					GW 92 214		GW 92 254	GW 92 274	GW 92 294	
		16		GW 90 328					GW 92 207		GW 92 247	GW 92 267	GW 92 287	
		20		GW 90 329					GW 92 208		GW 92 248	GW 92 268	GW 92 288	
		25		GW 90 330					GW 92 209		GW 92 249	GW 92 269	GW 92 289	
		32		GW 90 331					GW 92 210		GW 92 250	GW 92 270	GW 92 290	
		40							GW 92 211		GW 92 251	GW 92 271	GW 92 291	
		50							GW 92 212		GW 92 252	GW 92 272	GW 92 292	
		63							GW 92 213		GW 92 253	GW 92 273	GW 92 293	
		D	6							GW 92 405		GW 92 445	GW 92 465	GW 92 485
			10							GW 92 406		GW 92 446	GW 92 466	GW 92 486
	13								GW 92 414		GW 92 454	GW 92 474	GW 92 494	
	16								GW 92 407		GW 92 447	GW 92 467	GW 92 487	
	20								GW 92 408		GW 92 448	GW 92 468	GW 92 488	
	25								GW 92 409		GW 92 449	GW 92 469	GW 92 489	
32								GW 92 410		GW 92 450	GW 92 470	GW 92 490		
40								GW 92 411		GW 92 451	GW 92 471	GW 92 491		

* Miniature circuit breaker with neutral on the left.

			MINIATURE CIRCUIT BREAKERS (EN 60898)										
			MTC		MT				MTHP				
Icn [A]	Characteristic	In [A]											
			1P+N	2P	1P	2P	3P	4P	1P	2P	3P	4P	
			1 mod.	1 mod.	1 mod.	2 mod.	3 mod.	4 mod.	1.5 mod.	3 mod.	4.5 mod.	6 mod.	
			MTC100		MT 100								
10000	C	6	GW 90 425	GW 90 445	GW 92 605	GW 92 645	GW 92 665	GW 92 685					
		10	GW 90 426	GW 90 446	GW 92 606	GW 92 646	GW 92 666	GW 92 686					
		13	GW 90 431	GW 90 451	GW 92 614	GW 92 654	GW 92 674	GW 92 694					
		16	GW 90 427	GW 90 447	GW 92 607	GW 92 647	GW 92 667	GW 92 687					
		20	GW 90 428	GW 90 448	GW 92 608	GW 92 648	GW 92 668	GW 92 688					
		25	GW 90 429	GW 90 449	GW 92 609	GW 92 649	GW 92 669	GW 92 689					
		32	GW 90 430	GW 90 450	GW 92 610	GW 92 650	GW 92 670	GW 92 690					
		40			GW 92 611	GW 92 651	GW 92 671	GW 92 691					
		50			GW 92 612	GW 92 652	GW 92 672	GW 92 692					
	63			GW 92 613	GW 92 653	GW 92 673	GW 92 693						
	B	6				GW 92 505	GW 92 545	GW 92 565	GW 92 585				
		10				GW 92 506	GW 92 546	GW 92 566	GW 92 586				
		13				GW 92 507	GW 92 547	GW 92 567	GW 92 587				
		16				GW 92 508	GW 92 548	GW 92 568	GW 92 588				
		20				GW 92 509	GW 92 549	GW 92 569	GW 92 589				
		25				GW 92 510	GW 92 550	GW 92 570	GW 92 590				
		32				GW 92 511	GW 92 551	GW 92 571	GW 92 591				
		40				GW 92 512	GW 92 552	GW 92 572	GW 92 592				
		50				GW 92 513	GW 92 553	GW 92 573	GW 92 593				
	63				GW 92 514	GW 92 554	GW 92 574	GW 92 594					
	D	1				GW 92 701	GW 92 741	GW 92 761	GW 92 781				
		2				GW 92 702	GW 92 742	GW 92 762	GW 92 782				
		3				GW 92 703	GW 92 743	GW 92 763	GW 92 783				
		4				GW 92 704	GW 92 744	GW 92 764	GW 92 784				
		6				GW 92 705	GW 92 745	GW 92 765	GW 92 785				
		10				GW 92 706	GW 92 746	GW 92 766	GW 92 786				
		13				GW 92 714	GW 92 754	GW 92 774	GW 92 794				
		16				GW 92 707	GW 92 747	GW 92 767	GW 92 787				
		20				GW 92 708	GW 92 748	GW 92 768	GW 92 788				
		25				GW 92 709	GW 92 749	GW 92 769	GW 92 789				
		32				GW 92 710	GW 92 750	GW 92 770	GW 92 790				
		40				GW 92 711	GW 92 751	GW 92 771	GW 92 791				
	10000 (16kA 947-2)	C	80							GW 93 307	GW 93 327	GW 93 337	GW 93 347
			100							GW 93 308	GW 93 328	GW 93 338	GW 93 348
			125							GW 93 309	GW 93 329	GW 93 339	GW 93 349
		D	63								GW 93 356	GW 93 376	GW 93 386
80										GW 93 357	GW 93 377	GW 93 387	GW 93 397
100										GW 93 358	GW 93 378	GW 93 388	GW 93 398
12500	C	50			GW 92 812	GW 92 852	GW 92 872	GW 92 892					
		63			GW 92 813	GW 92 853	GW 92 873	GW 92 893					
15000	C	32			GW 92 810	GW 92 850	GW 92 870	GW 92 890					
		40			GW 92 811	GW 92 851	GW 92 871	GW 92 891					
20000	C	25			GW 92 809	GW 92 849	GW 92 869	GW 92 889					
25000	C	6			GW 92 805	GW 92 845	GW 92 865	GW 92 885					
		10			GW 92 806	GW 92 846	GW 92 866	GW 92 886					
		16			GW 92 807	GW 92 847	GW 92 867	GW 92 887					
		20			GW 92 808	GW 92 848	GW 92 868	GW 92 888	GW 93 201	GW 93 221	GW 93 231	GW 93 241	
		25							GW 93 202	GW 93 222	GW 93 232	GW 93 242	
		32							GW 93 203	GW 93 223	GW 93 233	GW 93 243	
		40							GW 93 204	GW 93 224	GW 93 234	GW 93 244	
		50							GW 93 205	GW 93 225	GW 93 235	GW 93 245	
63							GW 93 206	GW 93 226	GW 93 236	GW 93 246			
							MTHP 160						
							MTHP 250						






90 MCB RANGE

90 MCB RANGE

MODULAR DEVICES FOR CIRCUIT PROTECTION

TECHNICAL DATA

90 MCB RANGE

TYPE	MTC						MT																
	MTC 45		MTC 60		MTC 100		MT 45		MT 60														
																							
Rated current (In)	(A) 2-32		6-32		6-32		6-40		1-63														
Utilization category:	A		A		A		A		A														
Rated operational voltage (Ue)	(V) 230/400		230/400		230		230/400		230/400														
Minimum operating voltage (Ue min)	(V) 12 AC/DC		12 AC/DC		12 AC/DC		12 AC/DC		12 AC/DC														
Maximum operating voltage (Ue max)	(V) 440 AC/ 220 DC		440 AC/ 220 DC		253 AC/ 110 DC		440 AC/ 220 DC		440 AC/ 220 DC														
Insulation voltage (Ui)	(V) 500		500		500		500		500														
Rated frequency	(Hz) 50/60		50/60		50/60		50/60		50/60														
Rated impulse withstand voltage (Uimp)	(kV) 4		4		4		4		4														
Number of poles	1	1+N	2,3,4	1+N, 2	3, 4	1+N,2	1, 1+N	2,3,4	1, 1+N	2,3,4													
BREAKING CAPACITY																							
AC - Alternating current IEC 60898 - EN 60898 (A)																							
	lcn		4500		6000		10000 ⁽¹⁾		4500		6000												
	lcs		1 lcn		1 lcn		0.75 lcn		1 lcn		1 lcn												
AC - Alternating current IEC 60947-2 - EN 60947-2 (kA) Ue (V)																							
	lcu		230/240		4.5		6		6		7.5	10		10		4.5		6		10		20	
	lcs		400/415		4.5		4.5		6 (2P)		6		4.5		6		10 (2P)		10				
	lcs		100% lcu		75% lcu		75% lcu		100% lcu		75% lcu												
DC - Direct current IEC 60947-2 - EN 60947-2 (kA) Ue (V)																							
	lcu (1 pole)		50		6		10		6		10												
	lcs		110		6		10		10 (15 to 50V)		6		10										
	lcs		220		6		10		10 (15 to 50V)		6		6										
	lcs		50		4.5		6		4.5		10												
	lcs		110		4.5		6		4.5		10												
Wiring	cable section (mm ²)		rigid		≤ 16		≤ 16		≤ 16		≤ 35		≤ 35										
			flexible		≤ 10		≤ 10		≤ 10		≤ 35		≤ 35										
Electrical endurance (number of O-C cycles):			10000		10000		10000		10000		10000												
Max. No. of usable modular accessories:			3		3		3		3		3												
Upline/downline power supply			yes		yes		yes		yes		yes												
Isolating displayed			yes		yes		yes		yes		yes												
Type of add-on RCD			-		-		-		Add-on RCD BD		Add-on RCD BD												
Rated tightening torque	(Nm)		1.2		1.2		1.2		2		2												
Degree of protection for	terminals (with terminal covers)		IP 40		IP 40		IP 40		IP 40		IP 40												
	other parts		IP 40		IP 40		IP 40		IP 40		IP 40												
Tropicalisation			55°C - RH 95%		55°C - RH 95%		55°C - RH 95%		55°C - RH 95%		55°C - RH 95%												
Operating temperature	(°C)		-25 +60		-25 +60		-25 +60		-25 +60		-25 +60												
Reference temperature	(°C)		30		30		30		30		30												
Characteristic			C		C B		C		C B		C B D												
Available rated currents (In):	(A)		1		2		3		4		6		6		6								
			2		3		4		6		6		6		6								
			3		4		6		6		6		6		6								
			4		6		6		6		6		6		6								
			6		6		6		6		6		6		6								
			10		10		10		10		10		10		10								
			13		13		13		13		13		13		13								
			16		16		16		16		16		16		16								
			20		20		20		20		20		20		20								
			25		25		25		25		25		25		25								
			32		32		32		32		32		32		32								
			40		40		40		40		40		40		40								
			50		50		50		50		50		50		50								
			63		63		63		63		63		63		63								

⁽¹⁾ Breaking capacity of single pole lcn=6000A

MT												MTHP											
MT 100						MT 250						MTHP 160						MTHP 250					
1-25			32-63			6-20			25			32-40			50-63			63-125			20-63		
A			A			A			A			A			A			A			A		
230/400			230/400			230/400			230/400			230/400			230/400			230/400			230/400		
12 AC/DC			12 AC/DC			12 AC/DC			12 AC/DC			12 AC/DC			12 AC/DC			12 AC/DC			12 AC/DC		
440 AC/ 220 DC			440 AC/ 220 DC			440 AC/ 220 DC			440 AC/ 220 DC			440 AC/ 220 DC			440 AC/ 220 DC			440 AC/ 220 DC			440 AC/ 220 DC		
500			500			500			500			500			500			500			500		
50 / 60			50 / 60			50 / 60			50 / 60			50 / 60			50 / 60			50 / 60			50 / 60		
4			4			4			4			4			4			6			6		
1	2	3,4	1	2	3,4	1	2	3,4	1	2	3,4	1	2	3,4	1	2	3,4	1	2,3,4	1	2	3,4	
10000			10000			25000			20000			15000			12500			10000			25000		
0.75 lcn			0.75 lcn			0.75 lcn			0.75 lcn			0.75 lcn			0.75 lcn			0.75 lcn			0.75 lcn		
15	30	25	12.5	25	20	25	50	40	20	40	30	15	30	25	15	25	20	16	20	25	50	30	
15	20	15	12.5	15	12.5	25	30	25	20	25	20	15	20	15	15	15	15	16	16	25	25	25	
75% lcu			75% lcu			75% lcu			75% lcu			75% lcu			75% lcu			50% lcu			75% lcu		
10			10			20			20			20			20			10			25		
10			10			15			15			15			15			10			20		
15			15			25			25			25			25			15			30		
15			15			20			20			20			20			12			25		
15			15			25			25			25			25			15			25		
12			12			20			20			20			20			12			20		
≤ 35			≤ 35			≤ 35			≤ 35			≤ 35			≤ 35			≤ 50			≤ 50		
≤ 35			≤ 35			≤ 35			≤ 35			≤ 35			≤ 35			cable terminals			cable terminals		
10000			10000			10000			10000			10000			10000			10000			10000		
3			3			3			3			3			3			3			3		
yes			yes			yes			yes			yes			yes			yes			yes		
yes			yes			yes			yes			yes			yes			yes			yes		
Add-on RCD BD			Add-on RCD BD			Add-on RCD BD			Add-on RCD BD			Add-on RCD BD			Add-on RCD BD			Add-on RCD BDHP			Add-on RCD BDHP		
2			2			2			2			2			2			3.5 / 3 (cable terminal)			3.5 / 3 (cable terminal)		
IP 40			IP 40			IP 40			IP 40			IP 40			IP 40			IP 40			IP 40		
IP 40			IP 40			IP 40			IP 40			IP 40			IP 40			IP 40			IP 40		
55°C - RH 95%			55°C - RH 95%			55°C - RH 95%			55°C - RH 95%			55°C - RH 95%			55°C - RH 95%			55°C - RH 95%			55°C - RH 95%		
-25 +60			-25 +60			-25 +60			-25 +60			-25 +60			-25 +60			-25 +60			-25 +60		
30			30			30			30			30			30			30			30		
C			B			D			C			C			C			D			C		
			1																				
			2																				
			3																				
			4																				
6			6			6			6			6			6			6			6		
10			10			10			10			10			10			10			10		
13			13			13			13			13			13			13			13		
16			16			16			16			16			16			16			16		
20			20			20			20			20			20			20			20		
25			25			25			25			25			25			25			25		
32			32			32			32			32			32			32			32		
40			40			40			40			40			40			40			40		
50			50			50			50			50			50			50			50		
63			63			63			63			63			63			63			63		
																		80			80		
																		100			100		
																		125			125		

90 MCB RANGE

MODULAR DEVICES FOR CIRCUIT PROTECTION

MTC - COMPACT MINIATURE CIRCUIT BREAKERS

MTC 45 - C CHARACTERISTIC - 4500 A (EN 60898) - 4.5 kA (EN 60947-2)

BREAKING CAPACITY 1P

230V 400V	EN60898 Icn	EN60947-2 Icu
In=6÷32 A	4500 A	4,5 kA

BREAKING CAPACITY 1P+N-2-3-4P

230V	EN60898 Icn	EN60947-2 Icu
In=2÷32 A	4500 A	6 kA

BREAKING CAPACITY 2-3-4P

400V	EN60898 Icn	EN60947-2 Icu
In=6÷32 A	4500 A	4,5 kA

90 MCB RANGE

GW90046



COMPACT MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 90 005	6 A	230 - 400 V	1	6/24
GW 90 006	10 A	230 - 400 V	1	6/24
GW 90 011	13 A	230 - 400 V	1	6/24
GW 90 007	16 A	230 - 400 V	1	6/24
GW 90 008	20 A	230 - 400 V	1	6/24
GW 90 009	25 A	230 - 400 V	1	6/24
GW 90 010	32 A	230 - 400 V	1	6/24
No. of poles: 1P+N				
GW 90 022	2 A	230 V	1	6/24
GW 90 025	6 A	230 V	1	6/24
GW 90 026	10 A	230 V	1	6/24
GW 90 031	13 A	230 V	1	6/24
GW 90 027	16 A	230 V	1	6/24
GW 90 028	20 A	230 V	1	6/24
GW 90 029	25 A	230 V	1	6/24
GW 90 030	32 A	230 V	1	6/24
No. of poles: 1P+N (N-conductor left)				
GW 90 602	2 A	230 V	1	6/24
GW 90 605	6 A	230 V	1	6/24
GW 90 606	10 A	230 V	1	6/24
GW 90 607	16 A	230 V	1	6/24
GW 90 608	20 A	230 V	1	6/24
GW 90 609	25 A	230 V	1	6/24
GW 90 610	32 A	230 V	1	6/24
No. of poles: 2P				
GW 90 045	6 A	230 - 400 V	1	6/24
GW 90 046	10 A	230 - 400 V	1	6/24
GW 90 051	13 A	230 - 400 V	1	6/24
GW 90 047	16 A	230 - 400 V	1	6/24
GW 90 048	20 A	230 - 400 V	1	6/24
GW 90 049	25 A	230 - 400 V	1	6/24
GW 90 050	32 A	230 - 400 V	1	6/24
No. of poles: 3P				
GW 90 065	6 A	230 - 400 V	2	3/12
GW 90 066	10 A	230 - 400 V	2	3/12
GW 90 071	13 A	230 - 400 V	2	3/12
GW 90 067	16 A	230 - 400 V	2	3/12
GW 90 068	20 A	230 - 400 V	2	3/12
GW 90 069	25 A	230 - 400 V	2	3/12
GW 90 070	32 A	230 - 400 V	2	3/12
No. of poles: 4P				
GW 90 085	6 A	230 - 400 V	2	3/12
GW 90 086	10 A	230 - 400 V	2	3/12
GW 90 091	13 A	230 - 400 V	2	3/12
GW 90 087	16 A	230 - 400 V	2	3/12
GW 90 088	20 A	230 - 400 V	2	3/12
GW 90 089	25 A	230 - 400 V	2	3/12
GW 90 090	32 A	230 - 400 V	2	3/12

①=May 2010

②=June 2010

③=September 2010

MTC 60 - C CHARACTERISTIC - 6000 A (EN 60898) - 6 kA (EN 60947-2)

BREAKING CAPACITY 1P+N-2P

230V	EN60898 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	7,5 kA

BREAKING CAPACITY 3-4P

230V	EN60898 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	10 kA

BREAKING CAPACITY 2-3-4P

400V	EN60898 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	6 kA

GW90290



COMPACT MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of POLES: 1P+N				
GW 90 225	6 A	230 V	1	6/24
GW 90 226	10 A	230 V	1	6/24
GW 90 231	13 A	230 V	1	6/24
GW 90 227	16 A	230 V	1	6/24
GW 90 228	20 A	230 V	1	6/24
GW 90 229	25 A	230 V	1	6/24
GW 90 230	32 A	230 V	1	6/24
No. of POLES: 2P				
GW 90 245	6 A	230 - 400 V	1	6/24
GW 90 246	10 A	230 - 400 V	1	6/24
GW 90 251	13 A	230 - 400 V	1	6/24
GW 90 247	16 A	230 - 400 V	1	6/24
GW 90 248	20 A	230 - 400 V	1	6/24
GW 90 249	25 A	230 - 400 V	1	6/24
GW 90 250	32 A	230 - 400 V	1	6/24
No. of POLES: 3P				
GW 90 265	6 A	230 - 400 V	2	3/12
GW 90 266	10 A	230 - 400 V	2	3/12
GW 90 271	13 A	230 - 400 V	2	3/12
GW 90 267	16 A	230 - 400 V	2	3/12
GW 90 268	20 A	230 - 400 V	2	3/12
GW 90 269	25 A	230 - 400 V	2	3/12
GW 90 270	32 A	230 - 400 V	2	3/12
No. of POLES: 4P				
GW 90 285	6 A	230 - 400 V	2	3/12
GW 90 286	10 A	230 - 400 V	2	3/12
GW 90 291	13 A	230 - 400 V	2	3/12
GW 90 287	16 A	230 - 400 V	2	3/12
GW 90 288	20 A	230 - 400 V	2	3/12
GW 90 289	25 A	230 - 400 V	2	3/12
GW 90 290	32 A	230 - 400 V	2	3/12

90 MCB RANGE

90 MCB RANGE

MODULAR DEVICES FOR CIRCUIT PROTECTION

MTC 60 - B CHARACTERISTIC - 6000 A (EN 60898) - 6 kA (EN 60947-2)

BREAKING CAPACITY 1P+N

230V	EN60898 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	7,5 kA

GW90326



COMPACT MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P+N				
GW 90 325	6 A	230 V	1	6/24
GW 90 326	10 A	230 V	1	6/24
GW 90 327	13 A	230 V	1	6/24
GW 90 328	16 A	230 V	1	6/24
GW 90 329	20 A	230 V	1	6/24
GW 90 330	25 A	230 V	1	6/24
GW 90 331	32 A	230 V	1	6/24

MTC 100 - C CHARACTERISTIC - 10000 A (EN 60898) - 10 kA (EN 60947-2)

BREAKING CAPACITY 1P+N-2P

230V	EN60898 Icn	EN60947-2 Icu
In=6÷32 A	10000 A	10 kA

GW90446



COMPACT MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P+N				
GW 90 425	6 A	230 V	1	6/24
GW 90 426	10 A	230 V	1	6/24
GW 90 431	13 A	230 V	1	6/24
GW 90 427	16 A	230 V	1	6/24
GW 90 428	20 A	230 V	1	6/24
GW 90 429	25 A	230 V	1	6/24
GW 90 430	32 A	230 V	1	6/24
No. of poles: 2P				
GW 90 445	6 A	230 V	1	6/24
GW 90 446	10 A	230 V	1	6/24
GW 90 451	13 A	230 V	1	6/24
GW 90 447	16 A	230 V	1	6/24
GW 90 448	20 A	230 V	1	6/24
GW 90 449	25 A	230 V	1	6/24
GW 90 450	32 A	230 V	1	6/24

①=May 2010

②=June 2010

③=September 2010

MT - MINIATURE CIRCUIT BREAKERS

MT 45 - C CHARACTERISTIC - 4500 A (EN 60898) - 6 kA (EN 60947-2)

BREAKING CAPACITY 1-2-3-4 P		
230V 400V	EN60898 Icn	EN60947-2 Icu
In=6÷40 A	4500 A	6 kA

BREAKING CAPACITY 1P+N		
230V	EN60898 Icn	EN60947-2 Icu
In=6÷40 A	4500 A	6 kA

GW92149



MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of POLES: 1P				
GW 92 105	6 A	230 - 400 V	1	6/24
GW 92 106	10 A	230 - 400 V	1	6/24
GW 92 107	13 A	230 - 400 V	1	6/24
GW 92 108	16 A	230 - 400 V	1	6/24
GW 92 109	20 A	230 - 400 V	1	6/24
GW 92 110	25 A	230 - 400 V	1	6/24
GW 92 111	32 A	230 - 400 V	1	6/24
GW 92 112	40 A	230 - 400 V	1	6/24
No. of POLES: 1P+N				
GW 92 125	6 A	230 V	2	3/12
GW 92 126	10 A	230 V	2	3/12
GW 92 127	13 A	230 V	2	3/12
GW 92 128	16 A	230 V	2	3/12
GW 92 129	20 A	230 V	2	3/12
GW 92 130	25 A	230 V	2	3/12
GW 92 131	32 A	230 V	2	3/12
GW 92 132	40 A	230 V	2	3/12
No. of POLES: 2P				
GW 92 145	6 A	230 - 400 V	2	3/12
GW 92 146	10 A	230 - 400 V	2	3/12
GW 92 147	13 A	230 - 400 V	2	3/12
GW 92 148	16 A	230 - 400 V	2	3/12
GW 92 149	20 A	230 - 400 V	2	3/12
GW 92 150	25 A	230 - 400 V	2	3/12
GW 92 151	32 A	230 - 400 V	2	3/12
GW 92 152	40 A	230 - 400 V	2	3/12
No. of POLES: 3P				
GW 92 165	6 A	230 - 400 V	3	2/8
GW 92 166	10 A	230 - 400 V	3	2/8
GW 92 167	13 A	230 - 400 V	3	2/8
GW 92 168	16 A	230 - 400 V	3	2/8
GW 92 169	20 A	230 - 400 V	3	2/8
GW 92 170	25 A	230 - 400 V	3	2/8
GW 92 171	32 A	230 - 400 V	3	2/8
GW 92 172	40 A	230 - 400 V	3	2/8
No. of POLES: 4P				
GW 92 185	6 A	230 - 400 V	4	1/2
GW 92 186	10 A	230 - 400 V	4	1/2
GW 92 187	13 A	230 - 400 V	4	1/2
GW 92 188	16 A	230 - 400 V	4	1/2
GW 92 189	20 A	230 - 400 V	4	1/2
GW 92 190	25 A	230 - 400 V	4	1/2
GW 92 191	32 A	230 - 400 V	4	1/2
GW 92 192	40 A	230 - 400 V	4	1/2

90 MCB RANGE

90 MCB RANGE

MODULAR DEVICES FOR CIRCUIT PROTECTION

MT 45 - B CHARACTERISTIC - 4500 A (EN 60898) - 6 kA (EN 60947-2)

BREAKING CAPACITY			1-2-3-4P		
230V	EN60898	EN60947-2	230V	EN60898	EN60947-2
400V	Icn	Icu	400V	Icn	Icu
In=6:40 A	4500 A	6 kA			

BREAKING CAPACITY 1P+N			1-2-3-4P		
230V	EN60898	EN60947-2	230V	EN60898	EN60947-2
400V	Icn	Icu	400V	Icn	Icu
In=6:40 A	4500 A	6 kA			

90 MCB RANGE

GW92371



MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of POLES: 1P				
GW 92 305	6 A	230 - 400 V	1	6/24
GW 92 306	10 A	230 - 400 V	1	6/24
GW 92 307	13 A	230 - 400 V	1	6/24
GW 92 308	16 A	230 - 400 V	1	6/24
GW 92 309	20 A	230 - 400 V	1	6/24
GW 92 310	25 A	230 - 400 V	1	6/24
GW 92 311	32 A	230 - 400 V	1	6/24
GW 92 312	40 A	230 - 400 V	1	6/24
No. of POLES: 1P+N				
GW 92 325	6 A	230 V	2	3/12
GW 92 326	10 A	230 V	2	3/12
GW 92 327	13 A	230 V	2	3/12
GW 92 328	16 A	230 V	2	3/12
GW 92 329	20 A	230 V	2	3/12
GW 92 330	25 A	230 V	2	3/12
GW 92 331	32 A	230 V	2	3/12
GW 92 332	40 A	230 V	2	3/12
No. of POLES: 2P				
GW 92 345	6 A	230 - 400 V	2	3/12
GW 92 346	10 A	230 - 400 V	2	3/12
GW 92 347	13 A	230 - 400 V	2	3/12
GW 92 348	16 A	230 - 400 V	2	3/12
GW 92 349	20 A	230 - 400 V	2	3/12
GW 92 350	25 A	230 - 400 V	2	3/12
GW 92 351	32 A	230 - 400 V	2	3/12
GW 92 352	40 A	230 - 400 V	2	3/12
No. of POLES: 3P				
GW 92 365	6 A	230 - 400 V	3	2/8
GW 92 366	10 A	230 - 400 V	3	2/8
GW 92 367	13 A	230 - 400 V	3	2/8
GW 92 368	16 A	230 - 400 V	3	2/8
GW 92 369	20 A	230 - 400 V	3	2/8
GW 92 370	25 A	230 - 400 V	3	2/8
GW 92 371	32 A	230 - 400 V	3	2/8
GW 92 372	40 A	230 - 400 V	3	2/8
No. of POLES: 4P				
GW 92 385	6 A	230 - 400 V	4	1/2
GW 92 386	10 A	230 - 400 V	4	1/2
GW 92 387	13 A	230 - 400 V	4	1/2
GW 92 388	16 A	230 - 400 V	4	1/2
GW 92 389	20 A	230 - 400 V	4	1/2
GW 92 390	25 A	230 - 400 V	4	1/2
GW 92 391	32 A	230 - 400 V	4	1/2
GW 92 392	40 A	230 - 400 V	4	1/2

①=May 2010

②=June 2010

③=September 2010

MT 60 - C CHARACTERISTIC - 6000 A (EN 60898) - 10 kA (EN 60947-2)

BREAKING CAPACITY 1P

230V 400V	EN60898 Icn	EN60947-2 Icu
In=1÷63 A	6000 A	10 kA

BREAKING CAPACITY 1P+N

230V	EN60898 Icn	EN60947-2 Icu
In=1÷63 A	6000 A	10 kA

BREAKING CAPACITY 2-3-4P

230V	EN60898 Icn	EN60947-2 Icu
In=1÷63 A	6000 A	20 kA

BREAKING CAPACITY 2-3-4P

400V	EN60898 Icn	EN60947-2 Icu
In=1÷63 A	6000 A	10 kA

GW92048



MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 92 001	1 A	230 - 400 V	1	6/24
GW 92 002	2 A	230 - 400 V	1	6/24
GW 92 003	3 A	230 - 400 V	1	6/24
GW 92 004	4 A	230 - 400 V	1	6/24
GW 92 005	6 A	230 - 400 V	1	6/24
GW 92 006	10 A	230 - 400 V	1	6/24
GW 92 014	13 A	230 - 400 V	1	6/24
GW 92 007	16 A	230 - 400 V	1	6/24
GW 92 008	20 A	230 - 400 V	1	6/24
GW 92 009	25 A	230 - 400 V	1	6/24
GW 92 010	32 A	230 - 400 V	1	6/24
GW 92 011	40 A	230 - 400 V	1	6/24
GW 92 012	50 A	230 - 400 V	1	6/24
GW 92 013	63 A	230 - 400 V	1	6/24
No. of poles: 1P+N				
GW 92 021	1 A	230 V	2	3/12
GW 92 022	2 A	230 V	2	3/12
GW 92 023	3 A	230 V	2	3/12
GW 92 024	4 A	230 V	2	3/12
GW 92 025	6 A	230 V	2	3/12
GW 92 026	10 A	230 V	2	3/12
GW 92 034	13 A	230 V	2	3/12
GW 92 027	16 A	230 V	2	3/12
GW 92 028	20 A	230 V	2	3/12
GW 92 029	25 A	230 V	2	3/12
GW 92 030	32 A	230 V	2	3/12
GW 92 031	40 A	230 V	2	3/12
GW 92 032	50 A	230 V	2	3/12
GW 92 033	63 A	230 V	2	3/12
No. of poles: 2P				
GW 92 041	1 A	230 - 400 V	2	3/12
GW 92 042	2 A	230 - 400 V	2	3/12
GW 92 043	3 A	230 - 400 V	2	3/12
GW 92 044	4 A	230 - 400 V	2	3/12
GW 92 045	6 A	230 - 400 V	2	3/12
GW 92 046	10 A	230 - 400 V	2	3/12
GW 92 054	13 A	230 - 400 V	2	3/12
GW 92 047	16 A	230 - 400 V	2	3/12
GW 92 048	20 A	230 - 400 V	2	3/12
GW 92 049	25 A	230 - 400 V	2	3/12
GW 92 050	32 A	230 - 400 V	2	3/12
GW 92 051	40 A	230 - 400 V	2	3/12
GW 92 052	50 A	230 - 400 V	2	3/12
GW 92 053	63 A	230 - 400 V	2	3/12

(CONTINUE)				
MINIATURE CIRCUIT BREAKERS				
Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. OF POLES: 3P				
GW 92 061	1 A	230 - 400 V	3	2/8
GW 92 062	2 A	230 - 400 V	3	2/8
GW 92 063	3 A	230 - 400 V	3	2/8
GW 92 064	4 A	230 - 400 V	3	2/8
GW 92 065	6 A	230 - 400 V	3	2/8
GW 92 066	10 A	230 - 400 V	3	2/8
GW 92 074	13 A	230 - 400 V	3	2/8
GW 92 067	16 A	230 - 400 V	3	2/8
GW 92 068	20 A	230 - 400 V	3	2/8
GW 92 069	25 A	230 - 400 V	3	2/8
GW 92 070	32 A	230 - 400 V	3	2/8
GW 92 071	40 A	230 - 400 V	3	2/8
GW 92 072	50 A	230 - 400 V	3	2/8
GW 92 073	63 A	230 - 400 V	3	2/8
No. OF POLES: 4P				
GW 92 081	1 A	230 - 400 V	4	1/2
GW 92 082	2 A	230 - 400 V	4	1/2
GW 92 083	3 A	230 - 400 V	4	1/2
GW 92 084	4 A	230 - 400 V	4	1/2
GW 92 085	6 A	230 - 400 V	4	1/2
GW 92 086	10 A	230 - 400 V	4	1/2
GW 92 094	13 A	230 - 400 V	4	1/2
GW 92 087	16 A	230 - 400 V	4	1/2
GW 92 088	20 A	230 - 400 V	4	1/2
GW 92 089	25 A	230 - 400 V	4	1/2
GW 92 090	32 A	230 - 400 V	4	1/2
GW 92 091	40 A	230 - 400 V	4	1/2
GW 92 092	50 A	230 - 400 V	4	1/2
GW 92 093	63 A	230 - 400 V	4	1/2

MT 60 - B CHARACTERISTIC - 6000 A (EN 60898) - 10 kA (EN 60947-2)

BREAKING CAPACITY 1P

230V 400V	EN60898 Icn	EN60947-2 Icu
In=6÷63 A	6000 A	10 kA

BREAKING CAPACITY 2-3-4P

230V	EN60898 Icn	EN60947-2 Icu
In=6÷63 A	6000 A	20 kA

BREAKING CAPACITY 2-3-4P

400V	EN60898 Icn	EN60947-2 Icu
In=6÷63 A	6000 A	10 kA

GW92292



MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of POLES: 1P				
GW 92 205	6 A	230 - 400 V	1	6/24
GW 92 206	10 A	230 - 400 V	1	6/24
GW 92 214	13 A	230 - 400 V	1	6/24
GW 92 207	16 A	230 - 400 V	1	6/24
GW 92 208	20 A	230 - 400 V	1	6/24
GW 92 209	25 A	230 - 400 V	1	6/24
GW 92 210	32 A	230 - 400 V	1	6/24
GW 92 211	40 A	230 - 400 V	1	6/24
GW 92 212	50 A	230 - 400 V	1	6/24
GW 92 213	63 A	230 - 400 V	1	6/24
No. of POLES: 2P				
GW 92 245	6 A	230 - 400 V	2	3/12
GW 92 246	10 A	230 - 400 V	2	3/12
GW 92 254	13 A	230 - 400 V	2	3/12
GW 92 247	16 A	230 - 400 V	2	3/12
GW 92 248	20 A	230 - 400 V	2	3/12
GW 92 249	25 A	230 - 400 V	2	3/12
GW 92 250	32 A	230 - 400 V	2	3/12
GW 92 251	40 A	230 - 400 V	2	3/12
GW 92 252	50 A	230 - 400 V	2	3/12
GW 92 253	63 A	230 - 400 V	2	3/12
No. of POLES: 3P				
GW 92 265	6 A	230 - 400 V	3	2/8
GW 92 266	10 A	230 - 400 V	3	2/8
GW 92 274	13 A	230 - 400 V	3	2/8
GW 92 267	16 A	230 - 400 V	3	2/8
GW 92 268	20 A	230 - 400 V	3	2/8
GW 92 269	25 A	230 - 400 V	3	2/8
GW 92 270	32 A	230 - 400 V	3	2/8
GW 92 271	40 A	230 - 400 V	3	2/8
GW 92 272	50 A	230 - 400 V	3	2/8
GW 92 273	63 A	230 - 400 V	3	2/8
No. of POLES: 4P				
GW 92 285	6 A	230 - 400 V	4	1/2
GW 92 286	10 A	230 - 400 V	4	1/2
GW 92 294	13 A	230 - 400 V	4	1/2
GW 92 287	16 A	230 - 400 V	4	1/2
GW 92 288	20 A	230 - 400 V	4	1/2
GW 92 289	25 A	230 - 400 V	4	1/2
GW 92 290	32 A	230 - 400 V	4	1/2
GW 92 291	40 A	230 - 400 V	4	1/2
GW 92 292	50 A	230 - 400 V	4	1/2
GW 92 293	63 A	230 - 400 V	4	1/2

90 MCB RANGE

90 MCB RANGE

MODULAR DEVICES FOR CIRCUIT PROTECTION

MT 60 - D CHARACTERISTIC - 6000 A (EN 60898) - 10 kA (EN 60947-2)

BREAKING CAPACITY 1P

230V 400V	EN60898 Icn	EN60947-2 Icu
In=6÷40 A	6000 A	10 kA

BREAKING CAPACITY 2-3-4P

230V	EN60898 Icn	EN60947-2 Icu
In=6÷40 A	6000 A	20 kA

BREAKING CAPACITY 2-3-4P

400V	EN60898 Icn	EN60947-2 Icu
In=6÷40 A	6000 A	10 kA

90 MCB RANGE

GW9 2470



MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 92 405	6 A	230 - 400 V	1	6/24
GW 92 406	10 A	230 - 400 V	1	6/24
GW 92 414	13 A	230 - 400 V	1	6/24
GW 92 407	16 A	230 - 400 V	1	6/24
GW 92 408	20 A	230 - 400 V	1	6/24
GW 92 409	25 A	230 - 400 V	1	6/24
GW 92 410	32 A	230 - 400 V	1	6/24
GW 92 411	40 A	230 - 400 V	1	6/24
No. of poles: 2P				
GW 92 445	6 A	230 - 400 V	2	3/12
GW 92 446	10 A	230 - 400 V	2	3/12
GW 92 454	13 A	230 - 400 V	2	3/12
GW 92 447	16 A	230 - 400 V	2	3/12
GW 92 448	20 A	230 - 400 V	2	3/12
GW 92 449	25 A	230 - 400 V	2	3/12
GW 92 450	32 A	230 - 400 V	2	3/12
GW 92 451	40 A	230 - 400 V	2	3/12
No. of poles: 3P				
GW 92 465	6 A	230 - 400 V	3	2/8
GW 92 466	10 A	230 - 400 V	3	2/8
GW 92 474	13 A	230 - 400 V	3	2/8
GW 92 467	16 A	230 - 400 V	3	2/8
GW 92 468	20 A	230 - 400 V	3	2/8
GW 92 469	25 A	230 - 400 V	3	2/8
GW 92 470	32 A	230 - 400 V	3	2/8
GW 92 471	40 A	230 - 400 V	3	2/8
No. of poles: 4P				
GW 92 485	6 A	230 - 400 V	4	1/2
GW 92 486	10 A	230 - 400 V	4	1/2
GW 92 494	13 A	230 - 400 V	4	1/2
GW 92 487	16 A	230 - 400 V	4	1/2
GW 92 488	20 A	230 - 400 V	4	1/2
GW 92 489	25 A	230 - 400 V	4	1/2
GW 92 490	32 A	230 - 400 V	4	1/2
GW 92 491	40 A	230 - 400 V	4	1/2

①=May 2010

②=June 2010

③=September 2010

MT 100 - C CHARACTERISTIC - 10000 A (EN 60898) - UP TO 15 kA (EN 60947-2)

BREAKING CAPACITY 1P

230V 400V	EN60898 Icn	EN60947-2 Icu
In=6÷25 A	10000 A	15 kA
In=32÷63 A	10000 A	12,5 kA

BREAKING CAPACITY 2P

230V	EN60898 Icn	EN60947-2 Icu
In=6÷25 A	10000 A	30 kA
In=32÷63 A	10000 A	25 kA

BREAKING CAPACITY 2P

400V	EN60898 Icn	EN60947-2 Icu
In=6÷25 A	10000 A	20 kA
In=32÷63 A	10000 A	15 kA

BREAKING CAPACITY 3-4P

230V	EN60898 Icn	EN60947-2 Icu
In=6÷25 A	10000 A	25 kA
In=32÷63 A	10000 A	20 kA

BREAKING CAPACITY 3-4P

400V	EN60898 Icn	EN60947-2 Icu
In=6÷25 A	10000 A	15 kA
In=32÷63 A	10000 A	12,5 kA

GW92692



MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 92 605	6 A	230 - 400 V	1	6/24
GW 92 606	10 A	230 - 400 V	1	6/24
GW 92 614	13 A	230 - 400 V	1	6/24
GW 92 607	16 A	230 - 400 V	1	6/24
GW 92 608	20 A	230 - 400 V	1	6/24
GW 92 609	25 A	230 - 400 V	1	6/24
GW 92 610	32 A	230 - 400 V	1	6/24
GW 92 611	40 A	230 - 400 V	1	6/24
GW 92 612	50 A	230 - 400 V	1	6/24
GW 92 613	63 A	230 - 400 V	1	6/24
No. of poles: 2P				
GW 92 645	6 A	230 - 400 V	2	3/12
GW 92 646	10 A	230 - 400 V	2	3/12
GW 92 654	13 A	230 - 400 V	2	3/12
GW 92 647	16 A	230 - 400 V	2	3/12
GW 92 648	20 A	230 - 400 V	2	3/12
GW 92 649	25 A	230 - 400 V	2	3/12
GW 92 650	32 A	230 - 400 V	2	3/12
GW 92 651	40 A	230 - 400 V	2	3/12
GW 92 652	50 A	230 - 400 V	2	3/12
GW 92 653	63 A	230 - 400 V	2	3/12
No. of poles: 3P				
GW 92 665	6 A	230 - 400 V	3	2/8
GW 92 666	10 A	230 - 400 V	3	2/8
GW 92 674	13 A	230 - 400 V	3	2/8
GW 92 667	16 A	230 - 400 V	3	2/8
GW 92 668	20 A	230 - 400 V	3	2/8
GW 92 669	25 A	230 - 400 V	3	2/8
GW 92 670	32 A	230 - 400 V	3	2/8
GW 92 671	40 A	230 - 400 V	3	2/8
GW 92 672	50 A	230 - 400 V	3	2/8
GW 92 673	63 A	230 - 400 V	3	2/8
No. of poles: 4P				
GW 92 685	6 A	230 - 400 V	4	1/2
GW 92 686	10 A	230 - 400 V	4	1/2
GW 92 694	13 A	230 - 400 V	4	1/2
GW 92 687	16 A	230 - 400 V	4	1/2
GW 92 688	20 A	230 - 400 V	4	1/2
GW 92 689	25 A	230 - 400 V	4	1/2
GW 92 690	32 A	230 - 400 V	4	1/2
GW 92 691	40 A	230 - 400 V	4	1/2
GW 92 692	50 A	230 - 400 V	4	1/2
GW 92 693	63 A	230 - 400 V	4	1/2

90 MCB RANGE

90 MCB RANGE

MODULAR DEVICES FOR CIRCUIT PROTECTION

MT 100 - B CHARACTERISTIC - 10000 A (EN 60898) - UP TO 15 kA (EN 60947-2)

BREAKING CAPACITY 1P

230V 400V	EN60898 Icn	EN60947-2 Icu
In=6÷25 A	10000 A	15 kA
In=32÷63 A	10000 A	12,5 kA

BREAKING CAPACITY 2P

230V	EN60898 Icn	EN60947-2 Icu
In=6÷25 A	10000 A	30 kA
In=32÷63 A	10000 A	25 kA

BREAKING CAPACITY 2P

400V	EN60898 Icn	EN60947-2 Icu
In=6÷25 A	10000 A	20 kA
In=32÷63 A	10000 A	15 kA

BREAKING CAPACITY 3-4P

230V	EN60898 Icn	EN60947-2 Icu
In=6÷25 A	10000 A	25 kA
In=32÷63 A	10000 A	20 kA

BREAKING CAPACITY 3-4P

400V	EN60898 Icn	EN60947-2 Icu
In=6÷25 A	10000 A	15 kA
In=32÷63 A	10000 A	12,5 kA

90 MCB RANGE

GW92549



MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 92 505	6 A	230 - 400 V	1	6/24
GW 92 506	10 A	230 - 400 V	1	6/24
GW 92 507	13 A	230 - 400 V	1	6/24
GW 92 508	16 A	230 - 400 V	1	6/24
GW 92 509	20 A	230 - 400 V	1	6/24
GW 92 510	25 A	230 - 400 V	1	6/24
GW 92 511	32 A	230 - 400 V	1	6/24
GW 92 512	40 A	230 - 400 V	1	6/24
GW 92 513	50 A	230 - 400 V	1	6/24
GW 92 514	63 A	230 - 400 V	1	6/24
No. of poles: 2P				
GW 92 545	6 A	230 - 400 V	2	3/12
GW 92 546	10 A	230 - 400 V	2	3/12
GW 92 547	13 A	230 - 400 V	2	3/12
GW 92 548	16 A	230 - 400 V	2	3/12
GW 92 549	20 A	230 - 400 V	2	3/12
GW 92 550	25 A	230 - 400 V	2	3/12
GW 92 551	32 A	230 - 400 V	2	3/12
GW 92 552	40 A	230 - 400 V	2	3/12
GW 92 553	50 A	230 - 400 V	2	3/12
GW 92 554	63 A	230 - 400 V	2	3/12
No. of poles: 3P				
GW 92 565	6 A	230 - 400 V	3	2/8
GW 92 566	10 A	230 - 400 V	3	2/8
GW 92 567	13 A	230 - 400 V	3	2/8
GW 92 568	16 A	230 - 400 V	3	2/8
GW 92 569	20 A	230 - 400 V	3	2/8
GW 92 570	25 A	230 - 400 V	3	2/8
GW 92 571	32 A	230 - 400 V	3	2/8
GW 92 572	40 A	230 - 400 V	3	2/8
GW 92 573	50 A	230 - 400 V	3	2/8
GW 92 574	63 A	230 - 400 V	3	2/8
No. of poles: 4P				
GW 92 585	6 A	230 - 400 V	4	1/2
GW 92 586	10 A	230 - 400 V	4	1/2
GW 92 587	13 A	230 - 400 V	4	1/2
GW 92 588	16 A	230 - 400 V	4	1/2
GW 92 589	20 A	230 - 400 V	4	1/2
GW 92 590	25 A	230 - 400 V	4	1/2
GW 92 591	32 A	230 - 400 V	4	1/2
GW 92 592	40 A	230 - 400 V	4	1/2
GW 92 593	50 A	230 - 400 V	4	1/2
GW 92 594	63 A	230 - 400 V	4	1/2

①=May 2010

②=June 2010

③=September 2010

MT 100 - D CHARACTERISTIC - 10000 A (EN 60898) - UP TO 15 kA (EN 60947-2)

BREAKING CAPACITY 1P

230V 400V	EN60898 Icn	EN60947-2 Icu
In=1÷25 A	10000 A	15 kA
In=32÷40 A	10000 A	12,5 kA

BREAKING CAPACITY 2P

230V	EN60898 Icn	EN60947-2 Icu
In=1÷25 A	10000 A	30 kA
In=32÷40 A	10000 A	25 kA

BREAKING CAPACITY 2P

400V	EN60898 Icn	EN60947-2 Icu
In=1÷25 A	10000 A	20 kA
In=32÷40 A	10000 A	15 kA

BREAKING CAPACITY 3-4P

230V	EN60898 Icn	EN60947-2 Icu
In=1÷25 A	10000 A	25 kA
In=32÷40 A	10000 A	20 kA

BREAKING CAPACITY 3-4P

400V	EN60898 Icn	EN60947-2 Icu
In=1÷25 A	10000 A	15 kA
In=32÷40 A	10000 A	12,5 kA

GW92770



MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 92 701	1 A	230 - 400 V	1	6/24
GW 92 702	2 A	230 - 400 V	1	6/24
GW 92 703	3 A	230 - 400 V	1	6/24
GW 92 704	4 A	230 - 400 V	1	6/24
GW 92 705	6 A	230 - 400 V	1	6/24
GW 92 706	10 A	230 - 400 V	1	6/24
GW 92 714	13 A	230 - 400 V	1	6/24
GW 92 707	16 A	230 - 400 V	1	6/24
GW 92 708	20 A	230 - 400 V	1	6/24
GW 92 709	25 A	230 - 400 V	1	6/24
GW 92 710	32 A	230 - 400 V	1	6/24
GW 92 711	40 A	230 - 400 V	1	6/24
No. of poles: 2P				
GW 92 741	1 A	230 - 400 V	2	3/12
GW 92 742	2 A	230 - 400 V	2	3/12
GW 92 743	3 A	230 - 400 V	2	3/12
GW 92 744	4 A	230 - 400 V	2	3/12
GW 92 745	6 A	230 - 400 V	2	3/12
GW 92 746	10 A	230 - 400 V	2	3/12
GW 92 754	13 A	230 - 400 V	2	3/12
GW 92 747	16 A	230 - 400 V	2	3/12
GW 92 748	20 A	230 - 400 V	2	3/12
GW 92 749	25 A	230 - 400 V	2	3/12
GW 92 750	32 A	230 - 400 V	2	3/12
GW 92 751	40 A	230 - 400 V	2	3/12
No. of poles: 3P				
GW 92 761	1 A	230 - 400 V	3	2/8
GW 92 762	2 A	230 - 400 V	3	2/8
GW 92 763	3 A	230 - 400 V	3	2/8
GW 92 764	4 A	230 - 400 V	3	2/8
GW 92 765	6 A	230 - 400 V	3	2/8
GW 92 766	10 A	230 - 400 V	3	2/8
GW 92 774	13 A	230 - 400 V	3	2/8
GW 92 767	16 A	230 - 400 V	3	2/8
GW 92 768	20 A	230 - 400 V	3	2/8
GW 92 769	25 A	230 - 400 V	3	2/8
GW 92 770	32 A	230 - 400 V	3	2/8
GW 92 771	40 A	230 - 400 V	3	2/8
No. of poles: 4P				
GW 92 781	1 A	230 - 400 V	4	1/2
GW 92 782	2 A	230 - 400 V	4	1/2
GW 92 783	3 A	230 - 400 V	4	1/2
GW 92 784	4 A	230 - 400 V	4	1/2
GW 92 785	6 A	230 - 400 V	4	1/2
GW 92 786	10 A	230 - 400 V	4	1/2
GW 92 794	13 A	230 - 400 V	4	1/2
GW 92 787	16 A	230 - 400 V	4	1/2
GW 92 788	20 A	230 - 400 V	4	1/2
GW 92 789	25 A	230 - 400 V	4	1/2
GW 92 790	32 A	230 - 400 V	4	1/2
GW 92 791	40 A	230 - 400 V	4	1/2

90 MCB RANGE

90 MCB RANGE

MODULAR DEVICES FOR CIRCUIT PROTECTION

MT 250 - C CHARACTERISTIC - 25000 A (EN 60898) - UP TO 25 kA (EN 60947-2)

BREAKING CAPACITY 1P

230V 400V	EN60898 Icn	EN60947-2 Icu
In=6÷20 A	25000 A	25 kA
In=25 A	20000 A	20 kA
In=32÷40 A	15000 A	15 kA
In=50÷63 A	12500 A	15 kA

BREAKING CAPACITY 2P

230V	EN60898 Icn	EN60947-2 Icu
In=6÷20 A	25000 A	50 kA
In=25 A	25000 A	40 kA
In=32÷40 A	25000 A	30 kA
In=50÷63 A	25000 A	25 kA

BREAKING CAPACITY 2P

400V	EN60898 Icn	EN60947-2 Icu
In=6÷20 A	25000 A	30 kA
In=25 A	25000 A	25 kA
In=32÷40 A	20000 A	20 kA
In=50÷63 A	15000 A	15 kA

BREAKING CAPACITY 3-4P

230V	EN60898 Icn	EN60947-2 Icu
In=6÷20 A	25000 A	40 kA
In=25 A	25000 A	30 kA
In=32÷40 A	25000 A	25 kA
In=50÷63 A	20000 A	20 kA

BREAKING CAPACITY 3-4P

400V	EN60898 Icn	EN60947-2 Icu
In=6÷20 A	25000 A	25 kA
In=25 A	20000 A	20 kA
In=32÷40 A	15000 A	15 kA
In=50÷63 A	12500 A	15 kA

90 MCB RANGE

GW92890



MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 92 805	6 A	230 - 400 V	1	6/24
GW 92 806	10 A	230 - 400 V	1	6/24
GW 92 807	16 A	230 - 400 V	1	6/24
GW 92 808	20 A	230 - 400 V	1	6/24
GW 92 809	25 A	230 - 400 V	1	6/24
GW 92 810	32 A	230 - 400 V	1	6/24
GW 92 811	40 A	230 - 400 V	1	6/24
GW 92 812	50 A	230 - 400 V	1	6/24
GW 92 813	63 A	230 - 400 V	1	6/24
No. of poles: 2P				
GW 92 845	6 A	230 - 400 V	2	3/12
GW 92 846	10 A	230 - 400 V	2	3/12
GW 92 847	16 A	230 - 400 V	2	3/12
GW 92 848	20 A	230 - 400 V	2	3/12
GW 92 849	25 A	230 - 400 V	2	3/12
GW 92 850	32 A	230 - 400 V	2	3/12
GW 92 851	40 A	230 - 400 V	2	3/12
GW 92 852	50 A	230 - 400 V	2	3/12
GW 92 853	63 A	230 - 400 V	2	3/12
No. of poles: 3P				
GW 92 865	6 A	230 - 400 V	3	2/8
GW 92 866	10 A	230 - 400 V	3	2/8
GW 92 867	16 A	230 - 400 V	3	2/8
GW 92 868	20 A	230 - 400 V	3	2/8
GW 92 869	25 A	230 - 400 V	3	2/8
GW 92 870	32 A	230 - 400 V	3	2/8
GW 92 871	40 A	230 - 400 V	3	2/8
GW 92 872	50 A	230 - 400 V	3	2/8
GW 92 873	63 A	230 - 400 V	3	2/8
No. of poles: 4P				
GW 92 885	6 A	230 - 400 V	4	1/2
GW 92 886	10 A	230 - 400 V	4	1/2
GW 92 887	16 A	230 - 400 V	4	1/2
GW 92 888	20 A	230 - 400 V	4	1/2
GW 92 889	25 A	230 - 400 V	4	1/2
GW 92 890	32 A	230 - 400 V	4	1/2
GW 92 891	40 A	230 - 400 V	4	1/2
GW 92 892	50 A	230 - 400 V	4	1/2
GW 92 893	63 A	230 - 400 V	4	1/2

①=May 2010

②=June 2010

③=September 2010

MTHP - HIGH PERFORMANCE MINIATURE CIRCUIT BREAKERS

MTHP 160 - C CHARACTERISTIC - 10000 A (EN 60898) - 16 kA (EN 60947-2)

BREAKING CAPACITY 1P		
230 V	EN60898	EN60947-2
400 V	Icn	Icu
In=80÷125 A	10000 A	16 kA

BREAKING CAPACITY 2-3-4P		
230 V	EN60898	EN60947-2
	Icn	Icu
In=80÷125 A	10000 A	20 kA

BREAKING CAPACITY 2-3-4P		
400 V	EN60898	EN60947-2
	Icn	Icu
In=80÷125 A	10000 A	16 kA



90 MCB RANGE

GW93349



HIGH PERFORMANCE MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of POLES: 1P				
GW 93 307	80 A	230 - 400 V	1.5	1/12
GW 93 308	100 A	230 - 400 V	1.5	1/12
GW 93 309	125 A	230 - 400 V	1.5	1/12
No. of POLES: 2P				
GW 93 327	80 A	230 - 400 V	3	1/8
GW 93 328	100 A	230 - 400 V	3	1/8
GW 93 329	125 A	230 - 400 V	3	1/8
No. of POLES: 3P				
GW 93 337	80 A	230 - 400 V	4.5	1/4
GW 93 338	100 A	230 - 400 V	4.5	1/4
GW 93 339	125 A	230 - 400 V	4.5	1/4
No. of POLES: 4P				
GW 93 347	80 A	230 - 400 V	6	1/4
GW 93 348	100 A	230 - 400 V	6	1/4
GW 93 349	125 A	230 - 400 V	6	1/4

MTHP 160 - D CHARACTERISTIC - 10000 A (EN 60898) - 16 kA (EN 60947-2)

BREAKING CAPACITY 1P		
230 V	EN60898	EN60947-2
400 V	Icn	Icu
In=63÷100 A	10000 A	16 kA

BREAKING CAPACITY 2-3-4P		
230 V	EN60898	EN60947-2
	Icn	Icu
In=63÷100 A	10000 A	20 kA

BREAKING CAPACITY 2-3-4P		
400 V	EN60898	EN60947-2
	Icn	Icu
In=63÷100 A	10000 A	16 kA

GW93388



HIGH PERFORMANCE MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of POLES: 1P				
GW 93 356	63 A	230 - 400 V	1.5	1/12
GW 93 357	80 A	230 - 400 V	1.5	1/12
GW 93 358	100 A	230 - 400 V	1.5	1/12
No. of POLES: 2P				
GW 93 376	63 A	230 - 400 V	3	1/8
GW 93 377	80 A	230 - 400 V	3	1/8
GW 93 378	100 A	230 - 400 V	3	1/8
No. of POLES: 3P				
GW 93 386	63 A	230 - 400 V	4.5	1/4
GW 93 387	80 A	230 - 400 V	4.5	1/4
GW 93 388	100 A	230 - 400 V	4.5	1/4
No. of POLES: 4P				
GW 93 396	63 A	230 - 400 V	6	1/4
GW 93 397	80 A	230 - 400 V	6	1/4
GW 93 398	100 A	230 - 400 V	6	1/4

90 MCB RANGE

MODULAR DEVICES FOR CIRCUIT PROTECTION

MTHP 250 - C CHARACTERISTIC - 25000 A (EN 60898) - 25 kA (EN 60947-2)

BREAKING CAPACITY 1P

230V 400V	EN60898 Icn	EN60947-2 Icu
In=20÷63 A	25000 A	25kA

BREAKING CAPACITY 2P

230V	EN60898 Icn	EN60947-2 Icu
In=20÷63 A	25000 A	50 kA

BREAKING CAPACITY 3-4P

230V	EN60898 Icn	EN60947-2 Icu
In=20÷63 A	25000 A	30 kA

BREAKING CAPACITY 2-3-4P

400V	EN60898 Icn	EN60947-2 Icu
In=20÷63 A	25000 A	25 kA

90 MCB RANGE

GW93.222



HIGH PERFORMANCE MINIATURE CIRCUIT BREAKERS

Code	Rated current	Rated voltage	No. of modules EN 50022	Pack Carton
No. of poles: 1P				
GW 93 201	20 A	230 - 400 V	1,5	1/12
GW 93 202	25 A	230 - 400 V	1,5	1/12
GW 93 203	32 A	230 - 400 V	1,5	1/12
GW 93 204	40 A	230 - 400 V	1,5	1/12
GW 93 205	50 A	230 - 400 V	1,5	1/12
GW 93 206	63 A	230 - 400 V	1,5	1/12
No. of poles: 2P				
GW 93 221	20 A	230 - 400 V	3	1/8
GW 93 222	25 A	230 - 400 V	3	1/8
GW 93 223	32 A	230 - 400 V	3	1/8
GW 93 224	40 A	230 - 400 V	3	1/8
GW 93 225	50 A	230 - 400 V	3	1/8
GW 93 226	63 A	230 - 400 V	3	1/8
No. of poles: 3P				
GW 93 231	20 A	230 - 400 V	4,5	1/4
GW 93 232	25 A	230 - 400 V	4,5	1/4
GW 93 233	32 A	230 - 400 V	4,5	1/4
GW 93 234	40 A	230 - 400 V	4,5	1/4
GW 93 235	50 A	230 - 400 V	4,5	1/4
GW 93 236	63 A	230 - 400 V	4,5	1/4
No. of poles: 4P				
GW 93 241	20 A	230 - 400 V	6	1/4
GW 93 242	25 A	230 - 400 V	6	1/4
GW 93 243	32 A	230 - 400 V	6	1/4
GW 93 244	40 A	230 - 400 V	6	1/4
GW 93 245	50 A	230 - 400 V	6	1/4
GW 93 246	63 A	230 - 400 V	6	1/4

①=May 2010

②=June 2010

③=September 2010

90 RCD range

Modular devices for residual current protection

The 90 RCD range is made up of:

- **MDC**. Monobloc compact residual current circuit breakers with overcurrent protection from 6 to 32A in B and C characteristic, breaking capacity up to 10kA and $I_{\Delta n}$ of 30 and 300 mA of AC and A types.
- **BD** and **BDHP**. Add-on residual current devices for MT and MTHP miniature circuit breakers up to 125A, $I_{\Delta n}$ from 10mA to 3A of AC, A, A[S] and A[Adjustable] types.
- **SD**. Residual current circuit breakers up to 125A, $I_{\Delta n}$ from 10mA to 500mA of AC, A, impulse resistant A[IR] and A[S] type.



90 RCD RANGE

MODULAR DEVICES FOR RESIDUAL CURRENT PROTECTION

90 RCD RANGE

				COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION (EN 61009-1)							
				$I\Delta n = 30\text{mA}$				$I\Delta n = 300\text{mA}$			
I_{cn} [A]	Charac- teristic	Type	I_n [A]	2 mod.	2 mod.	3 mod.	4 mod.	2 mod.	2 mod.	3 mod.	4 mod.
MDC 45											
4500	C	AC	6	GW 94 005	GW 94 025	GW 94 045	GW 94 065	GW 94 015	GW 94 035	GW 94 055	GW 94 075
			10	GW 94 006	GW 94 026	GW 94 046	GW 94 066	GW 94 016	GW 94 036	GW 94 056	GW 94 076
			13	GW 94 011	GW 94 031	GW 94 051	GW 94 071				
			16	GW 94 007	GW 94 027	GW 94 047	GW 94 067	GW 94 017	GW 94 037	GW 94 057	GW 94 077
			20	GW 94 008	GW 94 028	GW 94 048	GW 94 068	GW 94 018	GW 94 038	GW 94 058	GW 94 078
			25	GW 94 009	GW 94 029	GW 94 049	GW 94 069	GW 94 019	GW 94 039	GW 94 059	GW 94 079
			32	GW 94 010	GW 94 030	GW 94 050	GW 94 070	GW 94 020	GW 94 040	GW 94 060	GW 94 080
		A	6	GW 94 205	GW 94 225	GW 94 245	GW 94 265	GW 94 215	GW 94 235	GW 94 255	GW 94 275
			10	GW 94 206	GW 94 226	GW 94 246	GW 94 266	GW 94 216	GW 94 236	GW 94 256	GW 94 276
			13	GW 94 211	GW 94 231	GW 94 251	GW 94 271				
			16	GW 94 207	GW 94 227	GW 94 247	GW 94 267	GW 94 217	GW 94 237	GW 94 257	GW 94 277
			20	GW 94 208	GW 94 228	GW 94 248	GW 94 268	GW 94 218	GW 94 238	GW 94 258	GW 94 278
			25	GW 94 209	GW 94 229	GW 94 249	GW 94 269	GW 94 219	GW 94 239	GW 94 259	GW 94 279
			32	GW 94 210	GW 94 230	GW 94 250	GW 94 270	GW 94 220	GW 94 240	GW 94 260	GW 94 280
MDC 60											
6000	C	AC	6	GW 94 105	GW 94 125	GW 94 145	GW 94 165	GW 94 115	GW 94 135	GW 94 155	GW 94 175
			10	GW 94 106	GW 94 126	GW 94 146	GW 94 166	GW 94 116	GW 94 136	GW 94 156	GW 94 176
			13	GW 94 111	GW 94 131	GW 94 151	GW 94 171				
			16	GW 94 107	GW 94 127	GW 94 147	GW 94 167	GW 94 117	GW 94 137	GW 94 157	GW 94 177
			20	GW 94 108	GW 94 128	GW 94 148	GW 94 168	GW 94 118	GW 94 138	GW 94 158	GW 94 178
			25	GW 94 109	GW 94 129	GW 94 149	GW 94 169	GW 94 119	GW 94 139	GW 94 159	GW 94 179
			32	GW 94 110	GW 94 130	GW 94 150	GW 94 170	GW 94 120	GW 94 140	GW 94 160	GW 94 180
		A	6	GW 94 305	GW 94 325	GW 94 345	GW 94 365	GW 94 315	GW 94 335	GW 94 355	GW 94 375
			10	GW 94 306	GW 94 326	GW 94 346	GW 94 366	GW 94 316	GW 94 336	GW 94 356	GW 94 376
			13	GW 94 311	GW 94 331	GW 94 351	GW 94 371				
			16	GW 94 307	GW 94 327	GW 94 347	GW 94 367	GW 94 317	GW 94 337	GW 94 357	GW 94 377
			20	GW 94 308	GW 94 328	GW 94 348	GW 94 368	GW 94 318	GW 94 338	GW 94 358	GW 94 378
			25	GW 94 309	GW 94 329	GW 94 349	GW 94 369	GW 94 319	GW 94 339	GW 94 359	GW 94 379
			32	GW 94 310	GW 94 330	GW 94 350	GW 94 370	GW 94 320	GW 94 340	GW 94 360	GW 94 380
	B	A	6	GW 95 105	GW 95 125	GW 95 145	GW 95 165	GW 95 115	GW 95 135	GW 95 155	GW 95 175
			10	GW 95 106	GW 95 126	GW 95 146	GW 95 166	GW 95 116	GW 95 136	GW 95 156	GW 95 176
			13	GW 95 111	GW 95 131	GW 95 151	GW 95 171				
			16	GW 95 107	GW 95 127	GW 95 147	GW 95 167	GW 95 117	GW 95 137	GW 95 157	GW 95 177
			20	GW 95 108	GW 95 128	GW 95 148	GW 95 168	GW 95 118	GW 95 138	GW 95 158	GW 95 178
			25	GW 95 109	GW 95 129	GW 95 149	GW 95 169	GW 95 119	GW 95 139	GW 95 159	GW 95 179
			32	GW 95 110	GW 95 130	GW 95 150	GW 95 170	GW 95 120	GW 95 140	GW 95 160	GW 95 180

				COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION (EN 61009-1)			
				IΔn = 30mA		IΔn = 300mA	
				1P+N	2P	1P+N	2P
				2 mod.	2 mod.	2 mod.	2 mod.
Icn [A]	Characteristic	Type	In [A]	MDC 100			
10000	C	AC	6	GW 95 005	GW 95 025	GW 95 015	GW 95 035
			10	GW 95 006	GW 95 026	GW 95 016	GW 95 036
			13	GW 95 011	GW 95 031		
			16	GW 95 007	GW 95 027	GW 95 017	GW 95 037
			20	GW 95 008	GW 95 028	GW 95 018	GW 95 038
			25	GW 95 009	GW 95 029	GW 95 019	GW 95 039
		32	GW 95 010	GW 95 030	GW 95 020	GW 95 040	
		A	6	GW 95 205	GW 95 225	GW 95 215	GW 95 235
			10	GW 95 206	GW 95 226	GW 95 216	GW 95 236
			13	GW 95 211	GW 95 231		
			16	GW 95 207	GW 95 227	GW 95 217	GW 95 237
			20	GW 95 208	GW 95 228	GW 95 218	GW 95 238
	25		GW 95 209	GW 95 229	GW 95 219	GW 95 239	
	B	A	6		GW 95 325		GW 95 335
			10		GW 95 326		GW 95 336
			13		GW 95 331		
			16		GW 95 327		GW 95 337
			20		GW 95 328		GW 95 338
			25		GW 95 329		GW 95 339
			32		GW 95 330		GW 95 340

90 RCD RANGE




		ADD-ON RESIDUAL CURRENT DEVICES (EN 61009-1 APP. G)											
		BD - Add-on RCD for MCB MT				BDHP - Add-on RCD for MCB MTHP							
Type	IΔn [mA]	2 mod.		3.5 mod.		3.5 mod.		4 mod.		6 mod.		6 mod.	
		In≤25 A	In≤63 A	In≤25 A	In≤63 A	In≤25 A	In≤63 A	In≤63 A	In≤125 A	In≤63 A	In≤125 A	In≤63 A	In≤125 A
AC	10	GW 94 401						GW 95 401	GW 95 406	GW 95 411	GW 95 416	GW 95 421	GW 95 426
	30	GW 94 402	GW 94 412	GW 94 442	GW 94 448	GW 94 422	GW 94 432	GW 95 402	GW 95 407	GW 95 412	GW 95 417	GW 95 422	GW 95 427
	100							GW 95 402	GW 95 407	GW 95 412	GW 95 417	GW 95 422	GW 95 427
	300	GW 94 403	GW 94 413	GW 94 443	GW 94 449	GW 94 423	GW 94 433	GW 95 403	GW 95 408	GW 95 413	GW 95 418	GW 95 423	GW 95 428
	500	GW 94 404	GW 94 414	GW 94 444	GW 94 450	GW 94 424	GW 94 434						
A	30	GW 94 502	GW 94 512	GW 94 542	GW 94 547	GW 94 522	GW 94 532	GW 95 431	GW 95 436	GW 95 441	GW 95 446	GW 95 451	GW 95 456
	100							GW 95 432	GW 95 437	GW 95 442	GW 95 447	GW 95 452	GW 95 457
	300	GW 94 503	GW 94 513	GW 94 543	GW 94 548	GW 94 523	GW 94 533	GW 95 433	GW 95 438	GW 95 443	GW 95 448	GW 95 453	GW 95 458
	500	GW 94 504	GW 94 514	GW 94 544	GW 94 549	GW 94 524	GW 94 534						
A[S]	300	GW 94 563		GW 94 598		GW 94 583		GW 95 463	GW 95 468	GW 95 473	GW 95 478	GW 95 483	GW 95 488
	1000	GW 94 565		GW 94 600		GW 94 585		GW 95 465	GW 95 470	GW 95 475	GW 95 480	GW 95 485	GW 95 490
A reg.	300-3000											GW 95 511	GW 95 512

		LOCAL RCD PROTECTION			
		RCD SAFETY SOCKET		RCD SAFETY UNIT (TYPE A)	
In [A]	IΔn [mA]	IP21		IP41	
16	10	GW 95 921		GW 95 923	
	30	GW 95 922		GW 95 924	
HOUSING FOR SURFACE-MOUNTING					
SUITABLE FOR RCD SAFETY SOCKET					
		IP44			
		GW 95 928			

90 RCD RANGE

MODULAR DEVICES FOR RESIDUAL CURRENT PROTECTION

90 RCD RANGE

			RESIDUAL CURRENT CIRCUIT BREAKERS (EN 61008-1)			
			SD			
			2P	4P		
						
In [A]	Type	IΔn [mA]	2 mod.	3 mod.	4 mod.	4 mod.*
25	AC	10	GW 94 616			
		30	GW 94 617	GW 94 662	GW 94 697	GW 94 637
		100	GW 94 618		GW 94 698	
		300	GW 94 619	GW 94 664	GW 94 699	GW 94 639
	A	10	GW 94 816	GW 94 866		
		30	GW 94 817	GW 94 867	GW 94 877	GW 94 552
		100	GW 94 818		GW 94 878	
		300	GW 94 819	GW 94 869	GW 94 879	GW 94 554
	A[IR]	30	GW 95 651		GW 95 676	
		300			GW 95 678	
40	AC	30	GW 94 627	GW 94 667	GW 94 707	GW 94 647
		100	GW 94 628	GW 94 668	GW 94 708	
		300	GW 94 629	GW 94 669	GW 94 709	GW 94 649
		500	GW 94 630	GW 94 670	GW 94 710	
	A	30	GW 94 827	GW 94 897	GW 94 927	GW 94 557
		100	GW 94 828	GW 94 898	GW 94 928	
		300	GW 94 829	GW 94 899	GW 94 929	GW 94 559
		500	GW 94 830	GW 94 900	GW 94 930	
	A[IR]	30	GW 95 656		GW 95 681	
		300			GW 95 683	
	A[S]	300	GW 94 924		GW 94 966	
	63	AC	30	GW 94 790		GW 94 757
100			GW 94 791		GW 94 758	
300			GW 94 792		GW 94 759	GW 94 719
500			GW 94 789		GW 94 760	
A		30	GW 94 837		GW 94 937	GW 94 907
		100	GW 94 838		GW 94 938	
		300	GW 94 839		GW 94 939	GW 94 909
		500	GW 94 840		GW 94 940	
A[IR]		30	GW 95 661		GW 95 686	
		300			GW 95 688	
A[S]	300	GW 94 934		GW 94 976		
80	AC	30	GW 94 793		GW 94 761	GW 94 727
		100	GW 94 794		GW 94 771	
		300	GW 94 795		GW 94 766	GW 94 728
	A	30	GW 94 847		GW 94 947	
		100	GW 94 848		GW 94 948	
		300	GW 94 849		GW 94 949	
A[S]	300	GW 94 944		GW 94 986		
100	AC	30	GW 94 656		GW 94 777	GW 94 737
		100	GW 94 657		GW 94 778	
		300	GW 94 658		GW 94 779	GW 94 739
		500			GW 94 780	
	A	30	GW 94 856		GW 94 957	
		100			GW 94 958	
		300	GW 94 858		GW 94 959	
		500			GW 94 960	
	A[IR]	30	GW 95 671		GW 95 696	
		300			GW 95 698	
A[S]	300	GW 94 954		GW 94 996		
125	AC	30			GW 95 601	
		300			GW 95 603	
		500			GW 95 604	
	A	30			GW 95 606	
		300			GW 95 608	
500			GW 95 609			

* Residual circuit breakers 4P with neutral on the left

TYPE		MDC 45		MDC 60			MDC 100		
Standard		EN 61009-1		EN 61009-1			EN 61009-1		
Rated current (In)	(A)	6-32		6-32			6-32		
Utilization category		A		A			A		
Rated operational voltage (Ue)	(V AC)	230 / 400		230 / 400			230 (*)		
Insulation voltage (Ui)	(V)	500		500			500		
Rated frequency	(Hz)	50		50			50		
Number of poles		1+N,2	3, 4	1+N	2	3, 4	1+N,2		
BREAKING CAPACITY	Alternating current IEC 61009 - EN 61009 (A)								
		Icn	4500		6000			10000	
		Ics	1 Icn		1 Icn			0.75 Icn	
	Alternating current IEC 60947-2 - EN 60947-2 (kA) Ue (V)								
		Icu	230	6	6	7.5	7.5	10	10
		Icu	400		4, 5			6	
	Ics	100% Icu		75% Icu			75% Icu		
Rated residual operating current		Type							
	IΔn (mA)	AC		30			30		
				300			300		
		A		30			30		
				300			300		
Residual making and breaking capacity		IΔm		Icn RCBO			4500		
Range of test-button operating voltage		(V)		170 - 440			170 - 440		
Wiring		cable section (mm²)		rigid			flexible		
				≤35			≤35		
				≤35			≤35		
Electrical endurance (number of O-C cycles)				10000			10000		
Max. no. of usable modular accessories:				3			3		
Isolation displayed				yes			yes		
Rated tightening torque		(Nm)		2			2		
Degree of protection for		terminals (with terminal covers)		IP40			IP40		
		other parts		IP40			IP40		
Tropicalisation				55°C - RH 95%			55°C - RH 95%		
Operating temperature		(°C)		-25 +40			-25 +40		
Reference temperature		(°C)		30			30		
Characteristic				C			C B		
Rated currents available (In)		(A)		6			6		
				10			10		
				13			13		
				16			16		
				20			20		
				25			25		
				32			32		


(*) 2P circuit breakers operating at 110V are available upon request

90 RCD RANGE

90 RCD RANGE

MODULAR DEVICES FOR RESIDUAL CURRENT PROTECTION

90 RCD RANGE

TYPE			BD - Add-on RCD for MCB MT			
						
Standard			EN 61009-1 app. G			
Type			AC		A	A[S]
Rated operational voltage (Ue) (V AC)			230 / 400		230 / 400	230 / 400
Insulation voltage (Ui) (V)			500		500	500
Rated frequency (Hz)			50		50	50
Number of poles			2	3, 4	2, 3, 4	2, 3, 4
Rated residual operating current (mA)			I _n		I _n	I _n
I _{Δn} 10			• ≤25			
I _{Δn} 30			• • ≤25, ≤63		• ≤25, ≤63	
I _{Δn} 100						
I _{Δn} 300			• • ≤25, ≤63		• ≤25, ≤63	• ≤63
I _{Δn} 500			• • ≤25, ≤63		• ≤25, ≤63	
I _{Δn} 1000						• ≤63
I _{Δn} adjustable						
Available settings						
I _{Δn} (mA)						
t (ms)						
Residual making and breaking capacity I _{Δm}			I _{cn} of associated device		I _{cn} of associated device	I _{cn} of associated device
Range of test-button operating voltage (V)			170 - 440		170 - 440	170 - 440
Wiring cable section (mm ²)			rigid ≤35		≤35	≤35
			flexible ≤35		≤35	≤35
Rated tightening torque (Nm)			2		2	2
Upline/downline power supply			yes		yes	yes
Degree of protection for terminals (with terminal covers)			IP40		IP40	IP40
other parts			IP40		IP40	IP40
Tropicalisation			55°C - RH 95%		55°C - RH 95%	55°C - RH 95%
Operating temperature (°C)			-25 +40		-25 +40	-25 +40

BDHP - Add-on RCD for MCB MTHP



Adjustable BDHP



EN 61009-1 app. G


EN 60947-2 app. G

AC	A	A[S]	A
230/400	230/400	230/400	230/400
500	500	500	500
50	50	50	50
2, 3, 4	2, 3, 4	2, 3, 4	4
In	In	In	In
• ≤63, ≤125	• ≤63, ≤125		
• ≤63, ≤125	• ≤63, ≤125		
• ≤63, ≤125	• ≤63, ≤125	• ≤63, ≤125	
		• ≤63, ≤125	
			• ≤63, ≤125
			300, 500, 1000, 3000
			0, 60, 150
Icn of associated device	Icn of associated device	Icn of associated device	Icu of associated device
170 - 440	170 - 440	170 - 440	170 - 440
≤50	≤50	≤50	≤50
terminal	terminal	terminal	terminal
3.5 / 3 (terminals)	3.5 / 3 (terminals)	3.5 / 3 (terminals)	3.5 / 3 (terminals)
yes	yes	yes	yes
IP40	IP40	IP40	IP40
IP40	IP40	IP40	IP40
55°C - RH 95%	55°C - RH 95%	55°C - RH 95%	55°C - RH 95%
-25 +40	-25 +40	-25 +40	-25 +40

90 RCD RANGE

MODULAR DEVICES FOR RESIDUAL CURRENT PROTECTION

90 RCD RANGE

TYPE		SD								
										
Standard		EN 61008-1								
Type		AC								
Rated current (In)	(A)	25	40	63	80					
Rated operational voltage (Ue)	2P (V AC)	230	230	230	230					
	4P	400	400	400	400					
Insulation voltage (Ui)	(V)	500	500	500	500					
Rated frequency	(Hz)	50	50	50	50					
Number of poles		2 4	2 4	2 4	2 4					
Rated residual operating current (with no. of modules in brackets)										
	IΔn (mA)	10	• (2)							
		30	• (2)	• (3, 4)	• (2)	• (3, 4)	• (2)	• (4)	• (2)	• (4)
		100	• (2)	• (4)	• (2)	• (3, 4)	• (2)	• (4)	• (2)	• (4)
		300	• (2)	• (3, 4)	• (2)	• (3, 4)	• (2)	• (4)	• (2)	• (4)
		500		• (2)	• (3, 4)	• (2)	• (4)			
Level of immunity (8/20 μs)	(A)	250	250	250	250					
Residual making and breaking capacity	IΔm (A)	630	630	630	800					
Range of test-button operating voltage (V)	2P	100 - 253	100 - 253	100 - 253	100 - 253					
	4P	170 - 440	170 - 440	170 - 440	170 - 440					
Wiring	cable section (mm ²)	rigid	≤35	≤35	≤35	≤35				
		flexible	≤35 (≤ 25 4P 3M)	≤35 (≤ 25 4P 3M)	≤35	≤35				
Rated tightening torque (Nm):		2	2	2	2					
Upline/downline power supply		yes	yes	yes	yes					
Degree of protection		IP20	IP20	IP20	IP20					
Tropicalisation		55°C - RH 95%	55°C - RH 95%	55°C - RH 95%	55°C - RH 95%					
Operating temperature (°C)		-25 +40	-25 +40	-25 +40	-25 +40					
Rated conditional residual short-circuit current with MCB (IΔc)	(kA)	2P	4P	2P	4P	2P	4P	2P	4P	
	MTC45	4.5	4.5							
	MTC 60	6	6							
	MT 60	6	6	6	6	6	6			
	MT 100	10	10	10	10	10	10			
	MT 250	10	10	10	10	10	10			
	MTHP 160	10	10	10	10	10	10	10	10	
	MTHP 250	10	10	10	10	10	10			
Rated conditional residual short-circuit current with fuse	IΔc (A)	2P		6000 (gL 63A)	6000 (gL 63A)	6000 (gL 63A)	6000 (gL 63A)	6000 (gL 80A)		
		4P 3 mod.		6000 (gL 63A)	6000 (gL 63A)					
		4P 4 mod.		10000 (gL 80A)	10000 (gL 80A)	10000 (gL 80A)	10000 (gL 80A)			

SD



EN 61008-1


AC		A					
100	125	25	40	63	80	100	125
230		230	230	230	230	230	
400	400	400	400	400	400	400	400
500	500	500	500	500	500	500	500
50	50	50	50	50	50	50	50
2 4	4	2 4	2 4	2 4	2 4	2 4	4
		• (2)	• (3)				
• (2) • (4)	• (4)	• (2) • (3,4)	• (2) • (3,4)	• (2) • (4)	• (2) • (4)	• (2) • (4)	• (4)
• (2) • (4)		• (2) • (4)	• (2) • (3,4)	• (2) • (4)	• (2) • (4)		• (4)
• (2) • (4)	• (4)	• (2) • (3,4)	• (2) • (3,4)	• (2) • (4)	• (2) • (4)	• (2) • (4)	• (4)
	• (4)		• (2) • (3,4)	• (2) • (4)			• (4)
250	250	250	250	250	250	250	250
1000	1250	630	630	630	800	1000	1250
100 - 253		100 - 253	100 - 253	100 - 253	100 - 253	100 - 253	
170 - 440	220 - 415	170 - 440	170 - 440	170 - 440	170 - 440	170 - 440	220 - 415
≤35	≤50 (4P)	≤35	≤35	≤35	≤35	≤35	≤50 (4P)
≤35		≤35 (≤ 25 4P 3M)	≤35 (≤ 25 4P 3M)	≤35	≤35	≤35	
2	2	2	2	2	2	2	2
yes	yes	yes	yes	yes	yes	yes	yes
IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
55°C - RH 95%	55°C - RH 95%	55°C - RH 95%	55°C - RH 95%	55°C - RH 95%	55°C - RH 95%	55°C - RH 95%	55°C - RH 95%
-25 +40	-25 +40	-25 +40	-25 +40	-25 +40	-25 +40	-25 +40	-25 +40
2P 4P	4P	2P 4P	2P 4P	2P 4P	2P 4P	2P 4P	4P
		4.5 4.5					
		6 6					
		6 6	6 6	6 6			
		10 10	10 10	10 10			
		10 10	10 10	10 10			
10 10	10	10 10	10 10	10 10	10 10	10 10	10
		10 10	10 10	10 10			
6000 (gL 100A)		6000 (gL 63A)	6000 (gL 63A)	6000 (gL 63A)	6000 (gL 80A)	6000 (gL 100A)	
		6000 (gL 63A)	6000 (gL 63A)				
10000 (gL 100A)	10000 (gL 125A)	10000 (gL 80A)	10000 (gL 80A)	10000 (gL 80A)	10000 (gL 80A)	10000 (gL 100A)	10000 (gL 125A)

90 RCD RANGE

90 RCD RANGE

MODULAR DEVICES FOR RESIDUAL CURRENT PROTECTION

90 RCD RANGE

TYPE		SD							
									
Standard		EN 61008-1							
Type		A[IR]							
Rated current (In)	(A)	25	40	63	100				
Rated operational voltage (Ue)	2P (V AC)	230	230	230	230				
	4P	400	400	400	400				
Insulation voltage (Ui)	(V)	500	500	500	500				
Rated frequency	(Hz)	50	50	50	50				
Number of poles		2 4	2 4	2 4	2 4				
Rated residual operating current (with no. of modules in brackets)									
	impulse-resistant (IR) 30	• (2)	• (4)	• (2)	• (4)	• (2)	• (4)	• (2)	• (4)
	300		• (4)		• (4)		• (4)		• (4)
	selective (S) 300								
Level of immunity (8/20 μs)	(A)	3000	3000	3000	3000				
Residual making and breaking capacity	IΔm (A)	630	630	630	1000				
Range of test-button operating voltage	2P (V)	100 - 253	100 - 253	100 - 253	100 - 253				
	4P	170 - 440	170 - 440	170 - 440	170 - 440				
Wiring	cable section (mm ²) rigid	≤35	≤35	≤35	≤35				
	flexible	≤35	≤35	≤35	≤35				
Rated tightening torque (Nm):		2	2	2	2				
Upline/downline power supply		yes	yes	yes	yes				
Degree of protection		IP20	IP20	IP20	IP20				
Tropicalisation		55°C - RH 95%	55°C - RH 95%	55°C - RH 95%	55°C - RH 95%				
Operating temperature	(°C)	-25 +40	-25 +40	-25 +40	-25 +40				
Rated conditional residual short-circuit current with MCB (IΔc)	(kA)	2P 4P	2P 4P	2P 4P	2P 4P				
	MTC 45	4.5 4.5							
	MTC 60	6 6							
	MT 60	6 6	6 6	6 6					
	MT 100	10 10	10 10	10 10					
	MT 250	10 10	10 10	10 10					
	MTHP 160	10 10	10 10	10 10	10 10	10 10			
	MTHP 250	10 10	10 10	10 10	10 10				
Rated conditional residual short-circuit current with fuse	IΔc (A)	2P	4P	2P 4P	2P 4P				
		6000 (gL 63A)	6000 (gL 63A)	6000 (gL 63A)	6000 (gL 100A)				
	4P	10000 (gL 80A)	10000 (gL 80A)	10000 (gL 80A)	10000 (gL 100A)				

SD



EN 61008-1

A[S]

40	63	80	100
230	230	230	230
400	400	400	400
500	500	500	500
50	50	50	50
2 4	2 4	2 4	2 4
• (2) • (4)	• (2) • (4)	• (2) • (4)	• (2) • (4)
3000	3000	3000	3000
630	630	1000 (2P) - 800 (4P)	1000
100 - 253	100 - 253	100 - 253	100 - 253
170 - 440	170 - 440	170 - 440	170 - 440
≤35	≤35	≤35	≤35
≤35	≤35	≤35	≤35
2	2	2	2
yes	yes	yes	yes
IP20	IP20	IP20	IP20
55°C - RH 95%	55°C - RH 95%	55°C - RH 95%	55°C - RH 95%
-25 +40	-25 +40	-25 +40	-25 +40
2P 4P	2P 4P	2P 4P	2P 4P
6 6	6 6		
10 10	10 10		
10 10	10 10		
10 10	10 10	10 10	10 10
10 10	10 10		
6000 (gL 63A)	6000 (gL 80A)	6000 (gL 80A)	6000 (gL 100A)
10000 (gL 80A)	10000 (gL 80A)	10000 (gL 80A)	10000 (gL 100A)

MDC - MONOBLOC COMPACT RCBO's

MDC 45 - AC TYPE - C CHARACTERISTIC - 4500 A (EN 61009-1) - 4.5 kA (EN 60947-2)

BREAKING CAPACITY 1P+N

230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	4500 A	6 kA

BREAKING CAPACITY 2-3-4P

230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	4500 A	6 kA

BREAKING CAPACITY 1P+N

400V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	4500 A	4,5 kA

COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION

Code	I _{dn}	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. OF POLES: 1P+N					
GW 94 005	30 mA	6 A	230 V	2	1/6
GW 94 006	30 mA	10 A	230 V	2	1/6
GW 94 011	30 mA	13 A	230 V	2	1/6
GW 94 007	30 mA	16 A	230 V	2	1/6
GW 94 008	30 mA	20 A	230 V	2	1/6
GW 94 009	30 mA	25 A	230 V	2	1/6
GW 94 010	30 mA	32 A	230 V	2	1/6
GW 94 015	300 mA	6 A	230 V	2	1/6
GW 94 016	300 mA	10 A	230 V	2	1/6
GW 94 017	300 mA	16 A	230 V	2	1/6
GW 94 018	300 mA	20 A	230 V	2	1/6
GW 94 019	300 mA	25 A	230 V	2	1/6
GW 94 020	300 mA	32 A	230 V	2	1/6
No. OF POLES: 2P					
GW 94 025	30 mA	6 A	230 V	2	1/6
GW 94 026	30 mA	10 A	230 V	2	1/6
GW 94 031	30 mA	13 A	230 V	2	1/6
GW 94 027	30 mA	16 A	230 V	2	1/6
GW 94 028	30 mA	20 A	230 V	2	1/6
GW 94 029	30 mA	25 A	230 V	2	1/6
GW 94 030	30 mA	32 A	230 V	2	1/6
GW 94 035	300 mA	6 A	230 V	2	1/6
GW 94 036	300 mA	10 A	230 V	2	1/6
GW 94 037	300 mA	16 A	230 V	2	1/6
GW 94 038	300 mA	20 A	230 V	2	1/6
GW 94 039	300 mA	25 A	230 V	2	1/6
GW 94 040	300 mA	32 A	230 V	2	1/6
No. OF POLES: 3P					
GW 94 045	30 mA	6 A	230 - 400 V	3	1/4
GW 94 046	30 mA	10 A	230 - 400 V	3	1/4
GW 94 051	30 mA	13 A	230 - 400 V	3	1/4
GW 94 047	30 mA	16 A	230 - 400 V	3	1/4
GW 94 048	30 mA	20 A	230 - 400 V	3	1/4
GW 94 049	30 mA	25 A	230 - 400 V	3	1/4
GW 94 050	30 mA	32 A	230 - 400 V	3	1/4
GW 94 055	300 mA	6 A	230 - 400 V	3	1/4
GW 94 056	300 mA	10 A	230 - 400 V	3	1/4
GW 94 057	300 mA	16 A	230 - 400 V	3	1/4
GW 94 058	300 mA	20 A	230 - 400 V	3	1/4
GW 94 059	300 mA	25 A	230 - 400 V	3	1/4
GW 94 060	300 mA	32 A	230 - 400 V	3	1/4
No. OF POLES: 4P					
GW 94 065	30 mA	6 A	230 - 400 V	4	1/2
GW 94 066	30 mA	10 A	230 - 400 V	4	1/2
GW 94 071	30 mA	13 A	230 - 400 V	4	1/2
GW 94 067	30 mA	16 A	230 - 400 V	4	1/2
GW 94 068	30 mA	20 A	230 - 400 V	4	1/2
GW 94 069	30 mA	25 A	230 - 400 V	4	1/2
GW 94 070	30 mA	32 A	230 - 400 V	4	1/2
GW 94 075	300 mA	6 A	230 - 400 V	4	1/2
GW 94 076	300 mA	10 A	230 - 400 V	4	1/2
GW 94 077	300 mA	16 A	230 - 400 V	4	1/2
GW 94 078	300 mA	20 A	230 - 400 V	4	1/2
GW 94 079	300 mA	25 A	230 - 400 V	4	1/2
GW 94 080	300 mA	32 A	230 - 400 V	4	1/2

GW94027



90 RCD RANGE

MDC 45 - A TYPE - C CHARACTERISTIC - 4500 A (EN 61009-1) - 4.5 kA (EN 60947-2)

BREAKING CAPACITY 1P+N		
230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	4500 A	6 kA

BREAKING CAPACITY 2-3-4P		
230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	4500 A	6 kA

BREAKING CAPACITY 2-3-4P		
400V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	4500 A	4,5 kA

GW94227



COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION

Code	I _{dn}	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. of POLES: 1P+N					
GW 94 205	30 mA	6 A	230 V	2	1/6
GW 94 206	30 mA	10 A	230 V	2	1/6
GW 94 211	30 mA	13 A	230 V	2	1/6
GW 94 207	30 mA	16 A	230 V	2	1/6
GW 94 208	30 mA	20 A	230 V	2	1/6
GW 94 209	30 mA	25 A	230 V	2	1/6
GW 94 210	30 mA	32 A	230 V	2	1/6
GW 94 215	300 mA	6 A	230 V	2	1/6
GW 94 216	300 mA	10 A	230 V	2	1/6
GW 94 217	300 mA	16 A	230 V	2	1/6
GW 94 218	300 mA	20 A	230 V	2	1/6
GW 94 219	300 mA	25 A	230 V	2	1/6
GW 94 220	300 mA	32 A	230 V	2	1/6
No. of POLES: 2P					
GW 94 225	30 mA	6 A	230 V	2	1/6
GW 94 226	30 mA	10 A	230 V	2	1/6
GW 94 231	30 mA	13 A	230 V	2	1/6
GW 94 227	30 mA	16 A	230 V	2	1/6
GW 94 228	30 mA	20 A	230 V	2	1/6
GW 94 229	30 mA	25 A	230 V	2	1/6
GW 94 230	30 mA	32 A	230 V	2	1/6
GW 94 235	300 mA	6 A	230 V	2	1/6
GW 94 236	300 mA	10 A	230 V	2	1/6
GW 94 237	300 mA	16 A	230 V	2	1/6
GW 94 238	300 mA	20 A	230 V	2	1/6
GW 94 239	300 mA	25 A	230 V	2	1/6
GW 94 240	300 mA	32 A	230 V	2	1/6
No. of POLES: 3P					
GW 94 245	30 mA	6 A	230 - 400 V	3	1/4
GW 94 246	30 mA	10 A	230 - 400 V	3	1/4
GW 94 251	30 mA	13 A	230 - 400 V	3	1/4
GW 94 247	30 mA	16 A	230 - 400 V	3	1/4
GW 94 248	30 mA	20 A	230 - 400 V	3	1/4
GW 94 249	30 mA	25 A	230 - 400 V	3	1/4
GW 94 250	30 mA	32 A	230 - 400 V	3	1/4
GW 94 255	300 mA	6 A	230 - 400 V	3	1/4
GW 94 256	300 mA	10 A	230 - 400 V	3	1/4
GW 94 257	300 mA	16 A	230 - 400 V	3	1/4
GW 94 258	300 mA	20 A	230 - 400 V	3	1/4
GW 94 259	300 mA	25 A	230 - 400 V	3	1/4
GW 94 260	300 mA	32 A	230 - 400 V	3	1/4
No. of POLES: 4P					
GW 94 265	30 mA	6 A	230 - 400 V	4	1/2
GW 94 266	30 mA	10 A	230 - 400 V	4	1/2
GW 94 271	30 mA	13 A	230 - 400 V	4	1/2
GW 94 267	30 mA	16 A	230 - 400 V	4	1/2
GW 94 268	30 mA	20 A	230 - 400 V	4	1/2
GW 94 269	30 mA	25 A	230 - 400 V	4	1/2
GW 94 270	30 mA	32 A	230 - 400 V	4	1/2
GW 94 275	300 mA	6 A	230 - 400 V	4	1/2
GW 94 276	300 mA	10 A	230 - 400 V	4	1/2
GW 94 277	300 mA	16 A	230 - 400 V	4	1/2
GW 94 278	300 mA	20 A	230 - 400 V	4	1/2
GW 94 279	300 mA	25 A	230 - 400 V	4	1/2
GW 94 280	300 mA	32 A	230 - 400 V	4	1/2

90 RCD RANGE

①=May 2010

②=June 2010

③=September 2010

90 RCD RANGE

MODULAR DEVICES FOR RESIDUAL CURRENT PROTECTION

MDC 60 - AC TYPE - C CHARACTERISTIC - 6000 A (EN 61009-1) - 6 kA (EN 60947-2)

BREAKING CAPACITY 1P+N

230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	7,5 kA

BREAKING CAPACITY 2P

230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	7,5 kA

BREAKING CAPACITY 3-4P

230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	10 kA

BREAKING CAPACITY 3-4P

400V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	6 kA

GW94168



90 RCD RANGE

COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION

Code	I _{dn}	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. of poles: 1P+N					
GW 94 105	30 mA	6 A	230 V	2	1/6
GW 94 106	30 mA	10 A	230 V	2	1/6
GW 94 111	30 mA	13 A	230 V	2	1/6
GW 94 107	30 mA	16 A	230 V	2	1/6
GW 94 108	30 mA	20 A	230 V	2	1/6
GW 94 109	30 mA	25 A	230 V	2	1/6
GW 94 110	30 mA	32 A	230 V	2	1/6
GW 94 115	300 mA	6 A	230 V	2	1/6
GW 94 116	300 mA	10 A	230 V	2	1/6
GW 94 117	300 mA	16 A	230 V	2	1/6
GW 94 118	300 mA	20 A	230 V	2	1/6
GW 94 119	300 mA	25 A	230 V	2	1/6
GW 94 120	300 mA	32 A	230 V	2	1/6
No. of poles: 2P					
GW 94 125	30 mA	6 A	230 V	2	1/6
GW 94 126	30 mA	10 A	230 V	2	1/6
GW 94 131	30 mA	13 A	230 V	2	1/6
GW 94 127	30 mA	16 A	230 V	2	1/6
GW 94 128	30 mA	20 A	230 V	2	1/6
GW 94 129	30 mA	25 A	230 V	2	1/6
GW 94 130	30 mA	32 A	230 V	2	1/6
GW 94 135	300 mA	6 A	230 V	2	1/6
GW 94 136	300 mA	10 A	230 V	2	1/6
GW 94 137	300 mA	16 A	230 V	2	1/6
GW 94 138	300 mA	20 A	230 V	2	1/6
GW 94 139	300 mA	25 A	230 V	2	1/6
GW 94 140	300 mA	32 A	230 V	2	1/6
No. of poles: 3P					
GW 94 145	30 mA	6 A	230 - 400 V	3	1/4
GW 94 146	30 mA	10 A	230 - 400 V	3	1/4
GW 94 151	30 mA	13 A	230 - 400 V	3	1/4
GW 94 147	30 mA	16 A	230 - 400 V	3	1/4
GW 94 148	30 mA	20 A	230 - 400 V	3	1/4
GW 94 149	30 mA	25 A	230 - 400 V	3	1/4
GW 94 150	30 mA	32 A	230 - 400 V	3	1/4
GW 94 155	300 mA	6 A	230 - 400 V	3	1/4
GW 94 156	300 mA	10 A	230 - 400 V	3	1/4
GW 94 157	300 mA	16 A	230 - 400 V	3	1/4
GW 94 158	300 mA	20 A	230 - 400 V	3	1/4
GW 94 159	300 mA	25 A	230 - 400 V	3	1/4
GW 94 160	300 mA	32 A	230 - 400 V	3	1/4
No. of poles: 4P					
GW 94 165	30 mA	6 A	230 - 400 V	4	1/2
GW 94 166	30 mA	10 A	230 - 400 V	4	1/2
GW 94 171	30 mA	13 A	230 - 400 V	4	1/2
GW 94 167	30 mA	16 A	230 - 400 V	4	1/2
GW 94 168	30 mA	20 A	230 - 400 V	4	1/2
GW 94 169	30 mA	25 A	230 - 400 V	4	1/2
GW 94 170	30 mA	32 A	230 - 400 V	4	1/2
GW 94 175	300 mA	6 A	230 - 400 V	4	1/2
GW 94 176	300 mA	10 A	230 - 400 V	4	1/2
GW 94 177	300 mA	16 A	230 - 400 V	4	1/2
GW 94 178	300 mA	20 A	230 - 400 V	4	1/2
GW 94 179	300 mA	25 A	230 - 400 V	4	1/2
GW 94 180	300 mA	32 A	230 - 400 V	4	1/2

①=May 2010

②=June 2010

③=September 2010

MDC 60 - A TYPE - C CHARACTERISTIC - 6000 A (EN 61009-1) - 6 kA (EN 60947-2)

BREAKING CAPACITY 1P+N

230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	7,5 kA

BREAKING CAPACITY 2P

230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	7,5 kA

BREAKING CAPACITY 3-4P

230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	10 kA

BREAKING CAPACITY 3-4P

400V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	6 kA

GW94347



COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION

Code	I _{dn}	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. of POLES: 1P+N					
GW 94 305	30 mA	6 A	230 V	2	1/6
GW 94 306	30 mA	10 A	230 V	2	1/6
GW 94 311	30 mA	13 A	230 V	2	1/6
GW 94 307	30 mA	16 A	230 V	2	1/6
GW 94 308	30 mA	20 A	230 V	2	1/6
GW 94 309	30 mA	25 A	230 V	2	1/6
GW 94 310	30 mA	32 A	230 V	2	1/6
GW 94 315	300 mA	6 A	230 V	2	1/6
GW 94 316	300 mA	10 A	230 V	2	1/6
GW 94 317	300 mA	16 A	230 V	2	1/6
GW 94 318	300 mA	20 A	230 V	2	1/6
GW 94 319	300 mA	25 A	230 V	2	1/6
GW 94 320	300 mA	32 A	230 V	2	1/6
No. of POLES: 2P					
GW 94 325	30 mA	6 A	230 V	2	1/6
GW 94 326	30 mA	10 A	230 V	2	1/6
GW 94 331	30 mA	13 A	230 V	2	1/6
GW 94 327	30 mA	16 A	230 V	2	1/6
GW 94 328	30 mA	20 A	230 V	2	1/6
GW 94 329	30 mA	25 A	230 V	2	1/6
GW 94 330	30 mA	32 A	230 V	2	1/6
GW 94 335	300 mA	6 A	230 V	2	1/6
GW 94 336	300 mA	10 A	230 V	2	1/6
GW 94 337	300 mA	16 A	230 V	2	1/6
GW 94 338	300 mA	20 A	230 V	2	1/6
GW 94 339	300 mA	25 A	230 V	2	1/6
GW 94 340	300 mA	32 A	230 V	2	1/6
No. of POLES: 3P					
GW 94 345	30 mA	6 A	230 - 400 V	3	1/4
GW 94 346	30 mA	10 A	230 - 400 V	3	1/4
GW 94 351	30 mA	13 A	230 - 400 V	3	1/4
GW 94 347	30 mA	16 A	230 - 400 V	3	1/4
GW 94 348	30 mA	20 A	230 - 400 V	3	1/4
GW 94 349	30 mA	25 A	230 - 400 V	3	1/4
GW 94 350	30 mA	32 A	230 - 400 V	3	1/4
GW 94 355	300 mA	6 A	230 - 400 V	3	1/4
GW 94 356	300 mA	10 A	230 - 400 V	3	1/4
GW 94 357	300 mA	16 A	230 - 400 V	3	1/4
GW 94 358	300 mA	20 A	230 - 400 V	3	1/4
GW 94 359	300 mA	25 A	230 - 400 V	3	1/4
GW 94 360	300 mA	32 A	230 - 400 V	3	1/4
No. of POLES: 4P					
GW 94 365	30 mA	6 A	230 - 400 V	4	1/2
GW 94 366	30 mA	10 A	230 - 400 V	4	1/2
GW 94 371	30 mA	13 A	230 - 400 V	4	1/2
GW 94 367	30 mA	16 A	230 - 400 V	4	1/2
GW 94 368	30 mA	20 A	230 - 400 V	4	1/2
GW 94 369	30 mA	25 A	230 - 400 V	4	1/2
GW 94 370	30 mA	32 A	230 - 400 V	4	1/2
GW 94 375	300 mA	6 A	230 - 400 V	4	1/2
GW 94 376	300 mA	10 A	230 - 400 V	4	1/2
GW 94 377	300 mA	16 A	230 - 400 V	4	1/2
GW 94 378	300 mA	20 A	230 - 400 V	4	1/2
GW 94 379	300 mA	25 A	230 - 400 V	4	1/2
GW 94 380	300 mA	32 A	230 - 400 V	4	1/2

90 RCD RANGE

①=May 2010

②=June 2010

③=September 2010

90 RCD RANGE

MODULAR DEVICES FOR RESIDUAL CURRENT PROTECTION

MDC 60 - A TYPE - B CHARACTERISTIC - 6000 A (EN 61009-1) - 6 kA (EN 60947-2)

BREAKING CAPACITY 1P+N

230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	7,5 kA

BREAKING CAPACITY 2P

230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	7,5 kA

BREAKING CAPACITY 3-4P

230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	10 kA

BREAKING CAPACITY 3-4P

400V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	6000 A	6 kA

GW95 168



COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION

Code	I _{dn}	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. of poles: 1P+N					
GW 95 105	30 mA	6 A	230 V	2	1/6
GW 95 106	30 mA	10 A	230 V	2	1/6
GW 95 111	30 mA	13 A	230 V	2	1/6
GW 95 107	30 mA	16 A	230 V	2	1/6
GW 95 108	30 mA	20 A	230 V	2	1/6
GW 95 109	30 mA	25 A	230 V	2	1/6
GW 95 110	30 mA	32 A	230 V	2	1/6
GW 95 115	300 mA	6 A	230 V	2	1/6
GW 95 116	300 mA	10 A	230 V	2	1/6
GW 95 117	300 mA	16 A	230 V	2	1/6
GW 95 118	300 mA	20 A	230 V	2	1/6
GW 95 119	300 mA	25 A	230 V	2	1/6
GW 95 120	300 mA	32 A	230 V	2	1/6
No. of poles: 2P					
GW 95 125	30 mA	6 A	230 V	2	1/6
GW 95 126	30 mA	10 A	230 V	2	1/6
GW 95 131	30 mA	13 A	230 V	2	1/6
GW 95 127	30 mA	16 A	230 V	2	1/6
GW 95 128	30 mA	20 A	230 V	2	1/6
GW 95 129	30 mA	25 A	230 V	2	1/6
GW 95 130	30 mA	32 A	230 V	2	1/6
GW 95 135	300 mA	6 A	230 V	2	1/6
GW 95 136	300 mA	10 A	230 V	2	1/6
GW 95 137	300 mA	16 A	230 V	2	1/6
GW 95 138	300 mA	20 A	230 V	2	1/6
GW 95 139	300 mA	25 A	230 V	2	1/6
GW 95 140	300 mA	32 A	230 V	2	1/6
No. of poles: 3P					
GW 95 145	30 mA	6 A	230 - 400 V	3	1/4
GW 95 146	30 mA	10 A	230 - 400 V	3	1/4
GW 95 151	30 mA	13 A	230 - 400 V	3	1/4
GW 95 147	30 mA	16 A	230 - 400 V	3	1/4
GW 95 148	30 mA	20 A	230 - 400 V	3	1/4
GW 95 149	30 mA	25 A	230 - 400 V	3	1/4
GW 95 150	30 mA	32 A	230 - 400 V	3	1/4
GW 95 155	300 mA	6 A	230 - 400 V	3	1/4
GW 95 156	300 mA	10 A	230 - 400 V	3	1/4
GW 95 157	300 mA	16 A	230 - 400 V	3	1/4
GW 95 158	300 mA	20 A	230 - 400 V	3	1/4
GW 95 159	300 mA	25 A	230 - 400 V	3	1/4
GW 95 160	300 mA	32 A	230 - 400 V	3	1/4
No. of poles: 4P					
GW 95 165	30 mA	6 A	230 - 400 V	4	1/2
GW 95 166	30 mA	10 A	230 - 400 V	4	1/2
GW 95 171	30 mA	13 A	230 - 400 V	4	1/2
GW 95 167	30 mA	16 A	230 - 400 V	4	1/2
GW 95 168	30 mA	20 A	230 - 400 V	4	1/2
GW 95 169	30 mA	25 A	230 - 400 V	4	1/2
GW 95 170	30 mA	32 A	230 - 400 V	4	1/2
GW 95 175	300 mA	6 A	230 - 400 V	4	1/2
GW 95 176	300 mA	10 A	230 - 400 V	4	1/2
GW 95 177	300 mA	16 A	230 - 400 V	4	1/2
GW 95 178	300 mA	20 A	230 - 400 V	4	1/2
GW 95 179	300 mA	25 A	230 - 400 V	4	1/2
GW 95 180	300 mA	32 A	230 - 400 V	4	1/2

90 RCD RANGE

①=May 2010

②=June 2010

③=September 2010

MDC 100 - AC TYPE - C CHARACTERISTIC - 10000 A (EN 61009-1) - 10 kA (EN 60947-2)

BREAKING CAPACITY 1P+N-2P		
230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	10000 A	10 kA

GW95027



COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION

Code	I _{dn}	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. of POLES: 1P+N					
GW 95 005	30 mA	6 A	230 V	2	1/6
GW 95 006	30 mA	10 A	230 V	2	1/6
GW 95 011	30 mA	13 A	230 V	2	1/6
GW 95 007	30 mA	16 A	230 V	2	1/6
GW 95 008	30 mA	20 A	230 V	2	1/6
GW 95 009	30 mA	25 A	230 V	2	1/6
GW 95 010	30 mA	32 A	230 V	2	1/6
GW 95 015	300 mA	6 A	230 V	2	1/6
GW 95 016	300 mA	10 A	230 V	2	1/6
GW 95 017	300 mA	16 A	230 V	2	1/6
GW 95 018	300 mA	20 A	230 V	2	1/6
GW 95 019	300 mA	25 A	230 V	2	1/6
GW 95 020	300 mA	32 A	230 V	2	1/6
No. of POLES: 2P					
GW 95 025	30 mA	6 A	230 V	2	1/6
GW 95 026	30 mA	10 A	230 V	2	1/6
GW 95 031	30 mA	13 A	230 V	2	1/6
GW 95 027	30 mA	16 A	230 V	2	1/6
GW 95 028	30 mA	20 A	230 V	2	1/6
GW 95 029	30 mA	25 A	230 V	2	1/6
GW 95 030	30 mA	32 A	230 V	2	1/6
GW 95 035	300 mA	6 A	230 V	2	1/6
GW 95 036	300 mA	10 A	230 V	2	1/6
GW 95 037	300 mA	16 A	230 V	2	1/6
GW 95 038	300 mA	20 A	230 V	2	1/6
GW 95 039	300 mA	25 A	230 V	2	1/6
GW 95 040	300 mA	32 A	230 V	2	1/6

NOTE: 2P circuit breakers working at 110V are available upon request.

90 RCD RANGE

90 RCD RANGE

MODULAR DEVICES FOR RESIDUAL CURRENT PROTECTION

MDC 100 - A TYPE - C CHARACTERISTIC - 10000 A (EN 61009-1) - 10 kA (EN 60947-2)

BREAKING CAPACITY 1P+N-2P		
230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	10000 A	10 kA

GW95227



COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION

Code	I _{dn}	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. OF POLES: 1P+N					
GW 95 205	30 mA	6 A	230 V	2	1/6
GW 95 206	30 mA	10 A	230 V	2	1/6
GW 95 211	30 mA	13 A	230 V	2	1/6
GW 95 207	30 mA	16 A	230 V	2	1/6
GW 95 208	30 mA	20 A	230 V	2	1/6
GW 95 209	30 mA	25 A	230 V	2	1/6
GW 95 210	30 mA	32 A	230 V	2	1/6
GW 95 215	300 mA	6 A	230 V	2	1/6
GW 95 216	300 mA	10 A	230 V	2	1/6
GW 95 217	300 mA	16 A	230 V	2	1/6
GW 95 218	300 mA	20 A	230 V	2	1/6
GW 95 219	300 mA	25 A	230 V	2	1/6
GW 95 220	300 mA	32 A	230 V	2	1/6
No. OF POLES: 2P					
GW 95 225	30 mA	6 A	230 V	2	1/6
GW 95 226	30 mA	10 A	230 V	2	1/6
GW 95 231	30 mA	13 A	230 V	2	1/6
GW 95 227	30 mA	16 A	230 V	2	1/6
GW 95 228	30 mA	20 A	230 V	2	1/6
GW 95 229	30 mA	25 A	230 V	2	1/6
GW 95 230	30 mA	32 A	230 V	2	1/6
GW 95 235	300 mA	6 A	230 V	2	1/6
GW 95 236	300 mA	10 A	230 V	2	1/6
GW 95 237	300 mA	16 A	230 V	2	1/6
GW 95 238	300 mA	20 A	230 V	2	1/6
GW 95 239	300 mA	25 A	230 V	2	1/6
GW 95 240	300 mA	32 A	230 V	2	1/6

NOTES: 2 poles circuit breakers working at 110V available upon request.

MDC 100 - A TYPE - B CHARACTERISTIC - 10000 A (EN 61009-1) - 10 kA (EN 60947-2)

BREAKING CAPACITY 2P		
230V	EN61009-1 Icn	EN60947-2 Icu
In=6÷32 A	10000 A	10 kA

GW95327



COMPACT RESIDUAL CURRENT CIRCUIT BREAKERS WITH OVERCURRENT PROTECTION

Code	I _{dn}	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. OF POLES: 2P					
GW 95 325	30 mA	6 A	230 V	2	1/6
GW 95 326	30 mA	10 A	230 V	2	1/6
GW 95 331	30 mA	13 A	230 V	2	1/6
GW 95 327	30 mA	16 A	230 V	2	1/6
GW 95 328	30 mA	20 A	230 V	2	1/6
GW 95 329	30 mA	25 A	230 V	2	1/6
GW 95 330	30 mA	32 A	230 V	2	1/6
GW 95 335	300 mA	6 A	230 V	2	1/6
GW 95 336	300 mA	10 A	230 V	2	1/6
GW 95 337	300 mA	16 A	230 V	2	1/6
GW 95 338	300 mA	20 A	230 V	2	1/6
GW 95 339	300 mA	25 A	230 V	2	1/6
GW 95 340	300 mA	32 A	230 V	2	1/6

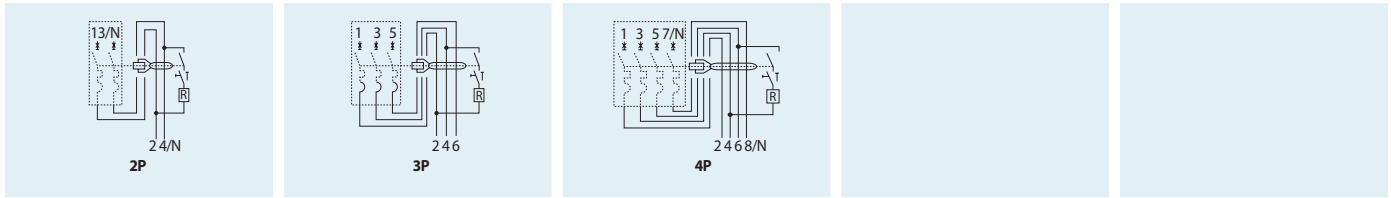
NOTES: 2 poles circuit breakers working at 110V available upon request.

①=May 2010

②=June 2010

③=September 2010

BD - ADD-ON RESIDUAL CURRENT DEVICES FOR MT CIRCUIT BREAKERS



BD - AC TYPE (INSTANTANEOUS)

GW94401



ADD-ON RESIDUAL CURRENT DEVICES

Code	Idn	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. of POLES: 2P					
GW 94 401	10 mA	25 A	230 - 400 V	2	1/2
GW 94 402	30 mA	25 A	230 - 400 V	2	1/2
GW 94 403	300 mA	25 A	230 - 400 V	2	1/2
GW 94 404	500 mA	25 A	230 - 400 V	2	1/2
GW 94 412	30 mA	63 A	230 - 400 V	2	1/2
GW 94 413	300 mA	63 A	230 - 400 V	2	1/2
GW 94 414	500 mA	63 A	230 - 400 V	2	1/2
No. of POLES: 3P					
GW 94 442	30 mA	25 A	230 - 400 V	3.5	1/2
GW 94 443	300 mA	25 A	230 - 400 V	3.5	1/2
GW 94 444	500 mA	25 A	230 - 400 V	3.5	1/2
GW 94 448	30 mA	63 A	230 - 400 V	3.5	1/2
GW 94 449	300 mA	63 A	230 - 400 V	3.5	1/2
GW 94 450	500 mA	63 A	230 - 400 V	3.5	1/2
No. of POLES: 4P					
GW 94 422	30 mA	25 A	230 - 400 V	3.5	1/2
GW 94 423	300 mA	25 A	230 - 400 V	3.5	1/2
GW 94 424	500 mA	25 A	230 - 400 V	3.5	1/2
GW 94 432	30 mA	63 A	230 - 400 V	3.5	1/2
GW 94 433	300 mA	63 A	230 - 400 V	3.5	1/2
GW 94 434	500 mA	63 A	230 - 400 V	3.5	1/2

BD - A TYPE (INSTANTANEOUS)

GW94502



ADD-ON RESIDUAL CURRENT DEVICES

Code	Idn	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. of POLES: 2P					
GW 94 502	30 mA	25 A	230 - 400 V	2	1/2
GW 94 503	300 mA	25 A	230 - 400 V	2	1/2
GW 94 504	500 mA	25 A	230 - 400 V	2	1/2
GW 94 512	30 mA	63 A	230 - 400 V	2	1/2
GW 94 513	300 mA	63 A	230 - 400 V	2	1/2
GW 94 514	500 mA	63 A	230 - 400 V	2	1/2
No. of POLES: 3P					
GW 94 542	30 mA	25 A	230 - 400 V	3.5	1/2
GW 94 543	300 mA	25 A	230 - 400 V	3.5	1/2
GW 94 544	500 mA	25 A	230 - 400 V	3.5	1/2
GW 94 547	30 mA	63 A	230 - 400 V	3.5	1/2
GW 94 548	300 mA	63 A	230 - 400 V	3.5	1/2
GW 94 549	500 mA	63 A	230 - 400 V	3.5	1/2
No. of POLES: 4P					
GW 94 522	30 mA	25 A	230 - 400 V	3.5	1/2
GW 94 523	300 mA	25 A	230 - 400 V	3.5	1/2
GW 94 524	500 mA	25 A	230 - 400 V	3.5	1/2
GW 94 532	30 mA	63 A	230 - 400 V	3.5	1/2
GW 94 533	300 mA	63 A	230 - 400 V	3.5	1/2
GW 94 534	500 mA	63 A	230 - 400 V	3.5	1/2

90 RCD RANGE

MODULAR DEVICES FOR RESIDUAL CURRENT PROTECTION

BD - A[S] TYPE (SELECTIVE)

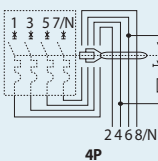
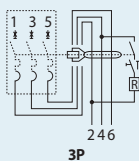
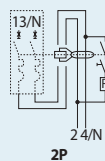
GW94563



ADD-ON RESIDUAL CURRENT DEVICES

Code	I _{dn}	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. of POLES: 2P					
GW 94 563	300 mA	63 A	230 - 400 V	2	1/2
GW 94 565	1000 mA	63 A	230 - 400 V	2	1/2
No. of POLES: 3P					
GW 94 598	300 mA	63 A	230 - 400 V	3.5	1/2
GW 94 600	1000 mA	63 A	230 - 400 V	3.5	1/2
No. of POLES: 4P					
GW 94 583	300 mA	63 A	230 - 400 V	3.5	1/2
GW 94 585	1000 mA	63 A	230 - 400 V	3.5	1/2

BDHP - ADD-ON RESIDUAL CURRENT DEVICES FOR MTHP CIRCUIT BREAKERS



BDHP - AC TYPE (INSTANTANEOUS)

GW95411



ADD-ON RESIDUAL CURRENT DEVICES

Code	I _{dn}	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. of POLES: 2P					
GW 95 401	30 mA	63 A	230 - 400 V	4	1/2
GW 95 402	100 mA	63 A	230 - 400 V	4	1/2
GW 95 403	300 mA	63 A	230 - 400 V	4	1/2
GW 95 406	30 mA	125 A	230 - 400 V	4	1/2
GW 95 407	100 mA	125 A	230 - 400 V	4	1/2
GW 95 408	300 mA	125 A	230 - 400 V	4	1/2
No. of POLES: 3P					
GW 95 411	30 mA	63 A	230 - 400 V	6	1/2
GW 95 412	100 mA	63 A	230 - 400 V	6	1/2
GW 95 413	300 mA	63 A	230 - 400 V	6	1/2
GW 95 416	30 mA	125 A	230 - 400 V	6	1/2
GW 95 417	100 mA	125 A	230 - 400 V	6	1/2
GW 95 418	300 mA	125 A	230 - 400 V	6	1/2
No. of POLES: 4P					
GW 95 421	30 mA	63 A	230 - 400 V	6	1/2
GW 95 422	100 mA	63 A	230 - 400 V	6	1/2
GW 95 423	300 mA	63 A	230 - 400 V	6	1/2
GW 95 426	30 mA	125 A	230 - 400 V	6	1/2
GW 95 427	100 mA	125 A	230 - 400 V	6	1/2
GW 95 428	300 mA	125 A	230 - 400 V	6	1/2

①=May 2010

②=June 2010

③=September 2010

BDHP - A TYPE (INSTANTANEOUS)

GW95441



ADD-ON RESIDUAL CURRENT DEVICES						
Code	Idn	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.	
No. of poles: 2P						
GW 95 431	30 mA	63 A	230 - 400 V	4	1/2	
GW 95 432	100 mA	63 A	230 - 400 V	4	1/2	
GW 95 433	300 mA	63 A	230 - 400 V	4	1/2	
GW 95 436	30 mA	125 A	230 - 400 V	4	1/2	
GW 95 437	100 mA	125 A	230 - 400 V	4	1/2	
GW 95 438	300 mA	125 A	230 - 400 V	4	1/2	
No. of poles: 3P						
GW 95 441	30 mA	63 A	230 - 400 V	6	1/2	
GW 95 442	100 mA	63 A	230 - 400 V	6	1/2	
GW 95 443	300 mA	63 A	230 - 400 V	6	1/2	
GW 95 446	30 mA	125 A	230 - 400 V	6	1/2	
GW 95 447	100 mA	125 A	230 - 400 V	6	1/2	
GW 95 448	300 mA	125 A	230 - 400 V	6	1/2	
No. of poles: 4P						
GW 95 451	30 mA	63 A	230 - 400 V	6	1/2	
GW 95 452	100 mA	63 A	230 - 400 V	6	1/2	
GW 95 453	300 mA	63 A	230 - 400 V	6	1/2	
GW 95 456	30 mA	125 A	230 - 400 V	6	1/2	
GW 95 457	100 mA	125 A	230 - 400 V	6	1/2	
GW 95 458	300 mA	125 A	230 - 400 V	6	1/2	

BDHP - A[S] TYPE (SELECTIVE)

GW95473



ADD-ON RESIDUAL CURRENT DEVICES						
Code	Idn	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.	
No. of poles: 2P						
GW 95 463	300 mA	63 A	230 - 400 V	4	1/2	
GW 95 465	1000 mA	63 A	230 - 400 V	4	1/2	
GW 95 468	300 mA	125 A	230 - 400 V	4	1/2	
GW 95 470	1000 mA	125 A	230 - 400 V	4	1/2	
No. of poles: 3P						
GW 95 473	300 mA	63 A	230 - 400 V	6	1/2	
GW 95 475	1000 mA	63 A	230 - 400 V	6	1/2	
GW 95 478	300 mA	125 A	230 - 400 V	6	1/2	
GW 95 480	1000 mA	125 A	230 - 400 V	6	1/2	
No. of poles: 4P						
GW 95 483	300 mA	63 A	230 - 400 V	6	1/2	
GW 95 485	1000 mA	63 A	230 - 400 V	6	1/2	
GW 95 488	300 mA	125 A	230 - 400 V	6	1/2	
GW 95 490	1000 mA	125 A	230 - 400 V	6	1/2	

BDHP - A TYPE (ADJUSTABLE)

GW95512



ADD-ON RESIDUAL CURRENT DEVICES						
Code	Idn	Time	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. of poles: 4P						
GW 95 511	300 - 3000 mA	0 - 150 ms	63 A	230 - 400 V	6	1/2
GW 95 512	300 - 3000 mA	0 - 150 ms	125 A	230 - 400 V	6	1/2

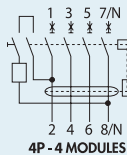
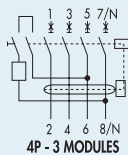
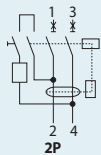
CHARACTERISTICS: Idn: adjustable 300-500-1000-3000 mA; adjustable tripping time 0-60-150 ms.

90 RCD RANGE

90 RCD RANGE

MODULAR DEVICES FOR RESIDUAL CURRENT PROTECTION

SD - RESIDUAL CURRENT CIRCUIT BREAKERS



SD - AC TYPE (INSTANTANEOUS)

90 RCD RANGE

GW94627



RESIDUAL CURRENT CIRCUIT BREAKERS

Code	Idn	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. OF POLES: 2P					
GW 94 616	10 mA	25 A	230 V	2	1/4
GW 94 617	30 mA	25 A	230 V	2	1/4
GW 94 618	100 mA	25 A	230 V	2	1/4
GW 94 619	300 mA	25 A	230 V	2	1/4
GW 94 627	30 mA	40 A	230 V	2	1/4
GW 94 628	100 mA	40 A	230 V	2	1/4
GW 94 629	300 mA	40 A	230 V	2	1/4
GW 94 630	500 mA	40 A	230 V	2	1/4
GW 94 790	30 mA	63 A	230 V	2	1/4
GW 94 791	100 mA	63 A	230 V	2	1/4
GW 94 792	300 mA	63 A	230 V	2	1/4
GW 94 789	500 mA	63 A	230 V	2	1/4
GW 94 793	30 mA	80 A	230 V	2	1/4
GW 94 794	100 mA	80 A	230 V	2	1/4
GW 94 795	300 mA	80 A	230 V	2	1/4
GW 94 656	30 mA	100 A	230 V	2	1/4
GW 94 657	100 mA	100 A	230 V	2	1/4
GW 94 658	300 mA	100 A	230 V	2	1/4
No. OF POLES: 4P					
GW 94 662	30 mA	25 A	230 - 400 V	3	1/4
GW 94 664	300 mA	25 A	230 - 400 V	3	1/4
GW 94 667	30 mA	40 A	230 - 400 V	3	1/4
GW 94 668	100 mA	40 A	230 - 400 V	3	1/4
GW 94 669	300 mA	40 A	230 - 400 V	3	1/4
GW 94 670	500 mA	40 A	230 - 400 V	3	1/4
GW 94 697	30 mA	25 A	230 - 400 V	4	1/2
GW 94 698	100 mA	25 A	230 - 400 V	4	1/2
GW 94 699	300 mA	25 A	230 - 400 V	4	1/2
GW 94 707	30 mA	40 A	230 - 400 V	4	1/2
GW 94 708	100 mA	40 A	230 - 400 V	4	1/2
GW 94 709	300 mA	40 A	230 - 400 V	4	1/2
GW 94 710	500 mA	40 A	230 - 400 V	4	1/2
GW 94 757	30 mA	63 A	230 - 400 V	4	1/2
GW 94 758	100 mA	63 A	230 - 400 V	4	1/2
GW 94 759	300 mA	63 A	230 - 400 V	4	1/2
GW 94 760	500 mA	63 A	230 - 400 V	4	1/2
GW 94 761	30 mA	80 A	230 - 400 V	4	1/2
GW 94 771	100 mA	80 A	230 - 400 V	4	1/2
GW 94 766	300 mA	80 A	230 - 400 V	4	1/2
GW 94 777	30 mA	100 A	230 - 400 V	4	1/2
GW 94 778	100 mA	100 A	230 - 400 V	4	1/2
GW 94 779	300 mA	100 A	230 - 400 V	4	1/2
GW 94 780	500 mA	100 A	230 - 400 V	4	1/2
GW 95 601	30 mA	125 A	230 - 400 V	4	1/2
GW 95 603	300 mA	125 A	230 - 400 V	4	1/2
GW 95 604	500 mA	125 A	230 - 400 V	4	1/2

①=May 2010

②=June 2010

③=September 2010

(CONTINUE)					
RESIDUAL CURRENT CIRCUIT BREAKERS					
Code	I_{dn}	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. of poles: 4P (N-CONDUCTOR LEFT)					
GW 94 637	30 mA	25 A	230 - 400 V	4	1/2
GW 94 639	300 mA	25 A	230 - 400 V	4	1/2
GW 94 647	30 mA	40 A	230 - 400 V	4	1/2
GW 94 649	300 mA	40 A	230 - 400 V	4	1/2
GW 94 717	30 mA	63 A	230 - 400 V	4	1/2
GW 94 719	300 mA	63 A	230 - 400 V	4	1/2
GW 94 727	30 mA	80 A	230 - 400 V	4	1/2
GW 94 728	300 mA	80 A	230 - 400 V	4	1/2
GW 94 737	30 mA	100 A	230 - 400 V	4	1/2
GW 94 739	300 mA	100 A	230 - 400 V	4	1/2

90 RCD RANGE

MODULAR DEVICES FOR RESIDUAL CURRENT PROTECTION

SD - A TYPE (INSTANTANEOUS)

GW94827



90 RCD RANGE

RESIDUAL CURRENT CIRCUIT BREAKERS					
Code	Idn	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. of POLES: 2P					
GW 94 816	10 mA	25 A	230 V	2	1/4
GW 94 817	30 mA	25 A	230 V	2	1/4
GW 94 818	100 mA	25 A	230 V	2	1/4
GW 94 819	300 mA	25 A	230 V	2	1/4
GW 94 827	30 mA	40 A	230 V	2	1/4
GW 94 828	100 mA	40 A	230 V	2	1/4
GW 94 829	300 mA	40 A	230 V	2	1/4
GW 94 830	500 mA	40 A	230 V	2	1/4
GW 94 837	30 mA	63 A	230 V	2	1/4
GW 94 838	100 mA	63 A	230 V	2	1/4
GW 94 839	300 mA	63 A	230 V	2	1/4
GW 94 840	500 mA	63 A	230 V	2	1/4
GW 94 847	30 mA	80 A	230 V	2	1/4
GW 94 848	100 mA	80 A	230 V	2	1/4
GW 94 849	300 mA	80 A	230 V	2	1/4
GW 94 856	30 mA	100 A	230 V	2	1/4
GW 94 858	300 mA	100 A	230 V	2	1/4
No. of POLES: 4P					
GW 94 866	10 mA	25 A	230 - 400 V	3	1/4
GW 94 867	30 mA	25 A	230 - 400 V	3	1/4
GW 94 869	300 mA	25 A	230 - 400 V	3	1/4
GW 94 885	30 mA	40 A	110 - 230 V	3	1/4
GW 94 897	30 mA	40 A	230 - 400 V	3	1/4
GW 94 898	100 mA	40 A	230 - 400 V	3	1/4
GW 94 899	300 mA	40 A	230 - 400 V	3	1/4
GW 94 900	500 mA	40 A	230 - 400 V	3	1/4
GW 94 877	30 mA	25 A	230 - 400 V	4	1/2
GW 94 878	100 mA	25 A	230 - 400 V	4	1/2
GW 94 879	300 mA	25 A	230 - 400 V	4	1/2
GW 94 927	30 mA	40 A	230 - 400 V	4	1/2
GW 94 928	100 mA	40 A	230 - 400 V	4	1/2
GW 94 929	300 mA	40 A	230 - 400 V	4	1/2
GW 94 930	500 mA	40 A	230 - 400 V	4	1/2
GW 94 937	30 mA	63 A	230 - 400 V	4	1/2
GW 94 938	100 mA	63 A	230 - 400 V	4	1/2
GW 94 939	300 mA	63 A	230 - 400 V	4	1/2
GW 94 940	500 mA	63 A	230 - 400 V	4	1/2
GW 94 947	30 mA	80 A	230 - 400 V	4	1/2
GW 94 948	100 mA	80 A	230 - 400 V	4	1/2
GW 94 949	300 mA	80 A	230 - 400 V	4	1/2
GW 94 957	30 mA	100 A	230 - 400 V	4	1/2
GW 94 958	100 mA	100 A	230 - 400 V	4	1/2
GW 94 959	300 mA	100 A	230 - 400 V	4	1/2
GW 94 960	500 mA	100 A	230 - 400 V	4	1/2
GW 95 606	30 mA	125 A	230 - 400 V	4	1/2
GW 95 608	300 mA	125 A	230 - 400 V	4	1/2
GW 95 609	500 mA	125 A	230 - 400 V	4	1/2
No. of POLES: 4P (N-CONDUCTOR LEFT)					
GW 94 552	30 mA	25 A	230 - 400 V	4	1/2
GW 94 554	300 mA	25 A	230 - 400 V	4	1/2
GW 94 557	30 mA	40 A	230 - 400 V	4	1/2
GW 94 559	300 mA	40 A	230 - 400 V	4	1/2
GW 94 907	30 mA	63 A	230 - 400 V	4	1/2
GW 94 909	300 mA	63 A	230 - 400 V	4	1/2

①=May 2010

②=June 2010

③=September 2010

SD - A[IR] TYPE (IMPULSE RESISTANT)

GW95686



RESIDUAL CURRENT CIRCUIT BREAKERS



Code	I _{dn}	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. OF POLES: 2P					
GW 95 651	30 mA	25 A	230 V	2	1/4
GW 95 656	30 mA	40 A	230 V	2	1/4
GW 95 661	30 mA	63 A	230 V	2	1/4
GW 95 671	30 mA	100 A	230 V	2	1/4
No. OF POLES: 4P					
GW 95 676	30 mA	25 A	230 - 400 V	4	1/2
GW 95 678	300 mA	25 A	230 - 400 V	4	1/2
GW 95 681	30 mA	40 A	230 - 400 V	4	1/2
GW 95 683	300 mA	40 A	230 - 400 V	4	1/2
GW 95 686	30 mA	63 A	230 - 400 V	4	1/2
GW 95 688	300 mA	63 A	230 - 400 V	4	1/2
GW 95 696	30 mA	100 A	230 - 400 V	4	1/2
GW 95 698	300 mA	100 A	230 - 400 V	4	1/2

SD - A[S] TYPE (SELECTIVE)

GW94976



RESIDUAL CURRENT CIRCUIT BREAKERS

Code	I _{dn}	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. OF POLES: 2P					
GW 94 924	300 mA	40 A	230 V	2	1/4
GW 94 934	300 mA	63 A	230 V	2	1/4
GW 94 944	300 mA	80 A	230 V	2	1/4
GW 94 954	300 mA	100 A	230 V	2	1/4
No. OF POLES: 4P					
GW 94 966	300 mA	40 A	230 - 400 V	4	1/2
GW 94 976	300 mA	63 A	230 - 400 V	4	1/2
GW 94 986	300 mA	80 A	230 - 400 V	4	1/2
GW 94 996	300 mA	100 A	230 - 400 V	4	1/2

LOCAL RESIDUAL CURRENT PROTECTION DEVICES

SAFETY SOCKETS WITH RESIDUAL CURRENT PROTECTION

GW95921



FLUSH MOUNTING RCD SAFETY SOCKET - TYPE A - COLOUR POLAR WHITE - IP21

Code	I _{dn}	Rated current	Rated voltage	Pack. Carton.
GW 95 921	10 mA	16 A	230 V	1/2
GW 95 922	30 mA	16 A	230 V	1/2

GW95924



FLUSH MOUNTING RCD SAFETY SOCKET - TYPE A - COLOUR POLAR WHITE - WATER PROTECTED VERSION IP44

Code	I _{dn}	Rated current	Rated voltage	Pack. Carton.
GW 95 923	10 mA	16 A	230 V	1/2
GW 95 924	30 mA	16 A	230 V	1/2

GW95925



FLUSH-MOUNTING RCD SAFETY UNIT - TYPE A - COLOUR POLAR WHITE - IP41

Code	I _{dn}	Rated current	Rated voltage	Pack. Carton.
GW 95 925	10 mA	16 A	230 V	1/2
GW 95 926	30 mA	16 A	230 V	1/2

GW95928



WALL MOUNTING HOUSING FOR RCD SAFETY SOCKETS AND UNITS

Code	Description	Suitable for	Colour	Pack. Carton.
GW 95 928	Housing	IP44 sockets	Polar white	5/100

①=May 2010

②=June 2010

③=September 2010

90 AM range

Modular accessories

The 90 AM Range, besides the auxiliaries of the circuit breakers, common to the whole 90 MCB and MDC Range, is made up of numerous modular accessories useful for:

- **Protection** (disconnectable fuse-holders, motor protection switches, voltage surge limiters, etc.).
- **Control** (switch disconnectors, contactors, load management relays, etc.).
- **Programming** (timer switches, light-sensitive circuit breakers, etc.).
- **Measurement** (energy meters, ammeters, voltmeters, etc.).
- **Signalling** (push-buttons, indicator lamps, bells, transformers).



AUXILIARIES AND ACCESSORIES FOR MODULAR CIRCUIT BREAKERS

ELECTRICAL AUXILIARIES FOR CIRCUIT BREAKERS MTC / MT / MTHP / MDC

GW96001



AUXILIARY CONTACT

Code	Contact rating in ac	Contact rating in DC	Contact rating in DC	Type of contacts	No. of modules EN 50022	Pack. Carton.
GW 96 001	6A(230V) 3A(400V)	6A(24V) 2A(60V)	1,5A(110V) 1A(250V)	1 changeover	0.5	1/16

APPLICATIONS: signals the position of circuit breaker contacts, when manually open or tripped.

GW96006



FAULT INDICATOR SWITCH

Code	Contact rating in ac	Contact rating in DC	Contact rating in DC	Type of contacts	No. of modules EN 50022	Pack. Carton.
GW 96 006	6A(230V) 3A(400V)	6A(24V) 2A(60V)	1,5A(110V) 1A(250V)	1 changeover	0.5	1/16

APPLICATIONS: indicates the automatic trip of the circuit breaker caused by overloading, shortcircuiting or earth leakage
In the case of manual manoeuvring the contact don't change its position.

90 AM RANGE

GW96009



ADJUSTABLE AUXILIARY CONTACT OR FAULT INDICATOR SWITCH

Code	Contact rating in ac	Contact rating in DC	Contact rating in DC	Type of contacts	No. of modules EN 50022	Pack. Carton.
GW 96 009	6A(230V) 3A(400V)	6A(24V) 2A(60V)	1,5A(110V) 1A(250V)	1 changeover	0.5	1/16

APPLICATIONS: the frontal selector offers 2 separate functions: signalling of automatic trip of the circuit breaker (fault indicator switch) and indication of the circuit breaker contact position (auxiliary contact).

GW96012



SHUNT TRIP RELEASES

Code	Rated voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 011	12-48 AC/DC	1	1/8
GW 96 012	110-125 DC 110-415 AC	1	1/8

APPLICATIONS: used for the remote trip of the coupled circuit breaker.

CHARACTERISTICS: minimum operating voltage: 0.7 Vn min. Maximum operating voltage: 1.1 Vn max.

GW96016



UNDER VOLTAGE RELEASES (DELAYED)

Code	Rated voltage (V)	Current consumption	No. of modules EN 50022	Pack. Carton.
GW 96 016	230 AC	10 mA	1	1/8
GW 96 017	24 AC/DC	10 mA	1	1/8
GW 96 018	48 AC/DC	10 mA	1	1/8

APPLICATIONS: constantly controls the effective value of the voltage, and opens the coupled circuit breaker when the voltage drops below its minimum value.
The tripping delay of 300ms avoid inappropriate trip of the circuit breaker protection for micro-interruptions of the energy supply.

ACCESSORIES FOR MTC / MT / MTHP / MDC

GW96022



SEALABLE SCREW CAPS

Code	Suitable for	No. of pieces per module	Pack. Carton.
GW 96 022	MTC / MT / MDC	2	10/100
GW 96 026	MTHP / BDHP	2	10/100

APPLICATIONS: allows for sealing of terminal screws, preventing access to cable connections.

GW96041



INTERLOCK FACILITY

Code	Suitable for	Suitable for	No. of pieces per device	Pack. Carton.
GW 96 041	MTC/MT/MTHP/MDC	Disc/On-Off/Lever Switches	1	10/100

APPLICATIONS: to lock the control lever in "ON" or "OFF" positions. For locks of max Ø 8 mm.

GW96042



POLE SEPARATOR

Code	Suitable for	Pack. Carton.
GW 96 042	MT / MDC	10/100

ELECTRICAL AUXILIARIES FOR SD RESIDUAL CURRENT CIRCUIT BREAKERS - 4 POLES

GW96003



AUXILIARY CONTACTS

Code	Suitable for	Contact rating in ac	Contact rating in DC	Type of contacts	No. of modules EN 50022	Pack. Carton.
GW 96 003	SD 25A - 100A	6A(230V) 2A(400V)	4A(24V) 1A(110V)	1 NO - 1 NC	0.5	1/12
GW 96 005	SD 125A	5A(230V) 0,5A(400V)		1 NO - 1 NC	0.5	1/12

APPLICATIONS: signals the position of circuit breaker contacts, when manually open or tripped.

NOTE: the auxiliary contact GW96003 cannot be used with 2P 2 modules RCCB's.

GW96004



FAULT INDICATOR SWITCH

Code	Suitable for	Contact rating in ac	Contact rating in DC	Type of contacts	No. of modules EN 50022	Pack. Carton.
GW 96 004	SD 25A - 100A	6A(230V) 2A(400V)	4A(24V) 1A(110V)	1 NO - 1 NC	0.5	1/12

APPLICATIONS: indicates the automatic trip of the circuit breaker due to an earth leakage.

In the event of manual manoeuvring, it does not indicate the change of position of the contacts.

NOTES: cannot be used with 2P 2 modules RCCB's.

GW96015



SHUNT TRIP RELEASE

Code	Suitable for	Rated voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 015	SD 25A - 100A	230 AC	0.5	1/12

APPLICATIONS: used for the remote trip of the coupled circuit breaker

NOTES: cannot be used with 2P 2 modules RCCB's.

ACCESSORIES FOR RESIDUAL CURRENT CIRCUIT BREAKERS - SD

GW96036



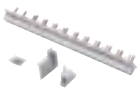
SEALABLE SCREW CAPS

Code	Suitable for	Pack. Carton.
GW 96 036	SD 2P - 2 modules	2/100
GW 96 038	SD 4P - 3 modules	10/100
GW 96 039	SD 4P - 4 modules	10/100

BUSBARS AND WIRING COMPONENTS

MONOBLOC BUSBARS

GW96504



MONOBLOC BUSBAR 2P

Code	Type of main	Type of outgoing	Rated current	Pack. Carton.
LENGTH: 12 MODULES				
GW 96 504	SD/MDC/MT 2P	10 MTC 1P+N, 2P	63 A	1/10

ACCESSORIES SUPPLIED: closing plug (to be used only if the busbar is cut); sealable screw caps for SD; adhesive indicating presence of voltage.

BUSBARS FOR MINIATURE CIRCUIT BREAKERS MTC

GW96500



UNIPOLAR PIN BUSBAR FOR MTC (1P, 1P+N, 2P)

Code	Type	Colour	Rated current	Pack. Carton.
LENGTH: 13 MODULES				
GW 96 500	1P	Grey	63 A	1/25
GW 96 501	1P	Blue	63 A	1/25
LENGTH: 1 METRE				
GW 96 988	1P	White	63 A	50

INSULATED CONNECTION TERMINAL FOR MTC PIN BUSBAR

Code	Suitable for	Conductors section (mm ²)	Pack. Carton.
GW 96 503	1P busbar for MTC	6 - 25	1/50

GW96503



BUSBARS FOR CIRCUIT BREAKERS MT / MDC / SD

GW96984



PIN BUSBARS

Code	Type	Rated current	Pack. Carton.
LENGTH: 12 MODULES			
GW 96 984	1P	63 A	50
GW 96 985	2P	63 A	25
GW 96 986	3P	63 A	25
GW 96 987	4P	80 A	20
LENGTH: 1 METRE			
GW 96 988	1P	63 A	50
GW 96 989	2P	63 A	20
GW 96 990	3P	63 A	20
GW 96 991	4P	80 A	15

NOTE: 12 module versions complete with end caps

GW96992



FORK BUSBARS

Code	Type	Rated current	Pack. Carton.
LENGTH: 12 MODULES			
GW 96 992	1P	63 A	50
GW 96 993	2P	63 A	25
GW 96 994	3P	63 A	25
GW 96 995	4P	80 A	20
LENGTH: 1 METRE			
GW 96 996	1P	63 A	50
GW 96 997	2P	63 A	20
GW 96 998	3P	63 A	20
GW 96 999	4P	80 A	15

NOTE: 12 module versions complete with end caps

GW96969



FORK BUSBARS FOR SD 4P 3 MOD.

Code	Type	Type of main	Type of outgoing	Rated current	Pack. Carton.
LENGTH: 12 MODULES					
GW 96 969	3P	SD 4 poles 3 modules	Up to 9 MT 1P / 3 MT 3P	63 A	20

NOTE: complete with end caps

GW96962



INSULATED CONNECTION TERMINALS FOR PIN BUSBARS

Code	Type	Suitable for	Length (mm)	Conductors section (mm ²)	Pack. Carton.
GW 96 961	Short	1P, 2P, 3P busbar	14	25	50
GW 96 962	Long	4P busbar	27	25	50

GW96963



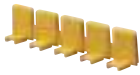
CLOSING CAPS FOR BUSBARS

Code	Type	Pack. Carton.
GW 96 963	1P	10
GW 96 964	2P	10
GW 96 965	3P	10
GW 96 966	4P	10

APPLICATIONS: to insulate the ends of the busbars

WIRING COMPONENTS

GW96967



TEETH-COVER ROW FOR BUSBARS

Code	No. protection caps per row	Pack. Carton.
GW 96 967	5	10

APPLICATIONS: to insulate the unused busbar teeth.

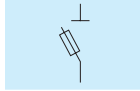
PROTECTION

DISCONNECTABLE FUSE-HOLDERS AND ACCESSORIES

GW96205



DISCONNECTABLE FUSE-HOLDERS



Code	Rated current	Fuse dimension (mm)	No. of modules EN 50022	Rated voltage	Pack. Carton.
No. of poles: 1P					
GW 96 206	20 A	8,5x31,5	1	400 V	6/12
GW 96 205	32 A	10,3 x 38	1	690 V	6/12
GW 96 207	50 A	14 x 51	1,5	690 V	2/12
No. of poles: 1P+N					
GW 96 216	20 A	8,5 x 31,5	2	400 V	3/12
GW 96 215	32 A	10,3 x 38	2	690 V	3/12
GW 96 217	50 A	14 x 51	3	690 V	1/6
No. of poles: 2P					
GW 96 301	20 A	8,5 x 31,5	2	400 V	3/12
GW 96 302	32 A	10,3 x 38	2	690 V	3/12
GW 96 303	50 A	14 x 51	3	690 V	1/6
No. of poles: 3P					
GW 96 306	20 A	8,5 x 31,5	3	400 V	2/8
GW 96 307	32 A	10,3 x 38	3	690 V	2/8
GW 96 308	50 A	14 x 51	4,5	690 V	1/4
No. of poles: 3P+N					
GW 96 311	20 A	8,5 x 31,5	4	400 V	1/2
GW 96 312	32 A	10,3 x 38	4	690 V	1/2
GW 96 313	50 A	14 x 51	6	690 V	1/2

APPLICATIONS: protection against overcurrents in case of high short-circuit currents.

GW72111



CYLINDRICAL FUSES - TYPE GG

Code	Rated current	Rated voltage	Breaking capacity	Pack. Carton.
DIMENSIONS (MM): Ø 8.5 x 31.5				
GW 72 111	2 A	400 V	50 kA	10/100
GW 72 112	4 A	400 V	50 kA	10/100
GW 72 113	6 A	400 V	50 kA	10/100
GW 72 114	10 A	400 V	50 kA	10/100
GW 72 115	16 A	400 V	50 kA	10/100
GW 72 116	20 A	400 V	50 kA	10/100
GW 72 117	25 A	400 V	50 kA	10/100
DIMENSIONS (MM): Ø 10.3 x 38				
GW 72 104	2 A	500 V	100 kA	10/100
GW 72 105	6 A	500 V	100 kA	10/100
GW 72 107	10 A	500 V	100 kA	10/100
GW 72 101	16 A	500 V	100 kA	10/100
GW 72 108	20 A	500 V	100 kA	10/100
GW 72 109	25 A	500 V	100 kA	10/100
GW 72 110	32 A	400 V	100 kA	10/100
DIMENSIONS (MM): Ø 14 x 51				
GW 72 121	25 A	690 V	100 kA	10/100
GW 72 122	32 A	500 V	100 kA	10/100
GW 72 123	40 A	500 V	100 kA	10/100
GW 72 124	50 A	500 V	100 kA	10/100

MOTOR PROTECTION SWITCHES AND ACCESSORIES

GW96758



MOTOR PROTECTION SWITCHES

Code	Rated current	Operating current	Rated voltage (V)	No. of modules EN 50022	Pack. Carton.
No. of poles: 3P					
GW 96 751	0.16 A	0.1 - 0.16 A	230/400 AC	3	1/4
GW 96 752	0.25 A	0.16 - 0.25 A	230/400 AC	3	1/4
GW 96 753	0.4 A	0.25 - 0.4 A	230/400 AC	3	1/4
GW 96 754	0.63 A	0.4 - 0.63 A	230/400 AC	3	1/4
GW 96 755	1 A	0.63 - 1 A	230/400 AC	3	1/4
GW 96 756	1.6 A	1 - 1.6 A	230/400 AC	3	1/4
GW 96 757	2.5 A	1.6 - 2.5 A	230/400 AC	3	1/4
GW 96 758	4 A	2.5 - 4 A	230/400 AC	3	1/4
GW 96 759	6.3 A	4 - 6.3 A	230/400 AC	3	1/4
GW 96 760	10 A	6.3 - 10 A	230/400 AC	3	1/4
GW 96 761	16 A	10 - 16 A	230/400 AC	3	1/4
GW 96 762	25 A	16 - 25 A	230/400 AC	3	1/4
GW 96 763	40 A	25 - 40 A	230/400 AC	3	1/4

GW96765



AUXILIARY CONTACTS

Code	Contacts Description	No. of contacts	Type of contacts	No. of modules EN 50022	Pack. Carton.
GW 96 764	Position	2	1 NO + 1 NC	0.5	1/12
GW 96 765	Fault/position indicator	2	CHANGE-OVER	0.5	1/12

GW96767



SHUNT TRIP RELEASE

Code	Rated voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 767	110-415 AC	1	1/6

GW96769



UNDER VOLTAGE RELEASES

Code	Rated voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 769	230 AC	1	1/6
GW 96 770	400 AC	1	1/6

GW96771



WALL-MOUNTING BOX IP54

Code	Description	Pack. Carton.
GW 96 771	Box with rotary manoeuvre	1

SPD - SURGE PROTECTION DEVICES

GW96466



SURGE PROTECTION DEVICES WITH PLUGGABLE CARTRIDGE AND MAXIMUM DISCHARGE CAPACITY OF 15 KA

Code	No. of poles	Max. current wave (8/20)	Test class	Rated voltage	No. of modules EN 50022	Pack. Carton.
GW 96 468	1P	15 kA	II	400 V	1	2/8
GW 96 466	1P+N	15 kA	II	230 V	2	1/4
GW 96 467	3P+N	15 kA	II	400 V	4	1/2

APPLICATIONS: neutral cartridge type "SPARK GAP".

CHARACTERISTICS: the surge protection devices are equipped with an optical indication system indicating when the cartridge is to be changed.

GW96472



SURGE PROTECTION DEVICES WITH PLUGGABLE CARTRIDGE AND MAXIMUM DISCHARGE CAPACITY OF 40 KA

Code	No. of poles	Max. current wave (8/20)	Test class	Rated voltage	No. of modules EN 50022	Pack. Carton.
GW 96 473	1P	40 kA	II	400 V	1	2/8
GW 96 471	1P+N	40 kA	II	230 V	2	1/4
GW 96 472	3P+N	40 kA	II	400 V	4	1/2

APPLICATIONS: neutral cartridge type "SPARK GAP".

CHARACTERISTICS: the surge protection devices are equipped with an optical indication system indicating when the cartridge is to be changed.

90 AM RANGE

GW96481



ACCESSORIES FOR PLUGGABLE CARTRIDGE SURGE PROTECTION DEVICES

Code	Description	Characteristics	Suitable for	Pack. Carton.
GW 96 481	Live cartridge	I _{max} 15 kA	GW96466/7 GW96484/5	1/8
GW 96 486	Live cartridge	I _{max} 15 kA	GW96468	1/8
GW 96 482	Live cartridge	I _{max} 40 kA	GW96471/2 GW96484/5	1/8
GW 96 487	Live cartridge	I _{max} 40 kA	GW96473	1/8
GW 96 483	Neutral cartridge	I _{max} 15-40 kA		1/8
GW 96 484	Single-pole base with neutral	With indicator contact		1/4
GW 96 485	Three-pole base with neutral	With indicator contact		1/2

CHARACTERISTICS: the phase and neutral cartridges are spare pieces for the voltage surge arresters or, coupled with a unipolar or three-pole base, they make up a new surge protection devices. A fissure on the base of the surge protection devices will help you to insert the cartridges, and prevents the insertion of the phase cartridge in place of the neutral one, or vice versa.

GW96461



SURGE PROTECTION DEVICES WITH MAXIMUM DISCHARGE CAPACITY OF 10 KA FOR DATA TRANSMISSION AND TELEPHONE LINES

Code	Max. current wave (8/20)	Rated voltage	No. of modules EN 50022	Pack. Carton.
GW 96 461	10 kA	200 V	1	1/8

EARTH LEAKAGE RELAY CONTROL SYSTEMS



DIN RAIL EARTH LEAKAGE RELAY CONTROL SYSTEMS

Code	Description	No. of modules EN 50022	Diameter (mm)	Maximum rated current	Pack. Carton.
GW 96 331	Earth leakage relay	3			1/4
GW 96 332	Solid-core current transformer		35	125 A	1/10
GW 96 333	Solid-core current transformer		80	400 A	1
GW 96 334	Solid-core current transformer		110	630 A	1
GW 96 335	Solid-core current transformer		210	1600 A	1/5
GW 96 336	Split-core current transformer		110	630 A	1/10
GW 96 337	Split-core current transformer		210	1600 A	1/5

CHARACTERISTICS: GW96331: sensitivity (I_{dn}) and delay thresholds (dt) are adjustable:

I_{dn} (A): 0,03 - 0,05 - 0,1 - 0,25 - 0,3 - 0,35 - 0,5 - 1 - 1,5 - 2 - 3.

dt (s): 0 - 0,25 - 0,5 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 10.

CONTROL

SWITCH-DISCONNECTORS (EN 60947-3)

GW96179



SWITCH DISCONNECTORS



Code	Rated current	No. of modules EN 50022	Rated voltage	Pack. Carton.
No. of POLES: 1P				
GW 96 104	32 A	1	240 V	6/12
GW 96 105	40 A	1	240 V	6/12
GW 96 146	63 A	1	240 V	6/24
GW 96 147	80 A	1	240 V	6/24
GW 96 148	100 A	1	240 V	6/24
GW 96 149	125 A	1	240 V	6/24
No. of POLES: 2P				
GW 96 114	32 A	2	415 V	3/12
GW 96 115	40 A	2	415 V	3/12
GW 96 156	63 A	2	415 V	3/12
GW 96 157	80 A	2	415 V	3/12
GW 96 158	100 A	2	415 V	3/12
GW 96 159	125 A	2	415 V	3/12
No. of POLES: 3P				
GW 96 124	32 A	3	415 V	2/8
GW 96 125	40 A	3	415 V	2/8
GW 96 166	63 A	3	415 V	2/8
GW 96 167	80 A	3	415 V	2/8
GW 96 168	100 A	3	415 V	2/8
GW 96 169	125 A	3	415 V	2/8
No. of POLES: 4P				
GW 96 134	32 A	4	415 V	1/2
GW 96 135	40 A	4	415 V	1/2
GW 96 176	63 A	4	415 V	1/2
GW 96 177	80 A	4	415 V	1/2
GW 96 178	100 A	4	415 V	1/2
GW 96 179	125 A	4	415 V	1/2

NOTE: fittable with auxiliary contact.

GW97724



MSS 125 - ROTARY SWITCH DISCONNECTORS

Code	Rated current	No. of modules EN 50022	Rated voltage	Pack. Carton.
No. of POLES: 3P				
GW 97 721	63 A	6	400 V	1
GW 97 722	100 A	6	400 V	1
GW 97 723	125 A	6	400 V	1
No. of POLES: 4P				
GW 97 724	63 A	6	400 V	1
GW 97 725	100 A	6	400 V	1
GW 97 726	125 A	6	400 V	1

NOTES: mounting on DIN rail EN 50022.

Can be combined with door coupling rotary handles, auxiliary contacts and terminal covers of the 97 MSS range.

ISOLATING SWITCHES (EN 60669-2-4)

GW96538



ISOLATING SWITCHES



Code	Rated current	No. of modules EN 50022	Rated voltage	Pack. Carton.
No. of poles: 1P				
GW 96 531	① 16 A	1	250 V	3/12
GW 96 532	① 32 A	1	250 V	3/12
No. of poles: 2P				
GW 96 533	① 16 A	1	250 - 415 V	3/12
GW 96 534	① 32 A	1	250 - 415 V	3/12
No. of poles: 3P				
GW 96 535	① 16 A	1	250 - 415 V	1/12
GW 96 536	① 32 A	1	250 - 415 V	1/12
No. of poles: 4P				
GW 96 537	① 16 A	1	250 - 415 V	1/12
GW 96 538	① 32 A	1	250 - 415 V	1/12

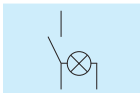
90 AM RANGE

ON-OFF SWITCHES

GW96542



ON-OFF SWITCHES WITH INDICATOR LAMP



Code	Rated current	Characteristics	No. of modules EN 50022	Rated voltage	Pack. Carton.
No. of poles: 1P					
GW 96 539	① 16 A	With indicator lamp	1	230 V	3/12
GW 96 540	① 32 A	With indicator lamp	1	230 V	1/12
No. of poles: 2P					
GW 96 541	① 16 A	With indicator lamp	1	230 V	1/12
GW 96 542	① 32 A	With indicator lamp	1	230 V	1/12

ACCESSORIES SUPPLIED: indicator lamp with LED.

LEVER SWITCHES

GW96554



LEVER SWITCHES



Code	Rated current	No. of poles	No. of modules EN 50022	Rated voltage	Pack. Carton.
TYPE: CHANGE-OVER SWITCH (1-2)					
GW 96 551	① 16 A	1P	1	250 V	3/12
GW 96 552	① 16 A	2P	1	250 V	1/12
TYPE: THREE-WAY SWITCH (1-0-2)					
GW 96 553	① 16 A	1P	1	250 V	3/12
GW 96 554	① 16 A	2P	1	250 V	1/12
TYPE: TWO-WAYS SWITCH (1-2)					
GW 96 555	① 16 A	2P (1NO+1NC)	1	250 V	3/12
GW 96 556	① 32 A	2P (1NO+1NC)	1	250 V	1/12

①=May 2010

②=June 2010

③=September 2010

SWITCHES



GW96853

VOLTMETER SELECTOR SWITCHES

Code	Description	Characteristics	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
GW 96 851	4 positions	Phase - Neutral	16 A	690 V	3	1/4
GW 96 852	4 positions	Phase - Phase	16 A	690 V	3	1/4
GW 96 853	7 positions		16 A	690 V	3	1/4



GW96856

AMMETER SELECTOR SWITCH

Code	Description	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
GW 96 856	4 positions	16 A	690 V	3	1/4



GW96952

LINE SELECTOR SWITCHES

Code	Description	Characteristics	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. of poles: 2P						
GW 96 951	2 positions		16 A	690 V	3	1/4
GW 96 952	3 positions	0 central	16 A	690 V	3	1/4
GW 96 953	3 positions	With 0 return position	16 A	690 V	3	1/4

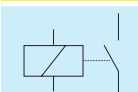
APPLICATIONS: DIN rail three-way switches usable for motor, pump and fan control.

CONTACTORS



GW96702

CONTACTORS



Code	No. of contacts	Type of contacts	Rated current	Rated voltage (V)	Rated coil voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 701	1	NO	20 A	400 AC	230 AC	1	6/12
GW 96 702	2	NO	20 A	400 AC	24 AC	1	6/12
GW 96 703	2	NO + NC	20 A	400 AC	230 AC	1	6/12
GW 96 704	2	NO	20 A	400 AC	230 AC	1	6/12
GW 96 705	2	NC	20 A	400 AC	230 AC	1	6/12
GW 96 706	3	NO	20 A	400 AC	230 AC	2	3/12
GW 96 708	4	NO	20 A	400 AC	230 AC	2	3/12
GW 96 715	3	NO	24 A	400 AC	230 AC-DC	2	3/12
GW 96 716	4	3 NO + NC	24 A	400 AC	230 AC-DC	2	3/12
GW 96 711	4	NO	24 A	400 AC	24 AC-DC	2	3/12
GW 96 712	4	NO	24 A	400 AC	230 AC-DC	2	3/12
GW 96 713	4	NC	24 A	400 AC	230 AC-DC	2	3/12
GW 96 792	2	NO	32 A	400 AC	230 AC	1	6/12
GW 96 796	4	NO	32 A	400 AC	230 AC	2	3/12
GW 96 721	2	NO	40 A	400 AC	230 AC-DC	3	2/8
GW 96 722	3	NO	40 A	400 AC	230 AC-DC	3	2/8
GW 96 723	4	NO	40 A	400 AC	230 AC-DC	3	2/8
GW 96 731	2	NO	63 A	400 AC	230 AC-DC	3	2/8
GW 96 732	3	NO	63 A	400 AC	230 AC-DC	3	2/8
GW 96 733	4	NO	63 A	400 AC	230 AC-DC	3	2/8

APPLICATIONS: control of power circuits where a high number of automatic manoeuvres is requested, e.g. pumps, fans, motors, heating and lighting circuits.



AUXILIARY CONTACTS FOR CONTACTORS

Code	No. of contacts	Type of contacts	Primary current	No. of modules EN 50022	Pack. Carton.
GW 96 741	2	NO	6 A	0.5	8/16
GW 96 742	2	NO + NC	6 A	0.5	8/16

APPLICATIONS: remote indication of contactor state; for contactors with In=24-40-63A.

NOTE: it is possible to use only one auxiliary contact for each contactor.

DAY/NIGHT CONTACTORS

GW96691



DAY/NIGHT CONTACTORS							
Code	No. of contacts	Type of contacts	Rated current	Rated voltage (V)	Rated coil voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 691	2	NO	20 A	230 AC	230 AC	1	6/24
GW 96 692	3	NO	20 A	230 AC	230 AC	2	3/12
GW 96 693	4	NO	20 A	230 AC	230 AC	2	3/12

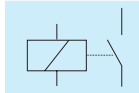
NOTE: contactors with 3 position selector (1-ON, 2-OFF, A-Automatic).

MOMENTARY RELAYS

GW96606



MOMENTARY RELAYS - 16A



Code	No. of contacts	Type of contacts	Rated voltage (V)	Rated coil voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 604	1	NO	230 AC	8 AC	1	6/12
GW 96 601	1	NO	230 AC	12 AC	1	6/12
GW 96 602	1	NO	230 AC	24 AC	1	6/12
GW 96 603	1	NO	230 AC	230 AC	1	6/12
GW 96 921	1	CHANGE-OVER	230 AC	8 AC	1	6/12
GW 96 922	1	CHANGE-OVER	230 AC	12 AC	1	6/12
GW 96 923	1	CHANGE-OVER	230 AC	24 AC	1	6/12
GW 96 924	1	CHANGE-OVER	230 AC	230 AC	1	6/12
GW 96 925	1	CHANGE-OVER	230 AC	12 DC	1	6/12
GW 96 926	1	CHANGE-OVER	230 AC	24 DC	1	6/12
GW 96 606	2	NO + NC	230 AC	12 AC	1	6/12
GW 96 607	2	NO + NC	230 AC	24 AC	1	6/12
GW 96 608	2	NO + NC	230 AC	230 AC	1	6/12
GW 96 615	2	NO	230 AC	230 AC	1	6/12
GW 96 614	2	CHANGE-OVER	230 AC	8 AC	1	6/12
GW 96 611	2	CHANGE-OVER	230 AC	12 AC	1	3/12
GW 96 612	2	CHANGE-OVER	230 AC	24 AC	1	3/12
GW 96 613	2	CHANGE-OVER	230 AC	230 AC	1	3/12
GW 96 932	2	CHANGE-OVER	230 AC	24 DC	1	3/12
GW 96 616	4	NO	400 AC	12 AC	2	3/12
GW 96 617	4	NO	400 AC	24 AC	2	3/12
GW 96 618	4	NO	400 AC	230 AC	2	3/12

CHARACTERISTICS: single stable state relay; makes the switchover of the excitation contacts of the coil, maintaining the new state until dropout.

APPLICATIONS: control of low voltage circuits with high number of switchovers (lighting, heating and ventilation systems).

LOW DISSIPATION RELAY - 16 A

GW96928



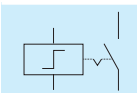
Code	No. of contacts	Type of contacts	Rated voltage (V)	Rated coil voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 928	1	CHANGE-OVER	230 AC	230 AC	1	6/12

IMPULSE SWITCHES

GW96622



IMPULSE SWITCHES 16A



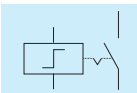
Code	No. of contacts	Type of contacts	Rated voltage (V)	Rated coil voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 624	1	NO	230 AC	8 AC	1	6/12
GW 96 621	1	NO	230 AC	12 AC	1	6/12
GW 96 622	1	NO	230 AC	24 AC	1	6/12
GW 96 623	1	NO	230 AC	230 AC	1	6/12
GW 96 625	1	CHANGE-OVER	230 AC	8 AC	1	6/12
GW 96 626	1	CHANGE-OVER	230 AC	12 AC	1	6/12
GW 96 627	1	CHANGE-OVER	230 AC	24 AC	1	6/12
GW 96 628	1	CHANGE-OVER	230 AC	230 AC	1	6/12
GW 96 630	1	CHANGE-OVER	230 AC	24 DC	1	6/12
GW 96 631	2	NO + NC	230 AC	12 AC	1	6/12
GW 96 632	2	NO + NC	230 AC	24 AC	1	6/12
GW 96 633	2	NO + NC	230 AC	230 AC	1	6/12
GW 96 636	2	NO	230 AC	12 AC	1	6/12
GW 96 637	2	NO	230 AC	24 AC	1	6/12
GW 96 638	2	NO	230 AC	230 AC	1	6/12
GW 96 673	2	CHANGE-OVER	230 AC	24 AC	1	6/12
GW 96 674	2	CHANGE-OVER	230 AC	230 AC	1	6/12
GW 96 676	2	CHANGE-OVER	230 AC	24 DC	1	6/12
GW 96 641	4	NO	230 AC	12 AC	2	3/6
GW 96 642	4	NO	230 AC	24 AC	2	3/6
GW 96 643	4	NO	230 AC	230 AC	2	3/6

CHARACTERISTICS: two stable state relay; switches over the state with each impulse sent to the coil, maintaining the configuration until the next impulse.
APPLICATIONS: control of lighting circuits in the domestic and commercial sectors.

GW96653



IMPULSE SWITCHES WITH CENTRAL CONTROL - 16A



Code	No. of contacts	Type of contacts	Rated voltage (V)	Rated coil voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 652	1	NO	230 AC	24 AC	1	6/12
GW 96 653	1	NO	230 AC	230 AC	1	6/12
GW 96 657	1	CHANGE-OVER	230 AC	24 AC	1	6/12
GW 96 658	1	CHANGE-OVER	230 AC	230 AC	1	6/12
GW 96 659	1	CHANGE-OVER	230 AC	24 DC	1	6/12
GW 96 662	2	NO	230 AC	24 AC	2	3/6
GW 96 663	2	NO	230 AC	230 AC	2	3/6
GW 96 664	2	NO	230 AC	24 DC	2	3/6
GW 96 667	3	NO	230 AC	24 AC	2	3/6
GW 96 668	3	NO	230 AC	230 AC	2	3/6
GW 96 669	3	NO	230 AC	24 DC	2	3/6

APPLICATIONS: output available for control centralisation in one point only, allowing the on/off switching of all relays independently of their position.

LOAD MANAGEMENT RELAY P-COMFORT

GW96916



LOAD MANAGEMENT RELAY

Code	Rated voltage (V)	Rated working current (A)	Relay contact	Contact capacity (A)	No. of modules EN 50022	Pack. Carton.
GW 96 916	230 AC	25	1 NC	16A AC1	2	1/6

APPLICATION: the P-Comfort relay manages the electrical system power. In the event of overloading, P-Comfort prevents any electricity supply interruption, disconnecting only the non-preferential loads.

After a predefined time lapse, P-Comfort automatically reactivates them, avoiding any inconvenience for the user.

BIOCOMFORT MAIN DISCONNECTION SWITCH

GW96339



MAIN DISCONNECTION SWITCH WITH SELF LEARNING FUNCTION

Code	Description	Rated current	Rated voltage (V)	Survey voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 339	Switch disconnector	16 A	230 AC	5 - 230 DC	1	1/2
GW 96 340	Base load		230 AC			1/5

APPLICATIONS: the BIOCOMFORT disconnection switch reduces the voltage of the electrical system when the loads connected to it are switched off. When a load is switched on, the disconnection switch restores the mains voltage at 230V AC.

NOTE: base load necessary for fluorescent lamps or loads with a draw of less than 30mA.

PROGRAMMING

TIME SWITCHES

GW96814



MULTIFUNCTION TIMER

Code	Rated coil voltage (V)	Regulation field	Type of contacts	Contact rating - In	No. of modules EN 50022	Pack. Carton.
GW 96 814	24...240 AC-DC	0.05 s - 100 h	1 Changeover	8 A	1	1/8

APPLICATIONS: permits the power supply and cut-off of a load for a set time, can be adjusted from 0.05 s to 100 h.

GW96810



STAIRCASE LIGHT TIMING SWITCH

Code	Rated voltage (V)	Regulation field	Type of contacts	Contact rating - In	No. of modules EN 50022	Pack. Carton.
GW 96 810	230 AC	30 s - 20 min	1 NO	16 A	1	1/8

APPLICATIONS: timed management of lights in passageway environments (stairs, corridors, entrances, etc.).

GW96813



STAIRCASE LIGHT TIMING SWITCH WITH SWITCH-OFF WARNING

Code	Rated voltage (V)	Regulation field	Type of contacts	Contact rating - In	No. of modules EN 50022	Pack. Carton.
GW 96 813	230 AC	30 s - 20 min	1 NO	16 A	1	1/8

APPLICATIONS: timed management of the lights in passageway environments (stairs, corridors, entrances, etc.).
A short opening of the contact indicates the lights are about to switch off.

ASTRONOMICAL SWITCH

GW96821



ASTRONOMICAL ONE-WAY SWITCH (WITHOUT EXTERNAL PROBE)

Code	Rated voltage (V)	Type of contacts	Reserve charge	No. modules	Pack. Carton.
GW 96 821	230 AC	1 Changeover	3 years	2	1/4

APPLICATIONS: commands the switching on and off of external lighting equipment.
Setting the latitude and longitude, the device acts as a light-sensitive one-way switch that does not require an external probe.

ANALOGUE TIME SWITCHES

GW96831



ANALOGUE TIME SWITCHES

Code	Type	Type of contacts	Rated voltage (V)	Reserve charge	No. of modules EN 50022	Pack. Carton.
GW 96 830	Daily	1 NO	230 AC	No	1	1/8
GW 96 831	Daily	1 changeover	230 AC - 130 DC	150 h	3	1/4
GW 96 832	Weekly	1 changeover	230 AC - 110 DC	150 h	3	1/4
GW 96 836	Daily	1 NO	230 AC - 110 DC	50 h	1	1/8

APPLICATIONS: control and management of circuits according to pre-established daily or weekly programming; particularly useful where it is necessary to time the functions and optimise the level of comfort (ventilation, lighting, heating).

DIGITAL TIME SWITCHES

GW96844



DAILY AND WEEKLY DIGITAL TIME SWITCHES

Code	No. memories	Type of contacts	Rated voltage (V)	Reserve charge	No. modules	Pack. Carton.
GW 96 846	50	1 changeover	230 AC	3 years	1	1/4
GW 96 844	50	1 changeover	230 AC	3 years	2	1/4
GW 96 845	50	2 changeover	230 AC	3 years	2	1/4

APPLICATIONS: they allow the optimal management of circuits such as lighting and heating, to improve comfort levels and reduce electricity consumption.

NOTE: each time memorised is a memory occupied. Minimum adjustment - 1 minute.

PHOTO-ELECTRIC CELLS

GW96891



PHOTOELECTRIC CELLS (WITH OUTDOOR PROBE)

Code	Rated voltage (V)	Type of contacts	Brightness control	No. memories	No. of modules EN 50022	Pack. Carton.
GW 96 891	230 AC	1 Changeover	2...500 lux	20	3	1/2
GW 96 892	230 AC	1 NO	2...500 lux		1	1/2

CHARACTERISTICS: GW96891 programmable connection and disconnection times.

APPLICATIONS: control the on/off switching of external lighting devices depending on outside lighting.

MEASUREMENT

VOLTMETERS AND AMMETERS

GW96861



ANALOGUE VOLTMETERS WITH DIRECT INSERTION - 40/60 HZ

Code	Scale	Accuracy	No. of modules EN 50022	Pack. Carton.
GW 96 861	0 - 300 V	1,5	3	1/4
GW 96 862	0 - 500 V	1,5	3	1/4

GW96867



DIGITAL VOLTMETER WITH DIRECT INSERTION

Code	Scale	Supply voltage	Accuracy	No. of modules EN 50022	Pack. Carton.
GW 96 867	0 - 500 V	230V ac	0,5	2	1/4

GW96871



ANALOGUE AMMETERS - 40/60 HZ

Code	Capacity	Activation	Accuracy	No. of modules EN 50022	Pack. Carton.
GW 96 871	10 A	Direct	1,5	3	1/4
GW 96 872	20 A	Direct	1,5	3	1/4
GW 96 873	30 A	Direct	1,5	3	1/4
GW 96 878	5 A	Via C.T./5A	1,5	3	1/4



INTERCHANGEABLE SCALES FOR GW96878 ANALOGUE AMMETER

Code	Full scale (A)	Pack. Carton.
GW 96 971	40	1/10
GW 96 972	50	1/10
GW 96 973	60	1/10
GW 96 974	100	1/10
GW 96 975	150	1/10
GW 96 976	250	1/10
GW 96 977	400	1/10
GW 96 978	600	1/10
GW 96 979	1000	1/10
GW 96 980	1200	1/10
GW 96 981	1500	1/10

GW96879



DIGITAL AMMETER WITH INDIRECT INSERTION (BY MEANS OF CURRENT TRANSFORMER)

Code	Capacity	Supply voltage	Accuracy	No. of modules EN 50022	Pack. Carton.
GW 96 879	5 - 999 A	230V ac	0,5	2	1/4

ENERGY METERS

GW96889



COMPACT SINGLE-PHASE ENERGY METER WITH DIRECT INSERTION

Wh

Code	No. digits	Accuracy	I max (A)	Rated voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 889	6 unit + 1 decimal	1	25 A	230 AC	1	1/8

CHARACTERISTICS: equipped with 24V DC open collector contact for remote signalling.

GW96886



Wh

Code	No. digits	Accuracy	I max (A)	Rated voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 886	5 unit + 2 decimals	2	30 A	230 AC	3	1/4

APPLICATIONS: records the energy consumption in single-phase systems with max. power 6.9 kW.

GW96887



Wh

Code	No. digits	Accuracy	I max (A)	Rated voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 887	6 unit + 1 decimal	2	30 A	400 AC	6	1/2

APPLICATIONS: records the energy consumption in 3-phase systems with neutral.

CHARACTERISTICS: the meter is equipped with an impulse output for the remote signalling of energy consumption.

GW96888



Wh

Code	No. digits	Accuracy	Rated current	Rated voltage (V)	No. of modules EN 50022	Pack. Carton.
GW 96 888	6 unit + 1 decimal	2	5 A	400 AC	6	1/2

APPLICATIONS: records the energy consumption in 3-phase systems with neutral.

CHARACTERISTICS: the meter is equipped with an impulse output for the remote signalling of energy consumption.

HOURLY METER

GW96881



h

Code	No. digits	Accuracy	No. of modules EN 50022	Pack. Carton.
GW 96 881	5 unit + 2 decimals	1/100h (36s.)	2	1/4

APPLICATIONS: computing the operating hours of electrical devices (motors, machines, tools, adjustment devices etc.).

MULTI-FUNCTION METER

GW96897



MULTI-FUNCTION METER

Code	Type of display	Rated voltage (V)	Measured sizes	Accuracy	No. of modules EN 50022	Pack. Carton.
GW 96 897	LED 3 units on 3 lines	230 AC	V, I	0,5	2	1/4

NOTE: connection via current transformers with secondary of 5A.

MAINS ANALYSER

GW96899



MAINS ANALYSER

Code	Type of display	Measured sizes	Accuracy	No. of modules EN 50022	Pack. Carton.
GW 96 899	LCD	V, I, F, W, VAR, VA, KWH, KVARH	2	4	1/2

NOTES: insertion by means of current transformers with secondary of 5A.

Riporto a distanza di tutte le grandezze misurate tramite uscita RS485 (MODBUS RTU).

CURRENT TRANSFORMERS

GW96452



CURRENT TRANSFORMERS WITH 5A SECONDARY

Code	Primary current	Primary circuit with bar	Primary circuit with cable	Dissipated power	Accuracy	Pack. Carton.
GW 96 441	15 A	Wound		3 VA	1	1/32
GW 96 442	25 A	Wound		3 VA	1	1/32
GW 96 443	40 A	Busbar 30x10mm max	Cable Ø 23 mm max	2 VA	3	1/32
GW 96 444	50 A	Busbar 30x10mm max	Cable Ø 23 mm max	2 VA	3	1/32
GW 96 445	60 A	Busbar 30x10mm max	Cable Ø 23 mm max	3 VA	3	1/32
GW 96 446	100 A	Busbar 30x10mm max	Cable Ø 23 mm max	3 VA	1	1/32
GW 96 447	150 A	Busbar 30x10mm max	Cable Ø 23 mm max	3 VA	0.5	1/32
GW 96 448	250 A	Busbar 30x10mm max	Cable Ø 23 mm max	5 VA	0.5	1/32
GW 96 449	400 A	Busbar 30x10mm max	Cable Ø 23 mm max	6 VA	0.5	1/32
GW 96 450	600 A	Busbar 30x10mm max	Cable Ø 23 mm max	10 VA	0.5	1/32
GW 96 451	1000 A	Busbar 64x20mm max	Cable Ø 50 mm max	20 VA	0.5	1/12
GW 96 452	1200 A	Busbar 64x20mm max	Cable Ø 50 mm max	20 VA	0.5	1/12
GW 96 453	1500 A	Busbar 64x20mm max	Cable Ø 50 mm max	30 VA	0.5	1/12

CHARACTERISTICS: two types of primary circuit: wound (supplied with bar or primary terminal already available) and feedthrough (with a hole through which the bar, or the cable constituting the primary, is passed). Transformers up to 600A can be installed on DIN rail.

APPLICATIONS: allow the measurement of high currents by analogue and digital ammeters; provide a current to the secondary which is proportional to the primary current.

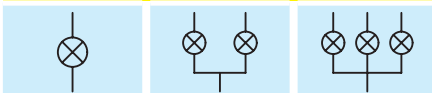
SIGNALLING

INDICATOR LAMPS

GW96592



SIGNALLING LAMPS - UN=12-24-48V AC/DC / 230V AC



Code	Type	Colour	No. of modules EN 50022	Pack. Carton.
RATED VOLTAGE: 12-24-48 V_{AC/DC}				
GW 96 586	Single	Red	1	1/12
GW 96 587	Single	Green	1	1/12
GW 96 588	Single	Yellow	1	1/12
GW 96 589	Single	Blue	1	1/12
GW 96 590	Single	White	1	1/12
RATED VOLTAGE: 230 V_{AC}				
GW 96 581	Single	Red	1	3/12
GW 96 582	Single	Green	1	3/12
GW 96 583	Single	Yellow	1	3/12
GW 96 584	Single	Blue	1	3/12
GW 96 585	Single	White	1	3/12
GW 96 591	Double	Green / red	1	1/12
GW 96 592	Triple	Red	1	1/12

ACCESSORIES SUPPLIED: indicator lamp with LED.

ILLUMINATED PUSH-BUTTONS

GW96568



ILLUMINATED PUSH-BUTTONS - IN=16 A - UN=250V AC



Code	Contacts	Indicator lamp colour	Characteristics	Rated current	No. of modules EN 50022	Pack. Carton.
RATED LAMP VOLTAGE: 12-24-48 V_{AC/DC}						
GW 96 570	1 NO	Green	Single push-button	16 A	1	1/12
GW 96 571	1 NC	Red	Single push-button	16 A	1	1/12
RATED LAMP VOLTAGE: 230 V_{AC}						
GW 96 566	1 NO	Green	Single push-button	16 A	1	1/12
GW 96 567	1 NC	Red	Single push-button	16 A	1	1/12
GW 96 568	1 NO + 1 NC	Green	Single push-button	16 A	1	1/12
GW 96 569	1 NO + 1 NC	Red	Single push-button	16 A	1	1/12

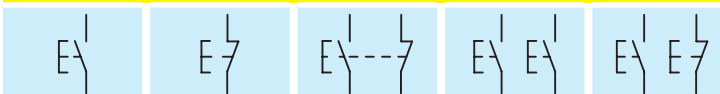
ACCESSORIES SUPPLIED: indicator lamp with LED.

PUSH-BUTTONS WITHOUT LIGHTING

GW96565



PUSH-BUTTONS - IN=16 A - UN=250V AC



Code	Contacts	Characteristics	Rated current	No. of modules EN 50022	Pack. Carton.
RATED VOLTAGE: 250 V_{AC}					
GW 96 561	1 NO	Single push-button	16 A	1	3/12
GW 96 562	1 NC	Single push-button	16 A	1	3/12
GW 96 563	1 NO + 1 NC	Single push-button	16 A	1	1/12
GW 96 564	1 NO / 1 NO	Double push-button (grey / grey)	16 A	1	1/12
GW 96 565	1 NO / 1 NC	Double push-button (green / red)	16 A	1	1/12

BELLS AND BUZZERS

GW96402



BELLS

Code	Rated voltage	Power loss	No. of modules EN 50022	Pack. Carton.
GW 96 401	12 V	5 VA	1	12
GW 96 402	230 V	10 VA	1	12
GW 96 403	230 V	6.1 VA	2	6

CHARACTERISTICS: GW96403 incorporates a transformer with a very low safety voltage of 24V~.

APPLICATIONS: acoustic signal of an operation in the domestic and commercial sectors.

GW96408



BUZZERS				
Code	Rated voltage	Power loss	No. of modules EN 50022	Pack. Carton.
GW 96 406	12 V	5 VA	1	12
GW 96 407	230 V	10 VA	1	12
GW 96 408	230 V	6.1 VA	2	6

CHARACTERISTICS: GW96408 incorporates a transformer with a very low safety voltage of 24V~.
 APPLICATIONS: acoustic signal of an operation in the domestic and commercial sectors.

GW96411



COMBINED TRANSFORMER-BELL-BUZZER				
Code	Rated voltage	Power loss	No. of modules EN 50022	Pack. Carton.
GW 96 411	230 V	3.8 VA	2	4

CHARACTERISTICS: GW96411 incorporate a very low voltage safety transformer 24V~.

TRANSFORMERS

GW96422



BELLS TRANSFORMERS					
Code	Rated power	Primary voltage	Secondary voltage	No. of modules EN 50022	Pack. Carton.
GW 96 421	5VA(12V)/3,3VA(8V)/1,7VA(4V)	230 V	4+8=12 V	2	6
GW 96 422	5VA(24V)/2,5VA(12V)	230 V	12+12=24 V	2	6
GW 96 423	10VA(12V)/6,6VA(8V)/3,3VA(4V)	230 V	4+8=12 V	2	6
GW 96 424	10VA(24V)/5VA(12V)	230 V	12+12=24 V	2	6
GW 96 425	15VA(12V)/10VA(8V)/5VA(4V)	230 V	4+8=12 V	2	6
GW 96 426	15VA(24V)/7,5VA(12V)	230 V	12+12=24 V	2	6
GW 96 431	30VA(12V)/20VA(8V)/10VA(4V)	230 V	4+8=12 V	3	4
GW 96 432	30VA(24V)/15VA(12V)	230 V	12+12=24 V	3	4
GW 96 433	40VA(12V)/27VA(8V)/13VA(4V)	230 V	4+8=12 V	3	4
GW 96 434	40VA(24V)/20VA(12V)	230 V	12+12=24 V	3	4

APPLICATIONS: distribution and realisation of SELV very low voltage safety circuits, with a value lower or equal to 24V.
 They allow electrical separation between the primary and secondary circuits, thus allowing the supply of bells and similar discontinuous operation signalling devices.

GW96781



TRANSFORMERS FOR BELLS AND BUZZERS (SWITCH OFF TYPE)					
Code	Rated power	Primary voltage	Secondary voltage	No. of modules EN 50022	Pack. Carton.
GW 96 781	8 VA	230 V	8 V	2	1/6
GW 96 782	12 VA	230 V	24 V	4	1/3

GW96783



COUPLE OF TERMINAL COVER FOR SWITCH OFF TYPE TRANSFORMER		
Code	Suitable for	Pack. Carton.
GW 96 783	GW96781	1/50

GW96323



SAFETY TRANSFORMERS					
Code	Rated power	Primary voltage	Secondary voltage	No. of modules EN 50022	Pack. Carton.
GW 96 321	15VA (12/24V)	230 V	12+12=24 V	3	4
GW 96 322	25VA (12/24V)	230 V	12+12=24 V	3	4
GW 96 323	40VA (12/24V)	230 V	12+12=24 V	4	1
GW 96 324	63VA (12/24V)	230 V	12+12=24 V	6	1

90 AM RANGE

VARIOUS ACCESSORIES

ACCESSORIES FOR ASSEMBLY ON DIN RAIL EN 50022

GW96523



SOCKET FOR ASSEMBLY ON DIN RAIL EN 50022						
Code	No. of poles	Standard	Rated voltage (V)	Rated current	No. of modules EN 50022	Pack. Carton.
GW 96 525	2P+E	Italian / German	250 VAC	16 A	2.5	2/8
GW 96 521	2P	German	250 VAC	16 A	2.5	2/8
GW 96 522	2P+E	German	250 VAC	16 A	2.5	2/8
GW 96 523	2P+E	German, with lid	250 VAC	16 A	2.5	2/8
GW 96 524	2P+E	French	250 VAC	16 A	2.5	2/8
GW 96 526	2P+E	Danish	250 VAC	16 A	2.5	2/8

NOTE: The usage of 2P German socket outlet without earth GW 96 521 is only permitted in conjunction with a safety isolating transformer

SYSTEM RANGE COMPONENTS AND SUPPORTS FOR MOUNTING ON DIN EN 50022 RAIL

90 AM RANGE

GW20246



ITALIAN/GERMAN STANDARD SOCKET-OUTLETS WITH SAFETY SHUTTERS - 250 V						
Code	Description	Earth pit	Type	For plug pins	No. System modules	Pack. Carton.
GW 20 246	2P+E - 16A Dual amp.	Side and central	P30 - P17	Ø 4 / 4.8 / 5 mm	2	30/120

GW20833



PLUGGABLE EMERGENCY LAMP - 230 V - 50/60 HZ					
Code	Power supply batteries	Autonomy	Lenticular bulb	No. System modules	Pack. Carton.
GW 20 833	Ni-Cd	2 h	2.2V - 0.25A	2	1/4

CHARACTERISTICS: equipped with inhibition selector on the front.

It use (Ni-Cd) 1,2 V - 0,6 Ah, 2x2/3 Af batteries.

GW26409



SUPPORTS FOR MOUNTING SYSTEM RANGE COMPONENTS ON DIN EN 50022 RAIL			
Code	Description	No. of modules EN 50022	Pack. Carton.
GW 26 409	1 gang	1.5	5/300
GW 26 410	2 gang	3	5/150


MTX range


Moulded-case circuit breakers for power distribution

The MTX range represents the ideal solution for industrial and advanced tertiary systems.


- Considerable potential in terms of adjustment (from 1 to 1600A) and of breaking capacity (from 16 to 120kA), with rated voltage up to 690V.
- Wide choice of accessories for all installation requirements.
- Full integration with the distribution boards of the 47 CVX Range.




			MTX 160c					
								
	Release	In [A]	B (16kA)		C (25kA)		N (36kA)	
			3P	4P	3P	4P	3P	4P
THERMAL MAGNETIC	TM1 magnetic threshold 10 lth	16	GW D7 001	GW D7 021				
		20	GW D7 002	GW D7 022				
		25	GW D7 003	GW D7 023	GW D7 041	GW D7 051		
		32	GW D7 004	GW D7 024	GW D7 042	GW D7 052	GW D7 061	GW D7 071
		40	GW D7 005	GW D7 025	GW D7 043	GW D7 053	GW D7 062	GW D7 072
		50	GW D7 006	GW D7 026	GW D7 044	GW D7 054	GW D7 063	GW D7 073
		63	GW D7 007	GW D7 027	GW D7 045	GW D7 055	GW D7 064	GW D7 074
		80	GW D7 008	GW D7 028	GW D7 046	GW D7 056	GW D7 065	GW D7 075
		100	GW D7 009	GW D7 029	GW D7 047	GW D7 057	GW D7 066	GW D7 076
		125	GW D7 010	GW D7 030	GW D7 048	GW D7 058	GW D7 067	GW D7 077
		160	GW D7 011	GW D7 031	GW D7 049	GW D7 059	GW D7 068	GW D7 078

			MTX/E 160						
									
	Release	In [A]	N (36kA)		S (50kA)		H (70kA)		
			3P	4P	3P	4P	3P	4P	
THERMAL MAGNETIC	TM1 magnetic threshold 10 lth	10	GW D7 931	GW D7 936					
		16	GW D7 932	GW D7 937					
		20	GW D7 933	GW D7 938					
		25	GW D7 934	GW D7 939					
		25	GW D7 081	GW D7 091					
	GENERATORS PROTECTION - TMG Magnetic threshold 3 lth	40	GW D7 082	GW D7 092					
		63	GW D7 083	GW D7 093					
		80	GW D7 084	GW D7 094					
		100	GW D7 085	GW D7 095					
		125	GW D7 086	GW D7 096					
		160	GW D7 087	GW D7 097					
ELECTRONIC	SEP/1	I	10	GW D7 146	GW D7 156	GW D7 166	GW D7 176	GW D7 186	GW D7 196
			25	GW D7 147	GW D7 157	GW D7 167	GW D7 177	GW D7 187	GW D7 197
			63	GW D7 148	GW D7 158	GW D7 168	GW D7 178	GW D7 188	GW D7 198
			100	GW D7 149	GW D7 159	GW D7 169	GW D7 179	GW D7 189	GW D7 199
			160	GW D7 150	GW D7 160	GW D7 170	GW D7 180	GW D7 190	GW D7 200
	LS/I	10	GW D7 141	GW D7 151	GW D7 161	GW D7 171	GW D7 181	GW D7 191	
		25	GW D7 142	GW D7 152	GW D7 162	GW D7 172	GW D7 182	GW D7 192	
		63	GW D7 143	GW D7 153	GW D7 163	GW D7 173	GW D7 183	GW D7 193	
		100	GW D7 144	GW D7 154	GW D7 164	GW D7 174	GW D7 184	GW D7 194	
		160	GW D7 145	GW D7 155	GW D7 165	GW D7 175	GW D7 185	GW D7 195	
MAGNETIC ONLY	MOTOR PROTECTION - M	magnetic threshold 13 lth	1	GW D7 101		GW D7 121			
			1.6	GW D7 102		GW D7 122			
			2	GW D7 103		GW D7 123			
			2.5	GW D7 104		GW D7 124			
			3.2	GW D7 105		GW D7 125			
			4	GW D7 106		GW D7 126			
			5	GW D7 107		GW D7 127			
			6.5	GW D7 108		GW D7 128			
			8.5	GW D7 109		GW D7 129			
			11	GW D7 110		GW D7 130			
		12.5	GW D7 111		GW D7 131				
		Magnetic threshold 6-12 lth	20	GW D7 112		GW D7 132			
			32	GW D7 113		GW D7 133			
			52	GW D7 114		GW D7 134			
			80	GW D7 115		GW D7 135			
			100	GW D7 116		GW D7 136			

MTX RANGE

		MTX 250				
						
	Release	In [A]	N (36kA)		S (50kA)	
			3P	4P	3P	4P
THERMAL MAGNETIC	TM1 magnetic threshold 10 lth	63	GW D7 201	GW D7 211	GW D7 221	GW D7 231
		80	GW D7 202	GW D7 212	GW D7 222	GW D7 232
		100	GW D7 203	GW D7 213	GW D7 223	GW D7 233
		125	GW D7 204	GW D7 214	GW D7 224	GW D7 234
		160	GW D7 205	GW D7 215	GW D7 225	GW D7 235
		200	GW D7 206	GW D7 216	GW D7 226	GW D7 236
THERMAL MAGNETIC	GENERATOR PROTECTION - TMG magnetic threshold 3 lth	63	GW D7 241	GW D7 251	GW D7 261	GW D7 271
		80	GW D7 242	GW D7 252	GW D7 262	GW D7 272
		100	GW D7 243	GW D7 253	GW D7 263	GW D7 273
		125	GW D7 244	GW D7 254	GW D7 264	GW D7 274
		160	GW D7 245	GW D7 255	GW D7 265	GW D7 275
		200	GW D7 246	GW D7 256	GW D7 266	GW D7 276
MAGNETIC ONLY	MOTOR PROTECTION-M magnetic threshold 6-12 lth	100	GW D7 281		GW D7 291	
		125	GW D7 282		GW D7 292	
		160	GW D7 283		GW D7 293	
		200	GW D7 284		GW D7 294	

MTX RANGE

		MTX/E 320									
											
	Release	In [A]	N (36kA)		S (50kA)		H (70kA)		L (120kA)		
			3P	4P	3P	4P	3P	4P	3P	4P	
THERMAL MAGNETIC	TM2 magnetic threshold 5-10 lth	100	GW D7 301	GW D7 311	GW D7 321	GW D7 331					
		125	GW D7 302	GW D7 312	GW D7 322	GW D7 332					
		160	GW D7 303	GW D7 313	GW D7 323	GW D7 333					
		200	GW D7 304	GW D7 314	GW D7 324	GW D7 334					
		250	GW D7 305	GW D7 315	GW D7 325	GW D7 335					
ELECTRONIC	SEP/1	I	100	GW D7 344	GW D7 364	GW D7 384	GW D7 404	GW D7 424	GW D7 444	GW D7 464	GW D7 484
			160	GW D7 345	GW D7 365	GW D7 385	GW D7 405	GW D7 425	GW D7 445	GW D7 465	GW D7 485
			250	GW D7 346	GW D7 366	GW D7 386	GW D7 406	GW D7 426	GW D7 446	GW D7 466	GW D7 486
			320	GW D7 354	GW D7 374	GW D7 394	GW D7 414	GW D7 434	GW D7 454	GW D7 474	GW D7 494
			100	GW D7 341	GW D7 361	GW D7 381	GW D7 401	GW D7 421	GW D7 441	GW D7 461	GW D7 481
	SEP/1	LS/I	160	GW D7 342	GW D7 362	GW D7 382	GW D7 402	GW D7 422	GW D7 442	GW D7 462	GW D7 482
			250	GW D7 343	GW D7 363	GW D7 383	GW D7 403	GW D7 423	GW D7 443	GW D7 463	GW D7 483
			320	GW D7 353	GW D7 373	GW D7 393	GW D7 413	GW D7 433	GW D7 453	GW D7 473	GW D7 493
			100	GW D7 347	GW D7 367	GW D7 387	GW D7 407	GW D7 427	GW D7 447	GW D7 467	GW D7 487
			160	GW D7 348	GW D7 368	GW D7 388	GW D7 408	GW D7 428	GW D7 448	GW D7 468	GW D7 488
	SEP/2	LSI	250	GW D7 349	GW D7 369	GW D7 389	GW D7 409	GW D7 429	GW D7 449	GW D7 469	GW D7 489
			320	GW D7 355	GW D7 375	GW D7 395	GW D7 415	GW D7 435	GW D7 455	GW D7 475	GW D7 495
			100	GW D7 350	GW D7 370	GW D7 390	GW D7 410	GW D7 430	GW D7 450	GW D7 470	GW D7 490
		LSIG	160	GW D7 351	GW D7 371	GW D7 391	GW D7 411	GW D7 431	GW D7 451	GW D7 471	GW D7 491
			250	GW D7 352	GW D7 372	GW D7 392	GW D7 412	GW D7 432	GW D7 452	GW D7 472	GW D7 492
		320	GW D7 356	GW D7 376	GW D7 396	GW D7 416	GW D7 436	GW D7 456	GW D7 476	GW D7 496	

			MTX/E 630									
			N (36kA)		S (50kA)		H (70kA)		L (120kA)			
	Release	In [A]	3P	4P	3P	4P	3P	4P	3P	4P		
THERMAL MAGNETIC	TM2 magnetic threshold 5-10 Ith	320	GW D7 501	GW D7 506	GW D7 511	GW D7 516	GW D7 521	GW D7 526				
		400	GW D7 502	GW D7 507	GW D7 512	GW D7 517	GW D7 522	GW D7 527				
		500	GW D7 503	GW D7 508	GW D7 513	GW D7 518	GW D7 523	GW D7 528				
ELECTRONIC	SEP/1	I	400	GW D7 534	GW D7 554	GW D7 574	GW D7 594	GW D7 614	GW D7 634	GW D7 654	GW D7 674	
			630	GW D7 540	GW D7 560	GW D7 580	GW D7 600	GW D7 620	GW D7 640	GW D7 660	GW D7 680	
		LS/I	400	GW D7 532	GW D7 552	GW D7 572	GW D7 592	GW D7 612	GW D7 632	GW D7 652	GW D7 672	
			630	GW D7 539	GW D7 559	GW D7 579	GW D7 599	GW D7 619	GW D7 639	GW D7 659	GW D7 679	
		SEP/2	LSI	400	GW D7 536	GW D7 556	GW D7 576	GW D7 596	GW D7 616	GW D7 636	GW D7 656	GW D7 676
				630	GW D7 541	GW D7 561	GW D7 581	GW D7 601	GW D7 621	GW D7 641	GW D7 661	GW D7 681
	LSIG		400	GW D7 538	GW D7 558	GW D7 578	GW D7 598	GW D7 618	GW D7 638	GW D7 658	GW D7 678	
			630	GW D7 542	GW D7 562	GW D7 582	GW D7 602	GW D7 622	GW D7 642	GW D7 662	GW D7 682	

			MTX/E 1000								
			N (36kA)		S (50kA)		H (70kA)		L (100kA)		
	Release	In [A]	3P	4P	3P	4P	3P	4P	3P	4P	
THERMAL MAGNETIC	TM2 magnetic threshold 5-10 Ith	630	GW D7 701	GW D7 706	GW D7 710	GW D7 716	GW D7 721	GW D7 726			
		800	GW D7 702	GW D7 707	GW D7 711	GW D7 717	GW D7 722	GW D7 727			
ELECTRONIC	SEP/1	I	630	GW D7 732	GW D7 752	GW D7 772	GW D7 792	GW D7 812	GW D7 832	GW D7 852	GW D7 872
			800	GW D7 736	GW D7 756	GW D7 776	GW D7 796	GW D7 816	GW D7 836	GW D7 856	GW D7 876
			1000	GW D7 740	GW D7 760	GW D7 780	GW D7 800	GW D7 820	GW D7 840	GW D7 860	GW D7 880
		LS/I	630	GW D7 731	GW D7 751	GW D7 771	GW D7 791	GW D7 811	GW D7 831	GW D7 851	GW D7 871
			800	GW D7 735	GW D7 755	GW D7 775	GW D7 795	GW D7 815	GW D7 835	GW D7 855	GW D7 875
			1000	GW D7 739	GW D7 759	GW D7 779	GW D7 799	GW D7 819	GW D7 839	GW D7 859	GW D7 879
	SEP/2	LSI	630	GW D7 733	GW D7 753	GW D7 773	GW D7 793	GW D7 813	GW D7 833	GW D7 853	GW D7 873
			800	GW D7 737	GW D7 757	GW D7 777	GW D7 797	GW D7 817	GW D7 837	GW D7 857	GW D7 877
			1000	GW D7 741	GW D7 761	GW D7 781	GW D7 801	GW D7 821	GW D7 841	GW D7 861	GW D7 881
		LSIG	630	GW D7 734	GW D7 754	GW D7 774	GW D7 794	GW D7 814	GW D7 834	GW D7 854	GW D7 874
			800	GW D7 738	GW D7 758	GW D7 778	GW D7 798	GW D7 818	GW D7 838	GW D7 858	GW D7 878
			1000	GW D7 742	GW D7 762	GW D7 782	GW D7 802	GW D7 822	GW D7 842	GW D7 862	GW D7 882

			MTSE 1600						
			S (50kA)		H (65kA)		L (100kA)		
	Release	In [A]	3P	4P	3P	4P	3P	4P	
ELECTRONIC	SEP/A	I	1250	GW 97 601	GW 97 607	GW 97 625	GW 97 631	GW 97 649	GW 97 655
			1600	GW 97 602	GW 97 608	GW 97 626	GW 97 632	GW 97 650	GW 97 656
		LI	1250	GW 97 604	GW 97 610	GW 97 628	GW 97 634	GW 97 652	GW 97 658
			1600	GW 97 605	GW 97 611	GW 97 629	GW 97 635	GW 97 653	GW 97 659
	SEP/B	LSI	1250	GW 97 613	GW 97 619	GW 97 637	GW 97 643	GW 97 661	GW 97 667
			1600	GW 97 614	GW 97 620	GW 97 638	GW 97 644	GW 97 662	GW 97 668
		LSIG	1250	GW 97 616	GW 97 622	GW 97 640	GW 97 646	GW 97 664	GW 97 670
			1600	GW 97 617	GW 97 623	GW 97 641	GW 97 647	GW 97 665	GW 97 671

		MTXM							
		MTXM 160c		MTXM 250		MTXM 320		MTXM 400	
SWITCH DISCONNECTOR	In [A]	3P	4P	3P	4P	3P	4P	3P	4P
	160	GW D7 901	GW D7 902						
	250			GW D7 903	GW D7 904				
	320					GW D7 905	GW D7 906		
400							GW D7 907	GW D7 908	

		MTXM							
		MTXM 630		MTXM 800		MTXM 1000		MTSM 1600	
SWITCH DISCONNECTOR	In [A]	3P	4P	3P	4P	3P	4P	3P	4P
	630	GW D7 909	GW D7 910						
	800			GW D7 911	GW D7 912				
	1000					GW D7 913	GW D7 914		
	1250							GW 97 715	GW 97 718
1600							GW 97 716	GW 97 719	

ADD-ON RESIDUAL CURRENT DEVICES					
"L"-SHAPED			UNDER-MOUNTING		
Suitable for	MTX/M 160c	MTX/E 160	MTX/M 250	MTX/E/M 320	MTXM 400 - MTX/E/M 630
Versions	For 4P circuit breakers only			For 4P circuit breakers only	
Instantaneous	GW D8 242	GW D8 244	GW D8 246	-	-
Adjustable	GW D8 241 (lowered) GW D8 243	GW D8 245	GW D8 247	GW D8 248 (up to 500A)	GW D8 249 (up to 500A)

	OPENING RELEASES			OPENING RELEASES	
	SHUNT-TRIP			UNDER VOLTAGE	
Suitable for	MTX/E/M 160c - 160 - 250	MTX/E/M 320 - 1000	Suitable for	MTX/E/M 160c - 160 - 250	MTX/E/M 320 - 1000
Power supply voltage			Power supply voltage		
12V DC	GW D8 101	-	24-30V AC/DC	GW D8 117	GW D8 122
24-30V AC/DC	GW D8 102	GW D8 107	48-60V AC/DC	GW D8 118	GW D8 123
48-60V AC/DC	GW D8 103	GW D8 108	127V AC - 125V DC	GW D8 119	GW D8 124
127V AC - 125V DC	GW D8 104	GW D8 109	240V AC - 250V DC	GW D8 120	GW D8 125
240V AC - 250V DC	GW D8 105	GW D8 110	380 - 400V AC	GW D8 121	GW D8 126
380 - 400V AC	GW D8 106	GW D8 111			



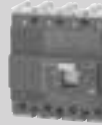
AUXILIARY CONTACTS				
Suitable for		MTX/M 160c - 160 - 250	MTXE 160	MTX/E/M 320 - 1000
Power supply voltage	Type of changeover contact			
125-250V AC/DC	3 position + 1 trip release	GW D8 141	-	-
	1 position + 1 trip release	GW D8 142	-	-
	1 position + 1 trip release + 1 elec. trip release	-	GW D8 151	-
	2 position + 1 trip release	-	GW D8 152	-
	1 position + 1 trip release	-	-	GW D8 143
250V AC/DC - 400V AC	3 position + 1 trip release	-	-	GW D8 144
	1 position + 1 trip release	-	-	GW D8 145
	2 position	-	-	GW D8 146

MTX RANGE

MTX RANGE

MOULDED CASE CIRCUIT BREAKERS FOR POWER DISTRIBUTION

MTX RANGE

		MTX 160c			MTX 160 - MTXE 160			MTX 250	
									
Continuous rated current (Iu)	(A)	160			160			250	
No. of poles		3-4			3-4			3-4	
Rated operational voltage (Ue)	(AC) 50-60Hz	690			690			690	
	(DC)	500			500			500	
Rated impulse withstand voltage (Uimp)	(kV)	8			8			8	
Rated insulation voltage (Ui)	(V)	800			800			800	
Test voltage at industrial frequency for 1 min.		3000			3000			3000	
Short circuit breaking capacity (Icu)		B	C	N	N	S	H	N	S
(AC) 50-60 Hz 220/230V	(kA)	25	40	50	65	85	100	50	85
(AC) 50-60 Hz 380/415V	(kA)	16	25	36	36	50	70	36	50
(AC) 50-60 Hz 440V	(kA)	10	15	22	30	45	55	25	40
(AC) 50-60 Hz 500V	(kA)	8	10	15	25	30	36	20	30
(AC) 50-60 Hz 690V	(kA)	3	4	6	6	7	8	5	8
(DC) 250V - 2 poles in series	(kA)	16	25	36	36	50	70	36	50
(DC) 250V - 3 poles in series	(kA)	20	30	40	40	55	85	40	55
(DC) 500V - 2 poles in series	(kA)	-	-	-	-	-	-	-	-
(DC) 500V - 3 poles in series	(kA)	16	25	36	36	50	70	36	50
(DC) 750V - 3 poles in series	(kA)	-	-	-	-	-	-	-	-
Service short circuit capacity (Ics)									
(AC) 50-60 Hz 380/415V	(kA)	100%	100%	75%	100%	100%	100%	75%	50% (27kA)
(AC) 50-60 Hz 440V	(kA)	100%	75%	50%	100%	100%	100%	75%	50%
(AC) 50-60 Hz 500V	(kA)	100%	75%	50%	100%	100%	100%	75%	50%
(AC) 50-60 Hz 690V	(kA)	100%	75%	50%	100%	100%	100%	75%	50%
Rated short-circuit making capacity (415V)	(kA)	32	52.5	75.6	75.6	105	154	75.6	105
Opening time (415V at Icu)	(ms)	7	6	5	3	3	3	7	6
Utilization category (IEC 60947-2)		A			A			A	
Suitable for isolation		■			■			■	
IEC 60947-2		■			■			■	
Thermomagnetic release for power distribution	T adjustable, M fixed	■			■			■	
	T adjustable, M adjustable (5..10 x In)	■			■			■	
Thermomagnetic release for generator protection	T adjustable, M fixed (3 x In)	■			■ (N - S)			■	
	Magnetic release for engine protection	■			■ (N - S)			■	
Electronic release for power distribution	SEP/1	■			■			■	
	SEP/2	■			■			■	
Versions		F			F - P			F - P	
Terminals	Fixed (F)	FC Cu - EF - FC CuAl - HR			F - FC Cu - FC CuAl EF - ES - R			F - FC Cu - FC CuAl EF - ES - R	
	Plug-in version (P)	-			F - FC Cu - FC CuAl EF - ES - R			F - FC Cu - FC CuAl EF - ES - R	
	Withdrawable (W)	-			-			-	
Fixing on DIN profile		DIN EN 50022			DIN EN 50022			DIN EN 50022	
Mechanical endurance (No. of total operations / No. hourly operations)		25000 / 240			25000 / 240			25000 / 240	
Electrical endurance (415V) (No. of total operations / No. hourly operations)		8000 / 120			8000 / 120			8000 / 120	
Standard dimensions, fixed 3/4 poles	L	(mm) 76 / 102			(mm) 90 / 120			(mm) 105 / 140	
	D	(mm) 70			(mm) 70			(mm) 70	
	H	(mm) 130			(mm) 130			(mm) 150	
Weight	Fixed (F) 3 / 4 P	(kg) 0.9 / 1.2			(kg) 1.1 / 1.5			(kg) 1.5 / 2	
	Plug-in version (P) 3 / 4 P	(kg) -			(kg) 1.5 / 1.9			(kg) 2.7 / 3.7	
	Withdrawable version (W) 3 / 4 P	(kg) -			(kg) -			(kg) -	

Version key:

F - Fixed
P - Plug-in
W - Withdrawable

Terminals key:

F = Front
EF = Extended front
ES = Extended divaricated front
FC Cu = Front for copper cables
FC CuAl = Front for copper or aluminium cables


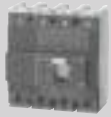

R = Rear threaded
HR = Rear horizontal flat
VR = Rear vertical flat
MC = multi-cable

Notes:

- 1 - 75% for In=630A
- 2 - 50% for In=630A
- 3 - Not available for In=1000A
- 4 - The EF terminals are supplied with the circuit breaker in the version In=1000A

MTX 320 - MTXE 320				MTX 630 - MTXE 630				MTX 1000 - MTXE 1000				MTSE 1600		
250 / 320				400 / 630				630/800/1000				1250 / 1600		
3-4				3-4				3-4				3-4		
690				690				690				690		
750				750				750				-		
8				8				8				8		
1000				1000				1000				800		
3500				3500				3500				3000		
N	S	H	L	N	S	H	L	N	S	H	L	S	H	L
70	85	100	200	70	85	100	200	70	85	100	200	85	100	200
36	50	70	120	36	50	70	120	36	50	70	100	50	65	100
30	40	65	100	30	40	65	100	30	45	50	80	40	55	80
25	30	50	85	25	30	50	85	25	35	50	65	35	45	70
20	25	40	70	20	25	40	70	20	22	25	30	20	25	35
36	50	70	100	36	50	70	100	36	50	70	100	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	36	50	70	25	36	50	70	20	35	50	65	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	25	36	50	16	25	36	50	16	20	36	50	-	-	-
100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	100%	75%	50%
100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%	100%	75%	50%
100%	100%	100%	100%	100%	100%	100%	100% ¹	100%	100%	100%	75%	100%	75%	50%
100%	100%	100%	100%	100%	100%	100% ¹	100% ²	75%	75%	75%	75%	100%	75%	50%
75.6	105.15	264	440	75.6	105.15	264	440	75.6	105	154	220	105	143	220
5	5	5	5	6	6	6	6	10	9	8	7	22	22	22
A				B (400A) - A (630A)				B (630-800A) - A (1000A)				L		
■				■				■				■		
■				■				■				■		
■				■				■				■		
■				■				■				■		
■				■				■				■		
■				■				■				■		
■				■				■				■		
F - P - W				F - P - W				F - W ³				F - W		
F - FC Cu - FC CuAl EF - ES - R - MC				F - FC CuAl EF - ES - R - RC				F - FC CuAl EF - ES - R - RC				F - FC CuAl (1250A) EF - ES - HR - VR		
EF - ES - HR - VR FC Cu - FC CuAl				EF - ES - HR - VR FC Cu - FC CuAl				-				-		
EF - ES - HR - VR FC Cu - FC CuAl				EF - ES - HR - VR FC Cu - FC CuAl				EF ⁴ - HR - VR				EF - HR - VR		
-				-				-				-		
20000 / 240				20000 / 120				20000 / 120				10000 / 120		
8000 / 120 (250A) 6000 / 120 (320A)				7000 / 60 (400A) 5000 / 60 (630A)				7000 / 60 (630A) 5000 / 60 (800A) 4000 / 60 (1000A)				7000 / 60 (1250A) 5000 / 60 (1600A)		
105 / 140				140 / 184				210 / 280				210 / 280		
103.5				103.5				103.5				138.5		
205				205				268				406		
2.35 / 3.05				3.25 / 4.15				9.5 / 12				17 / 22		
3.6 / 4.65				5.15 / 6.65				-				-		
3.85 / 4.9				5.4 / 6.9				12.1 / 15.1				21.8 / 29.2		

MTX RANGE

			MTXM 160c	MTXM 250	MTXM 320
					
Conventional thermal current (Ith)	(A)		160	250	320
Rated operating current in category AC22 (Ie)	(A)		160	250	320
Rated operating current in category AC23 (Ie)	(A)		125	200	250
No. of poles			3-4	3-4	3-4
Rated operational voltage (Ue)	(AC) 50-60Hz	(V)	690	690	690
	(DC)	(V)	500	500	750
Rated impulse withstand voltage (Uimp)	(kV)		8	8	8
Rated insulation voltage (Ui)	(V)		800	800	800
Test voltage at industrial frequency for 1 min.	(V)		3000	3000	3000
Rated short-circuit making capacity (Icm)	(kA)		2.8	5.3	5.3
Brief allowable rated current for 1s (Icw)	(kA)		2	3.6	3.6
Standard: IEC 60947-3			■	■	■
Versions			F	F - P	F - P - W
Terminals			FC Cu - EF - FC CuAl	F - FC CuAl - FC Cu - EF - ES - R	F - FC CuAl - FC Cu - EF - ES - R - MC - HR - VR
Mechanical endurance	(no. of manoeuvres / operations per hour)		25000 / 120	25000 / 120	20000 / 120
Standard dimensions, fixed, 3/4 poles	L	(mm)	76 / 102	105 / 140	105 / 140
	D	(mm)	70	70	103.5
	H	(mm)	130	150	205
Weight	Fixed (F)	3 / 4 P (kg)	0.9 / 1.2	1.5 / 2	2.35 / 3.05
	Plug-in version (P)	3 / 4 P (kg)	/	2.1 / 3.7	3.6 / 4.65
	Withdrawable version (W)	3 / 4 P (kg)	/	/	3.85 / 4.9



Version key:
 F - Fixed
 P - Plug-in
 W - Withdrawable

Terminals key:
 F = Front
 EF = Extended front
 ES = Extended divaricated front
 FC Cu = Front for copper cables
 FC CuAl = Front for copper or aluminium cables

R = Rear threaded
 HR = Rear horizontal flat
 VR = Rear vertical flat
 MC = multi-cable

	MTXM 400	MTXM 630	MTXM 800	MTXM 1000	MTSM 1600
	400	630	800	1000	1250 / 1600
	400	630	800	1000	1250 / 1600
	400	400	800	800	/
	3-4	3-4	3-4	3-4	3-4
	690	690	690	690	690
	750	750	750	750	750
	8	8	8	8	8
	800	800	1000	1000	800
	3000	3000	3500	3500	3000
	11	11	30	30	52.5
	6	6	15	15	25
	■	■	■	■	■
	F - P - W	F - P - W	F - W	F	F - W
	F - FC CuAl - FC Cu - EF - ES - R - HR - VR	F - FC CuAl - FC Cu - EF - ES - R - HR - VR	F - FC CuAl - EF - ES - R - RC	F - FC CuAl - EF - ES - R - RC	F - EF - FC CuAl (1250) - HR - VR
	20000 / 120	20000 / 120	20000 / 120	20000 / 120	1000 / 120
	140 / 184	140 / 184	210 / 280	210 / 280	210 / 280
	103.5	103.5	103.5	103.5	138.5
	205	205	268	268	406
	3.25 / 4.15	3.25 / 4.15	9.5 / 12	9.5 / 12	17 / 22
	5.15 / 6.65	5.15 / 6.65	/	/	/
	5.4 / 6.9	5.4 / 6.9	12.1 / 15.1	/	21.8 / 29.2

MTX RANGE

CHARACTERISTICS	RESIDUAL CURRENT RELEASE		
	BDI	BDR	
			
Suitable for	MTX/M 160c - MTX/E160 MTX/M 250	MTX/M 160c - MTX/E160 MTX/M 250	MTX/E/M 320 - MTXM 400 MTX/E/M 630
Type	"L"-shaped	"L"-shaped	Under-mounting
Technology	Electronic	Electronic	Electronic
Action	Solenoid	Solenoid	Solenoid
Primary operating voltage ⁽¹⁾ (V)	85...500	85...500	85...500
Operating frequency (Hz)	45...66	45...66	45...66
Self-powered	Yes	Yes	Yes
Test operation range ⁽¹⁾ (V)	85...500	85...500	85...500
Rated operating current (A)	up to 250	up to 250	up to 500
Adjustable tripping thresholds (A)	0.03 - 0.1 - 0.3 - 0.5 - 1 - 3	0.03 - 0.05 - 0.1 - 0.3 - 0.5 - 1 - 2 - 3	0.03 - 0.05 - 0.1 - 0.3 - 0.5 - 1 - 3 - 5 - 10
Adjustable tripping times (s)	Instantaneous	Instantaneous 0.1 - 0.2 - 0.3 - 0.5 - 1 - 2 - 3	Instantaneous 0.1 - 0.2 - 0.3 - 0.5 - 1 - 2 - 3
Tolerance for tripping time		± 20%	± 20%
Absorbed power ⁽²⁾	< 8W at 400V AC	< 10W at 400V AC	< 10W at 400V AC
Local tripping signalling	■	■	■
Change-over contact for tripping signalling	■	■	■
Input for remote opening		■	■
NO contact for pre-alarm signalling		■	■
NO contact for alarm signalling		■	■
Pre-alarm indication at 25% I _{dn} (tolerance ±3%)	■	■	■
Timed alarm indication at 75% I _{dn} (tolerance ±3%)	■	■	■
A type for alternating and pulsating current AC type for alternating current only	■	■	■
AE type with remote release		■	■
S type (selective)		■	■
Button key for insulation test	■	■	■
Power supply from above or below	■	■	■
Kit for converting circuit breaker with RCCB from fixed to plug-in		■	■

⁽¹⁾ Operation up to 50V phase-neutral

⁽²⁾ The absorbed power values may be lower when the power supply voltage values are lower

MTX 160C - MCCB'S UP TO 160A

MTX 160C - B TYPE - 16 kA

GWD7031



THERMO-MAGNETIC TM1 RELEASE (IM=10ITH)		
Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 001	16 A	1
GW D7 002	20 A	1
GW D7 003	25 A	1
GW D7 004	32 A	1
GW D7 005	40 A	1
GW D7 006	50 A	1
GW D7 007	63 A	1
GW D7 008	80 A	1
GW D7 009	100 A	1
GW D7 010	125 A	1
GW D7 011	160 A	1
No. OF POLES: 4P		
GW D7 021	16 A	1
GW D7 022	20 A	1
GW D7 023	25 A	1
GW D7 024	32 A	1
GW D7 025	40 A	1
GW D7 026	50 A	1
GW D7 027	63 A	1
GW D7 028	80 A	1
GW D7 029	100 A	1
GW D7 030	125 A	1
GW D7 031	160 A	1

MTX 160C - C TYPE - 25 kA

GWD7059



THERMO-MAGNETIC - TM1 RELEASE (IM=10ITH)		
Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 041	25 A	1
GW D7 042	32 A	1
GW D7 043	40 A	1
GW D7 044	50 A	1
GW D7 045	63 A	1
GW D7 046	80 A	1
GW D7 047	100 A	1
GW D7 048	125 A	1
GW D7 049	160 A	1
No. OF POLES: 4P		
GW D7 051	25 A	1
GW D7 052	32 A	1
GW D7 053	40 A	1
GW D7 054	50 A	1
GW D7 055	63 A	1
GW D7 056	80 A	1
GW D7 057	100 A	1
GW D7 058	125 A	1
GW D7 059	160 A	1

MTX RANGE

MTX 160C - N TYPE - 36 KA

GWD7078



THERMO-MAGNETIC - TM1 RELEASE (IM=10ITH)		
Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 061	32 A	1
GW D7 062	40 A	1
GW D7 063	50 A	1
GW D7 064	63 A	1
GW D7 065	80 A	1
GW D7 066	100 A	1
GW D7 067	125 A	1
GW D7 068	160 A	1
No. OF POLES: 4P		
GW D7 071	32 A	1
GW D7 072	40 A	1
GW D7 073	50 A	1
GW D7 074	63 A	1
GW D7 075	80 A	1
GW D7 076	100 A	1
GW D7 077	125 A	1
GW D7 078	160 A	1

MTX RANGE

MTX 160 / MTXE 160 - MCCB'S UP TO 160A

MTX 160 - N TYPE - 36 kA



THERMO-MAGNETIC - TM1 RELEASE (IM=10ITH)			
Code	Rated current		Pack. Carton.
No. OF POLES: 3P			
GW D7 931	10 A		1
GW D7 932	16 A		1
GW D7 933	20 A		1
GW D7 934	25 A		1
No. OF POLES: 4P			
GW D7 936	10 A		1
GW D7 937	16 A		1
GW D7 938	20 A		1
GW D7 939	25 A		1

MTX 160 - N TYPE - 36 kA

GWD7094



THERMO-MAGNETIC WITH LOW MAGNETIC THRESHOLD - TMG RELEASE (IM=3ITH)			
Code	Rated current		Pack. Carton.
No. OF POLES: 3P			
GW D7 081	25 A		1
GW D7 082	40 A		1
GW D7 083	63 A		1
GW D7 084	80 A		1
GW D7 085	100 A		1
GW D7 086	125 A		1
GW D7 087	160 A		1
No. OF POLES: 4P			
GW D7 091	25 A		1
GW D7 092	40 A		1
GW D7 093	63 A		1
GW D7 094	80 A		1
GW D7 095	100 A		1
GW D7 096	125 A		1
GW D7 097	160 A		1

MTX RANGE

MTXE 160 - N TYPE - 36 kA

GWD7155



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. OF POLES: 3P				
GW D7 146	I	10 A	SEP/1	1
GW D7 147	I	25 A	SEP/1	1
GW D7 148	I	63 A	SEP/1	1
GW D7 149	I	100 A	SEP/1	1
GW D7 150	I	160 A	SEP/1	1
GW D7 141	LS/I	10 A	SEP/1	1
GW D7 142	LS/I	25 A	SEP/1	1
GW D7 143	LS/I	63 A	SEP/1	1
GW D7 144	LS/I	100 A	SEP/1	1
GW D7 145	LS/I	160 A	SEP/1	1
No. OF POLES: 4P				
GW D7 156	I	10 A	SEP/1	1
GW D7 157	I	25 A	SEP/1	1
GW D7 158	I	63 A	SEP/1	1
GW D7 159	I	100 A	SEP/1	1
GW D7 160	I	160 A	SEP/1	1
GW D7 151	LS/I	10 A	SEP/1	1
GW D7 152	LS/I	25 A	SEP/1	1
GW D7 153	LS/I	63 A	SEP/1	1
GW D7 154	LS/I	100 A	SEP/1	1
GW D7 155	LS/I	160 A	SEP/1	1

①=May 2010

②=June 2010

③=September 2010

MTXE 160 - S TYPE - 50 kA

GWD7175



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. OF POLES: 3P				
GW D7 166	I	10 A	SEP/1	1
GW D7 167	I	25 A	SEP/1	1
GW D7 168	I	63 A	SEP/1	1
GW D7 169	I	100 A	SEP/1	1
GW D7 170	I	160 A	SEP/1	1
GW D7 161	LS/I	10 A	SEP/1	1
GW D7 162	LS/I	25 A	SEP/1	1
GW D7 163	LS/I	63 A	SEP/1	1
GW D7 164	LS/I	100 A	SEP/1	1
GW D7 165	LS/I	160 A	SEP/1	1
No. OF POLES: 4P				
GW D7 176	I	10 A	SEP/1	1
GW D7 177	I	25 A	SEP/1	1
GW D7 178	I	63 A	SEP/1	1
GW D7 179	I	100 A	SEP/1	1
GW D7 180	I	160 A	SEP/1	1
GW D7 171	LS/I	10 A	SEP/1	1
GW D7 172	LS/I	25 A	SEP/1	1
GW D7 173	LS/I	63 A	SEP/1	1
GW D7 174	LS/I	100 A	SEP/1	1
GW D7 175	LS/I	160 A	SEP/1	1

MTXE 160 - H TYPE - 70 kA

GWD7195



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. OF POLES: 3P				
GW D7 186	I	10 A	SEP/1	1
GW D7 187	I	25 A	SEP/1	1
GW D7 188	I	63 A	SEP/1	1
GW D7 189	I	100 A	SEP/1	1
GW D7 190	I	160 A	SEP/1	1
GW D7 181	LS/I	10 A	SEP/1	1
GW D7 182	LS/I	25 A	SEP/1	1
GW D7 183	LS/I	63 A	SEP/1	1
GW D7 184	LS/I	100 A	SEP/1	1
GW D7 185	LS/I	160 A	SEP/1	1
No. OF POLES: 4P				
GW D7 196	I	10 A	SEP/1	1
GW D7 197	I	25 A	SEP/1	1
GW D7 198	I	63 A	SEP/1	1
GW D7 199	I	100 A	SEP/1	1
GW D7 200	I	160 A	SEP/1	1
GW D7 191	LS/I	10 A	SEP/1	1
GW D7 192	LS/I	25 A	SEP/1	1
GW D7 193	LS/I	63 A	SEP/1	1
GW D7 194	LS/I	100 A	SEP/1	1
GW D7 195	LS/I	160 A	SEP/1	1

MTX 160 - N TYPE - 36 kA

GWD7116



ONLY MAGNETIC RELEASE - M		
Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 101	1 A	1
GW D7 102	1,6 A	1
GW D7 103	2 A	1
GW D7 104	2,5 A	1
GW D7 105	3,2 A	1
GW D7 106	4 A	1
GW D7 107	5 A	1
GW D7 108	6,5 A	1
GW D7 109	8,5 A	1
GW D7 110	11 A	1
GW D7 111	12,5 A	1
GW D7 112	20 A	1
GW D7 113	32 A	1
GW D7 114	52 A	1
GW D7 115	80 A	1
GW D7 116	100 A	1

MTX 160 - S TYPE - 50 kA

GWD7136



ONLY MAGNETIC RELEASE - M		
Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 121	1 A	1
GW D7 122	1,6 A	1
GW D7 123	2 A	1
GW D7 124	2,5 A	1
GW D7 125	3,2 A	1
GW D7 126	4 A	1
GW D7 127	5 A	1
GW D7 128	6,5 A	1
GW D7 129	8,5 A	1
GW D7 130	11 A	1
GW D7 131	12,5 A	1
GW D7 132	20 A	1
GW D7 133	32 A	1
GW D7 134	52 A	1
GW D7 135	80 A	1
GW D7 136	100 A	1

MTX RANGE

MTX 250 - MCCB'S UP TO 250A

MTX 250 - N TYPE - 36 kA

GWD7217



THERMO-MAGNETIC - TM1 RELEASE (IM=10ITH)		
Code	Rated current	Pack. Carton.
No. of Poles: 3P		
GW D7 201	63 A	1
GW D7 202	80 A	1
GW D7 203	100 A	1
GW D7 204	125 A	1
GW D7 205	160 A	1
GW D7 206	200 A	1
GW D7 207	250 A	1
No. of Poles: 4P		
GW D7 211	63 A	1
GW D7 212	80 A	1
GW D7 213	100 A	1
GW D7 214	125 A	1
GW D7 215	160 A	1
GW D7 216	200 A	1
GW D7 217	250 A	1

MTX 250 - S TYPE - 50 kA

GWD7237



THERMO-MAGNETIC - TM1 RELEASE (IM=10ITH)		
Code	Rated current	Pack. Carton.
No. of Poles: 3P		
GW D7 221	63 A	1
GW D7 222	80 A	1
GW D7 223	100 A	1
GW D7 224	125 A	1
GW D7 225	160 A	1
GW D7 226	200 A	1
GW D7 227	250 A	1
No. of Poles: 4P		
GW D7 231	63 A	1
GW D7 232	80 A	1
GW D7 233	100 A	1
GW D7 234	125 A	1
GW D7 235	160 A	1
GW D7 236	200 A	1
GW D7 237	250 A	1

MTX 250 - N TYPE - 36 kA

GWD7257



THERMO-MAGNETIC WITH LOW MAGNETIC THRESHOLD - TMG RELEASE (IM=3ITH)		
Code	Rated current	Pack. Carton.
No. of Poles: 3P		
GW D7 241	63 A	1
GW D7 242	80 A	1
GW D7 243	100 A	1
GW D7 244	125 A	1
GW D7 245	160 A	1
GW D7 246	200 A	1
GW D7 247	250 A	1
No. of Poles: 4P		
GW D7 251	63 A	1
GW D7 252	80 A	1
GW D7 253	100 A	1
GW D7 254	125 A	1
GW D7 255	160 A	1
GW D7 256	200 A	1
GW D7 257	250 A	1

MTX 250 - S TYPE - 50 kA

GWD7277



THERMO-MAGNETIC WITH LOW MAGNETIC THRESHOLD - TMG RELEASE (IM=3ITH)		
Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 261	63 A	1
GW D7 262	80 A	1
GW D7 263	100 A	1
GW D7 264	125 A	1
GW D7 265	160 A	1
GW D7 266	200 A	1
GW D7 267	250 A	1
No. OF POLES: 4P		
GW D7 271	63 A	1
GW D7 272	80 A	1
GW D7 273	100 A	1
GW D7 274	125 A	1
GW D7 275	160 A	1
GW D7 276	200 A	1
GW D7 277	250 A	1

MTX 250 - N TYPE - 36 kA

GWD7284



ONLY MAGNETIC RELEASE - M		
Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 281	100 A	1
GW D7 282	125 A	1
GW D7 283	160 A	1
GW D7 284	200 A	1

MTX 250 - S TYPE - 50 kA

GWD7294



ONLY MAGNETIC RELEASE - M		
Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 291	100 A	1
GW D7 292	125 A	1
GW D7 293	160 A	1
GW D7 294	200 A	1

MTX RANGE

MTX RANGE

MOULDED CASE CIRCUIT BREAKERS FOR POWER DISTRIBUTION

MTX 320 / MTXE 320 - MCCB'S UP TO 320A

MTX 320 - N TYPE - 36 kA

GWD7315



THERMO-MAGNETIC - TM2 RELEASE (IM=5-10ITH)		
Code	Rated current	Pack. Carton.
No. of POLES: 3P		
GW D7 301	100 A	1
GW D7 302	125 A	1
GW D7 303	160 A	1
GW D7 304	200 A	1
GW D7 305	250 A	1
No. of POLES: 4P		
GW D7 311	100 A	1
GW D7 312	125 A	1
GW D7 313	160 A	1
GW D7 314	200 A	1
GW D7 315	250 A	1

MTX 320 - S TYPE - 50 kA

GWD7335



THERMO-MAGNETIC - TM2 RELEASE (IM=5-10ITH)		
Code	Rated current	Pack. Carton.
No. of POLES: 3P		
GW D7 321	100 A	1
GW D7 322	125 A	1
GW D7 323	160 A	1
GW D7 324	200 A	1
GW D7 325	250 A	1
No. of POLES: 4P		
GW D7 331	100 A	1
GW D7 332	125 A	1
GW D7 333	160 A	1
GW D7 334	200 A	1
GW D7 335	250 A	1

①=May 2010

②=June 2010

③=September 2010

MTXE 320 - N TYPE - 36 kA

GWD7376



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. of poles: 3P				
GW D7 344	I	100 A	SEP/1	1
GW D7 345	I	160 A	SEP/1	1
GW D7 346	I	250 A	SEP/1	1
GW D7 354	I	320 A	SEP/1	1
GW D7 341	LS/I	100 A	SEP/1	1
GW D7 342	LS/I	160 A	SEP/1	1
GW D7 343	LS/I	250 A	SEP/1	1
GW D7 353	LS/I	320 A	SEP/1	1
GW D7 347	LSI	100 A	SEP/2	1
GW D7 348	LSI	160 A	SEP/2	1
GW D7 349	LSI	250 A	SEP/2	1
GW D7 355	LSI	320 A	SEP/2	1
GW D7 350	LSIG	100 A	SEP/2	1
GW D7 351	LSIG	160 A	SEP/2	1
GW D7 352	LSIG	250 A	SEP/2	1
GW D7 356	LSIG	320 A	SEP/2	1
No. of poles: 4P				
GW D7 364	I	100 A	SEP/1	1
GW D7 365	I	160 A	SEP/1	1
GW D7 366	I	250 A	SEP/1	1
GW D7 374	I	320 A	SEP/1	1
GW D7 361	LS/I	100 A	SEP/1	1
GW D7 362	LS/I	160 A	SEP/1	1
GW D7 363	LS/I	250 A	SEP/1	1
GW D7 373	LS/I	320 A	SEP/1	1
GW D7 367	LSI	100 A	SEP/2	1
GW D7 368	LSI	160 A	SEP/2	1
GW D7 369	LSI	250 A	SEP/2	1
GW D7 375	LSI	320 A	SEP/2	1
GW D7 370	LSIG	100 A	SEP/2	1
GW D7 371	LSIG	160 A	SEP/2	1
GW D7 372	LSIG	250 A	SEP/2	1
GW D7 376	LSIG	320 A	SEP/2	1

MTX RANGE

MTXE 320 - S TYPE - 50 kA

GWD7416



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. of POLES: 3P				
GW D7 384	I	100 A	SEP/1	1
GW D7 385	I	160 A	SEP/1	1
GW D7 386	I	250 A	SEP/1	1
GW D7 394	I	320 A	SEP/1	1
GW D7 381	LS/I	100 A	SEP/1	1
GW D7 382	LS/I	160 A	SEP/1	1
GW D7 383	LS/I	250 A	SEP/1	1
GW D7 393	LS/I	320 A	SEP/1	1
GW D7 387	LSI	100 A	SEP/2	1
GW D7 388	LSI	160 A	SEP/2	1
GW D7 389	LSI	250 A	SEP/2	1
GW D7 395	LSI	320 A	SEP/2	1
GW D7 390	LSIG	100 A	SEP/2	1
GW D7 391	LSIG	160 A	SEP/2	1
GW D7 392	LSIG	250 A	SEP/2	1
GW D7 396	LSIG	320 A	SEP/2	1
No. of POLES: 4P				
GW D7 404	I	100 A	SEP/1	1
GW D7 405	I	160 A	SEP/1	1
GW D7 406	I	250 A	SEP/1	1
GW D7 414	I	320 A	SEP/1	1
GW D7 401	LS/I	100 A	SEP/1	1
GW D7 402	LS/I	160 A	SEP/1	1
GW D7 403	LS/I	250 A	SEP/1	1
GW D7 413	LS/I	320 A	SEP/1	1
GW D7 407	LSI	100 A	SEP/2	1
GW D7 408	LSI	160 A	SEP/2	1
GW D7 409	LSI	250 A	SEP/2	1
GW D7 415	LSI	320 A	SEP/2	1
GW D7 410	LSIG	100 A	SEP/2	1
GW D7 411	LSIG	160 A	SEP/2	1
GW D7 412	LSIG	250 A	SEP/2	1
GW D7 416	LSIG	320 A	SEP/2	1

MTX RANGE

MTXE 320 - H TYPE - 70 kA

GWD7456



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. OF POLES: 3P				
GW D7 424	I	100 A	SEP/1	1
GW D7 425	I	160 A	SEP/1	1
GW D7 426	I	250 A	SEP/1	1
GW D7 434	I	320 A	SEP/1	1
GW D7 421	LS/I	100 A	SEP/1	1
GW D7 422	LS/I	160 A	SEP/1	1
GW D7 423	LS/I	250 A	SEP/1	1
GW D7 433	LS/I	320 A	SEP/1	1
GW D7 427	LSI	100 A	SEP/2	1
GW D7 428	LSI	160 A	SEP/2	1
GW D7 429	LSI	250 A	SEP/2	1
GW D7 435	LSI	320 A	SEP/2	1
GW D7 430	LSIG	100 A	SEP/2	1
GW D7 431	LSIG	160 A	SEP/2	1
GW D7 432	LSIG	250 A	SEP/2	1
GW D7 436	LSIG	320 A	SEP/2	1
No. OF POLES: 4P				
GW D7 444	I	100 A	SEP/1	1
GW D7 445	I	160 A	SEP/1	1
GW D7 446	I	250 A	SEP/1	1
GW D7 454	I	320 A	SEP/1	1
GW D7 441	LS/I	100 A	SEP/1	1
GW D7 442	LS/I	160 A	SEP/1	1
GW D7 443	LS/I	250 A	SEP/1	1
GW D7 453	LS/I	320 A	SEP/1	1
GW D7 447	LSI	100 A	SEP/2	1
GW D7 448	LSI	160 A	SEP/2	1
GW D7 449	LSI	250 A	SEP/2	1
GW D7 455	LSI	320 A	SEP/2	1
GW D7 450	LSIG	100 A	SEP/2	1
GW D7 451	LSIG	160 A	SEP/2	1
GW D7 452	LSIG	250 A	SEP/2	1
GW D7 456	LSIG	320 A	SEP/2	1

MTX RANGE

MTXE 320 - L TYPE - 120 kA

GWD7496



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. of POLES: 3P				
GW D7 464	I	100 A	SEP/1	1
GW D7 465	I	160 A	SEP/1	1
GW D7 466	I	250 A	SEP/1	1
GW D7 474	I	320 A	SEP/1	1
GW D7 461	LS/I	100 A	SEP/1	1
GW D7 462	LS/I	160 A	SEP/1	1
GW D7 463	LS/I	250 A	SEP/1	1
GW D7 473	LS/I	320 A	SEP/1	1
GW D7 467	LSI	100 A	SEP/2	1
GW D7 468	LSI	160 A	SEP/2	1
GW D7 469	LSI	250 A	SEP/2	1
GW D7 475	LSI	320 A	SEP/2	1
GW D7 470	LSIG	100 A	SEP/2	1
GW D7 471	LSIG	160 A	SEP/2	1
GW D7 472	LSIG	250 A	SEP/2	1
GW D7 476	LSIG	320 A	SEP/2	1
No. of POLES: 4P				
GW D7 484	I	100 A	SEP/1	1
GW D7 485	I	160 A	SEP/1	1
GW D7 486	I	250 A	SEP/1	1
GW D7 494	I	320 A	SEP/1	1
GW D7 481	LS/I	100 A	SEP/1	1
GW D7 482	LS/I	160 A	SEP/1	1
GW D7 483	LS/I	250 A	SEP/1	1
GW D7 493	LS/I	320 A	SEP/1	1
GW D7 487	LSI	100 A	SEP/2	1
GW D7 488	LSI	160 A	SEP/2	1
GW D7 489	LSI	250 A	SEP/2	1
GW D7 495	LSI	320 A	SEP/2	1
GW D7 490	LSIG	100 A	SEP/2	1
GW D7 491	LSIG	160 A	SEP/2	1
GW D7 492	LSIG	250 A	SEP/2	1
GW D7 496	LSIG	320 A	SEP/2	1

MTX RANGE

MTX 630 / MTXE 630 - MCCB'S UP TO 630A

MTX 630 - N TYPE - 36 kA

GWD7508



THERMO-MAGNETIC - TM2 RELEASE (IM=5-10ITH)		
Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 501	320 A	1
GW D7 502	400 A	1
GW D7 503	500 A	1
No. OF POLES: 4P		
GW D7 506	320 A	1
GW D7 507	400 A	1
GW D7 508	500 A	1

MTX 630 - S TYPE - 50 kA

GWD7518



THERMO-MAGNETIC - TM2 RELEASE (IM=5-10ITH)		
Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 511	320 A	1
GW D7 512	400 A	1
GW D7 513	500 A	1
No. OF POLES: 4P		
GW D7 516	320 A	1
GW D7 517	400 A	1
GW D7 518	500 A	1

MTX 630 - H TYPE - 70 kA

GWD7528



THERMO-MAGNETIC - TM2 RELEASE (IM=5-10ITH)		
Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 521	320 A	1
GW D7 522	400 A	1
GW D7 523	500 A	1
No. OF POLES: 4P		
GW D7 526	320 A	1
GW D7 527	400 A	1
GW D7 528	500 A	1

MTXE 630 - N TYPE - 36 kA

GWD7562



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. OF POLES: 3P				
GW D7 534	I	400 A	SEP/1	1
GW D7 540	I	630 A	SEP/1	1
GW D7 532	LS/I	400 A	SEP/1	1
GW D7 539	LS/I	630 A	SEP/1	1
GW D7 536	LSI	400 A	SEP/2	1
GW D7 541	LSI	630 A	SEP/2	1
GW D7 538	LSIG	400 A	SEP/2	1
GW D7 542	LSIG	630 A	SEP/2	1
No. OF POLES: 4P				
GW D7 554	I	400 A	SEP/1	1
GW D7 560	I	630 A	SEP/1	1
GW D7 552	LS/I	400 A	SEP/1	1
GW D7 559	LS/I	630 A	SEP/1	1
GW D7 556	LSI	400 A	SEP/2	1
GW D7 561	LSI	630 A	SEP/2	1
GW D7 558	LSIG	400 A	SEP/2	1
GW D7 562	LSIG	630 A	SEP/2	1

MTX RANGE

MTXE 630 - S TYPE - 50 kA

GWD7602



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. of POLES: 3P				
GW D7 574	I	400 A	SEP/1	1
GW D7 580	I	630 A	SEP/1	1
GW D7 572	LS/I	400 A	SEP/1	1
GW D7 579	LS/I	630 A	SEP/1	1
GW D7 576	LSI	400 A	SEP/2	1
GW D7 581	LSI	630 A	SEP/2	1
GW D7 578	LSIG	400 A	SEP/2	1
GW D7 582	LSIG	630 A	SEP/2	1
No. of POLES: 4P				
GW D7 594	I	400 A	SEP/1	1
GW D7 600	I	630 A	SEP/1	1
GW D7 592	LS/I	400 A	SEP/1	1
GW D7 599	LS/I	630 A	SEP/1	1
GW D7 596	LSI	400 A	SEP/2	1
GW D7 601	LSI	630 A	SEP/2	1
GW D7 598	LSIG	400 A	SEP/2	1
GW D7 602	LSIG	630 A	SEP/2	1

MTXE 630 - H TYPE - 70 kA

GWD7622



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. of POLES: 3P				
GW D7 614	I	400 A	SEP/1	1
GW D7 620	I	630 A	SEP/1	1
GW D7 612	LS/I	400 A	SEP/1	1
GW D7 619	LS/I	630 A	SEP/1	1
GW D7 616	LSI	400 A	SEP/2	1
GW D7 621	LSI	630 A	SEP/2	1
GW D7 618	LSIG	400 A	SEP/2	1
GW D7 622	LSIG	630 A	SEP/2	1
No. of POLES: 4P				
GW D7 634	I	400 A	SEP/1	1
GW D7 640	I	630 A	SEP/1	1
GW D7 632	LS/I	400 A	SEP/1	1
GW D7 639	LS/I	630 A	SEP/1	1
GW D7 636	LSI	400 A	SEP/2	1
GW D7 641	LSI	630 A	SEP/2	1
GW D7 638	LSIG	400 A	SEP/2	1
GW D7 642	LSIG	630 A	SEP/2	1

MTXE 630 - L TYPE - 120 kA

GWD7682



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. of POLES: 3P				
GW D7 654	I	400 A	SEP/1	1
GW D7 660	I	630 A	SEP/1	1
GW D7 652	LS/I	400 A	SEP/1	1
GW D7 659	LS/I	630 A	SEP/1	1
GW D7 656	LSI	400 A	SEP/2	1
GW D7 661	LSI	630 A	SEP/2	1
GW D7 658	LSIG	400 A	SEP/2	1
GW D7 662	LSIG	630 A	SEP/2	1
No. of POLES: 4P				
GW D7 674	I	400 A	SEP/1	1
GW D7 680	I	630 A	SEP/1	1
GW D7 672	LS/I	400 A	SEP/1	1
GW D7 679	LS/I	630 A	SEP/1	1
GW D7 676	LSI	400 A	SEP/2	1
GW D7 681	LSI	630 A	SEP/2	1
GW D7 678	LSIG	400 A	SEP/2	1
GW D7 682	LSIG	630 A	SEP/2	1

MTX 1000 / MTXE 1000 - MCCB'S UP TO 1000A

MTX 1000 - N TYPE - 36 kA

GWD7707



THERMO-MAGNETIC - TM2 RELEASE (IM=5-10ITH)

Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 701	630 A	1
GW D7 702	800 A	1
No. OF POLES: 4P		
GW D7 706	630 A	1
GW D7 707	800 A	1

MTX 1000 - S TYPE - 50 kA

GWD7717



THERMO-MAGNETIC - TM2 RELEASE (IM=5-10ITH)

Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 710	630 A	1
GW D7 711	800 A	1
No. OF POLES: 4P		
GW D7 716	630 A	1
GW D7 717	800 A	1

MTX 1000 - H TYPE - 70 kA

GWD7727



THERMO-MAGNETIC - TM2 RELEASE (IM=5-10ITH)

Code	Rated current	Pack. Carton.
No. OF POLES: 3P		
GW D7 721	630 A	1
GW D7 722	800 A	1
No. OF POLES: 4P		
GW D7 726	630 A	1
GW D7 727	800 A	1

MTXE 1000 - N TYPE - 36 kA

GWD7762



ELECTRONIC RELEASE

Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. OF POLES: 3P				
GW D7 732	I	630 A	SEP/1	1
GW D7 736	I	800 A	SEP/1	1
GW D7 740	I	1000 A	SEP/1	1
GW D7 731	LS/I	630 A	SEP/1	1
GW D7 735	LS/I	800 A	SEP/1	1
GW D7 739	LS/I	1000 A	SEP/1	1
GW D7 733	LSI	630 A	SEP/2	1
GW D7 737	LSI	800 A	SEP/2	1
GW D7 741	LSI	1000 A	SEP/2	1
GW D7 734	LSIG	630 A	SEP/2	1
GW D7 738	LSIG	800 A	SEP/2	1
GW D7 742	LSIG	1000 A	SEP/2	1
No. OF POLES: 4P				
GW D7 752	I	630 A	SEP/1	1
GW D7 756	I	800 A	SEP/1	1
GW D7 760	I	1000 A	SEP/1	1
GW D7 751	LS/I	630 A	SEP/1	1
GW D7 755	LS/I	800 A	SEP/1	1
GW D7 759	LS/I	1000 A	SEP/1	1
GW D7 753	LSI	630 A	SEP/2	1
GW D7 757	LSI	800 A	SEP/2	1
GW D7 761	LSI	1000 A	SEP/2	1
GW D7 754	LSIG	630 A	SEP/2	1
GW D7 758	LSIG	800 A	SEP/2	1
GW D7 762	LSIG	1000 A	SEP/2	1

MTX RANGE

MTX RANGE

MOULDED CASE CIRCUIT BREAKERS FOR POWER DISTRIBUTION

MTXE 1000 - S TYPE - 50 kA

GWD7802



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. of POLES: 3P				
GW D7 772	I	630 A	SEP/1	1
GW D7 776	I	800 A	SEP/1	1
GW D7 780	I	1000 A	SEP/1	1
GW D7 771	LS/I	630 A	SEP/1	1
GW D7 775	LS/I	800 A	SEP/1	1
GW D7 779	LS/I	1000 A	SEP/1	1
GW D7 773	LSI	630 A	SEP/2	1
GW D7 777	LSI	800 A	SEP/2	1
GW D7 781	LSI	1000 A	SEP/2	1
GW D7 774	LSIG	630 A	SEP/2	1
GW D7 778	LSIG	800 A	SEP/2	1
GW D7 782	LSIG	1000 A	SEP/2	1
No. of POLES: 4P				
GW D7 792	I	630 A	SEP/1	1
GW D7 796	I	800 A	SEP/1	1
GW D7 800	I	1000 A	SEP/1	1
GW D7 791	LS/I	630 A	SEP/1	1
GW D7 795	LS/I	800 A	SEP/1	1
GW D7 799	LS/I	1000 A	SEP/1	1
GW D7 793	LSI	630 A	SEP/2	1
GW D7 797	LSI	800 A	SEP/2	1
GW D7 801	LSI	1000 A	SEP/2	1
GW D7 794	LSIG	630 A	SEP/2	1
GW D7 798	LSIG	800 A	SEP/2	1
GW D7 802	LSIG	1000 A	SEP/2	1

MTX RANGE

MTXE 1000 - H TYPE - 70 kA

GWD7842



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. of POLES: 3P				
GW D7 812	I	630 A	SEP/1	1
GW D7 816	I	800 A	SEP/1	1
GW D7 820	I	1000 A	SEP/1	1
GW D7 811	LS/I	630 A	SEP/1	1
GW D7 815	LS/I	800 A	SEP/1	1
GW D7 819	LS/I	1000 A	SEP/1	1
GW D7 813	LSI	630 A	SEP/2	1
GW D7 817	LSI	800 A	SEP/2	1
GW D7 821	LSI	1000 A	SEP/2	1
GW D7 814	LSIG	630 A	SEP/2	1
GW D7 818	LSIG	800 A	SEP/2	1
GW D7 822	LSIG	1000 A	SEP/2	1
No. of POLES: 4P				
GW D7 832	I	630 A	SEP/1	1
GW D7 836	I	800 A	SEP/1	1
GW D7 840	I	1000 A	SEP/1	1
GW D7 831	LS/I	630 A	SEP/1	1
GW D7 835	LS/I	800 A	SEP/1	1
GW D7 839	LS/I	1000 A	SEP/1	1
GW D7 833	LSI	630 A	SEP/2	1
GW D7 837	LSI	800 A	SEP/2	1
GW D7 841	LSI	1000 A	SEP/2	1
GW D7 834	LSIG	630 A	SEP/2	1
GW D7 838	LSIG	800 A	SEP/2	1
GW D7 842	LSIG	1000 A	SEP/2	1

①=May 2010

②=June 2010

③=September 2010

MTXE 1000 - L TYPE - 100 kA

GWD7882



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. of POLES: 3P				
GW D7 852	I	630 A	SEP/1	1
GW D7 856	I	800 A	SEP/1	1
GW D7 860	I	1000 A	SEP/1	1
GW D7 851	LS/I	630 A	SEP/1	1
GW D7 855	LS/I	800 A	SEP/1	1
GW D7 859	LS/I	1000 A	SEP/1	1
GW D7 853	LSI	630 A	SEP/2	1
GW D7 857	LSI	800 A	SEP/2	1
GW D7 861	LSI	1000 A	SEP/2	1
GW D7 854	LSIG	630 A	SEP/2	1
GW D7 858	LSIG	800 A	SEP/2	1
GW D7 862	LSIG	1000 A	SEP/2	1
No. of POLES: 4P				
GW D7 872	I	630 A	SEP/1	1
GW D7 876	I	800 A	SEP/1	1
GW D7 880	I	1000 A	SEP/1	1
GW D7 871	LS/I	630 A	SEP/1	1
GW D7 875	LS/I	800 A	SEP/1	1
GW D7 879	LS/I	1000 A	SEP/1	1
GW D7 873	LSI	630 A	SEP/2	1
GW D7 877	LSI	800 A	SEP/2	1
GW D7 881	LSI	1000 A	SEP/2	1
GW D7 874	LSIG	630 A	SEP/2	1
GW D7 878	LSIG	800 A	SEP/2	1
GW D7 882	LSIG	1000 A	SEP/2	1

MTX RANGE

MTSE 1600 - MCCB'S WITH ELECTRONIC RELEASES UP TO 1600A

MTSE 1600 - S TYPE - 50 kA

GW97623



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. of poles: 3P				
GW 97 601	I	1250 A	SEP/A	1
GW 97 602	I	1600 A	SEP/A	1
GW 97 604	LI	1250 A	SEP/A	1
GW 97 605	LI	1600 A	SEP/A	1
GW 97 613	LSI	1250 A	SEP/B	1
GW 97 614	LSI	1600 A	SEP/B	1
GW 97 616	LSIG	1250 A	SEP/B	1
GW 97 617	LSIG	1600 A	SEP/B	1
No. of poles: 4P				
GW 97 607	I	1250 A	SEP/A	1
GW 97 608	I	1600 A	SEP/A	1
GW 97 610	LI	1250 A	SEP/A	1
GW 97 611	LI	1600 A	SEP/A	1
GW 97 619	LSI	1250 A	SEP/B	1
GW 97 620	LSI	1600 A	SEP/B	1
GW 97 622	LSIG	1250 A	SEP/B	1
GW 97 623	LSIG	1600 A	SEP/B	1

MTSE 1600 - H TYPE - 70 kA

GW97647



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. of poles: 3P				
GW 97 625	I	1250 A	SEP/A	1
GW 97 626	I	1600 A	SEP/A	1
GW 97 628	LI	1250 A	SEP/A	1
GW 97 629	LI	1600 A	SEP/A	1
GW 97 637	LSI	1250 A	SEP/B	1
GW 97 638	LSI	1600 A	SEP/B	1
GW 97 640	LSIG	1250 A	SEP/B	1
GW 97 641	LSIG	1600 A	SEP/B	1
No. of poles: 4P				
GW 97 631	I	1250 A	SEP/A	1
GW 97 632	I	1600 A	SEP/A	1
GW 97 634	LI	1250 A	SEP/A	1
GW 97 635	LI	1600 A	SEP/A	1
GW 97 643	LSI	1250 A	SEP/B	1
GW 97 644	LSI	1600 A	SEP/B	1
GW 97 646	LSIG	1250 A	SEP/B	1
GW 97 647	LSIG	1600 A	SEP/B	1

MTSE 1600 - L TYPE - 100 kA

GW97671



ELECTRONIC RELEASE				
Code	Microprocessor functions	Rated current	Type of release	Pack. Carton.
No. of poles: 3P				
GW 97 649	I	1250 A	SEP/A	1
GW 97 650	I	1600 A	SEP/A	1
GW 97 652	LI	1250 A	SEP/A	1
GW 97 653	LI	1600 A	SEP/A	1
GW 97 661	LSI	1250 A	SEP/B	1
GW 97 662	LSI	1600 A	SEP/B	1
GW 97 664	LSIG	1250 A	SEP/B	1
GW 97 665	LSIG	1600 A	SEP/B	1
No. of poles: 4P				
GW 97 655	I	1250 A	SEP/A	1
GW 97 656	I	1600 A	SEP/A	1
GW 97 658	LI	1250 A	SEP/A	1
GW 97 659	LI	1600 A	SEP/A	1
GW 97 667	LSI	1250 A	SEP/B	1
GW 97 668	LSI	1600 A	SEP/B	1
GW 97 670	LSIG	1250 A	SEP/B	1
GW 97 671	LSIG	1600 A	SEP/B	1

MTXM - SWITCH-DISCONNECTORS UP TO 1000A

MTXM 160c - SWITCH DISCONNECTORS

GWD7902



SWITCH DISCONNECTORS		
Code	Rated current	Pack. Carton.
No. of poles: 3P		
GW D7 901	160 A	1
No. of poles: 4P		
GW D7 902	160 A	1

MTXM 250 - SWITCH DISCONNECTORS

GWD7904



SWITCH DISCONNECTORS		
Code	Rated current	Pack. Carton.
No. of poles: 3P		
GW D7 903	250 A	1
No. of poles: 4P		
GW D7 904	250 A	1

MTXM 320 - SWITCH DISCONNECTORS

GWD7906



SWITCH DISCONNECTORS		
Code	Rated current	Pack. Carton.
No. of poles: 3P		
GW D7 905	320 A	1
No. of poles: 4P		
GW D7 906	320 A	1

MTXM 400 - SWITCH DISCONNECTORS

GWD7908



SWITCH DISCONNECTORS		
Code	Rated current	Pack. Carton.
No. of poles: 3P		
GW D7 907	400 A	1
No. of poles: 4P		
GW D7 908	400 A	1

MTX RANGE

MTX RANGE

MOULDED CASE CIRCUIT BREAKERS FOR POWER DISTRIBUTION

MTXM 630 - SWITCH DISCONNECTORS

GWD7910



SWITCH DISCONNECTORS		
Code	Rated current	Pack. Carton.
No. of POLES: 3P		
GW D7 909	630 A	1
No. of POLES: 4P		
GW D7 910	630 A	1

MTXM 800 - SWITCH DISCONNECTORS

GWD7912



SWITCH DISCONNECTORS		
Code	Rated current	Pack. Carton.
No. of POLES: 3P		
GW D7 911	800 A	1
No. of POLES: 4P		
GW D7 912	800 A	1

MTXM 1000 - SWITCH DISCONNECTORS

GWD7914



SWITCH DISCONNECTORS		
Code	Rated current	Pack. Carton.
No. of POLES: 3P		
GW D7 913	1000 A	1
No. of POLES: 4P		
GW D7 914	1000 A	1

MTX RANGE

①=May 2010

②=June 2010

③=September 2010

MTSM - SWITCH DISCONNECTORS UP TO 1600 A

MTSM 1600 - SWITCH DISCONNECTORS

GW97719



SWITCH DISCONNECTORS

Code	Rated current	Pack. Carton.
No. of poles: 3P		
GW 97 715	1250 A	1
GW 97 716	1600 A	1
No. of poles: 4P		
GW 97 718	1250 A	1
GW 97 719	1600 A	1

ACCESSORIES FOR MOULDED-CASE CIRCUIT BREAKERS

BD - ADD-ON RESIDUAL CURRENT DEVICES

GW D8 247



BD - RESIDUAL CURRENT RELEASES - L-SHAPED AND UNDER - 4 POLES

Code	Type	Tripping	Pack. Carton.
SUITABLE FOR: MTX/M 160c			
GW D8 241	"L" shape - 4P - lowered	Adjustable	1
GW D8 242	"L" shape - 4P	Instantaneous	1
GW D8 243	"L" shape - 4P	Adjustable	1
SUITABLE FOR: MTX/E 160			
GW D8 244	"L" shape - 4P	Instantaneous	1
GW D8 245	"L" shape - 4P	Adjustable	1
SUITABLE FOR: MTX/M 250			
GW D8 246	"L" shape - 4P	Instantaneous	1
GW D8 247	"L" shape - 4P	Adjustable	1
SUITABLE FOR: MTX/E/M 320			
GW D8 248	Under - 4P	Adjustable	1
SUITABLE FOR: MTXM 400-MTX/E/M 630			
GW D8 249	Under - 4P	Adjustable	1

NOTES: the releases are supplied complete with an opening solenoid with auxiliary contact for the light signalling of residual current device tripping (to be housed in the slot of the third pole), and a finishing cover for the cell.
The presence of the residual current device release is incompatible with the rotary handle manoeuvre or frontal motor control. The releases for MTX/E 160 and MTX/M 250 are supplied with front terminals for copper cables. It is possible to use downstream a special horizontal flat terminal kit (not provided with the Add-on RCD) besides the front terminal for copper cable already mounted on the MCCB MTX 160c.

TRANSFORMATION FROM FIXED TO PLUG-IN

GW D8 003



FIXED PARTS FOR PLUG-IN MCCB'S COMPLETE WITH FRONT TERMINALS (F)

Code	No. of poles	Pack. Carton.
SUITABLE FOR: MTX/E 160		
GW D8 001	3P	1
GW D8 002	4P	1
SUITABLE FOR: MTX/M 250		
GW D8 003	3P	1
GW D8 004	4P	1

GW D8 011



FIXED PARTS FOR PLUG-IN MCCB'S COMPLETE WITH EXTENDED FRONT TERMINALS (EF)

Code	No. of poles	Pack. Carton.
SUITABLE FOR: MTX/E/M 320		
GW D8 007	3P	1
GW D8 008	4P	1
SUITABLE FOR: MTXM 400-MTX/E 630 (400A)		
GW D8 009	3P	1
GW D8 010	4P	1
SUITABLE FOR: MTX/E/M 630 (500/630A)		
GW D8 011	3P	1
GW D8 012	4P	1

GWD8019



FIXED PARTS FOR PLUG-IN MCCB'S COMPLETE WITH FLAT, VERTICAL, REAR TERMINALS (VR)		
Code	No. of poles	Pack. Carton.
SUITABLE FOR: MTX/E/M 320		
GW D8 015	3P	1
GW D8 016	4P	1
SUITABLE FOR: MTXM 400-MTX/E 630 (400A)		
GW D8 017	3P	1
GW D8 018	4P	1
SUITABLE FOR: MTX/E/M 630 (500/630A)		
GW D8 019	3P	1
GW D8 020	4P	1

GWD8027



FIXED PARTS FOR PLUG-IN MCCB'S COMPLETE WITH FLAT, HORIZONTAL, REAR TERMINALS (HR)		
Code	No. of poles	Pack. Carton.
SUITABLE FOR: MTX/E/M 320		
GW D8 023	3P	1
GW D8 024	4P	1
SUITABLE FOR: MTXM 400-MTX/E 630 (400A)		
GW D8 025	3P	1
GW D8 026	4P	1
SUITABLE FOR: MTX/E/M 630 (500/630A)		
GW D8 027	3P	1
GW D8 028	4P	1

MTX RANGE

GWD8059



CONVERSION KIT FOR TRANSFORMING MCCB'S FROM FIXED TO MOVING PART OF PLUG-IN MCCB'S		
Code	No. of poles	Pack. Carton.
SUITABLE FOR: MTX/E/M 160		
GW D8 051	3P	1
GW D8 052	4P	1
SUITABLE FOR: MTX/M 250		
GW D8 053	3P	1
GW D8 054	4P	1
SUITABLE FOR: MTX/E/M 320		
GW D8 055	3P	1
GW D8 056	4P	1
SUITABLE FOR: MTXM 400-MTX/E 630 (400A)		
GW D8 057	3P	1
GW D8 058	4P	1
SUITABLE FOR: MTXM 400-MTX/E/M 630 (500/630A)		
GW D8 059	3P	1
GW D8 060	4P	1

TRANSFORMATION FROM FIXED TO WITHDRAWABLE

GWD8031



FIXED PARTS FOR EXTRACTABLE MCCB'S COMPLETE WITH EXTENDED FRONT TERMINALS (EF)		
Code	No. of poles	Pack. Carton.
SUITABLE FOR: MTXM 800-MTX/E/M 1000 (800A)		
GW D8 031	3P	1
GW D8 032	4P	1
SUITABLE FOR: MTSE/M 1600		
GW 98 221	3P	1
GW 98 222	4P	1

NOTES: for versions with lever control provide also the frontal.

GWD8038



FIXED PARTS FOR WITHDRAWABLE MCCB'S COMPLETE WITH FLAT, VERTICAL, REAR TERMINALS (VR)

Code	No. of poles	Pack. Carton.
SUITABLE FOR: MTXM 400-MTX/E/M 630		
GW D8 036	3P	1
GW D8 037	4P	1
SUITABLE FOR: MTXM 800-MTX/E/M 1000 (800A)		
GW D8 038	3P	1
GW D8 039	4P	1
SUITABLE FOR: MTSE/M 1600		
GW 98 223	3P	1
GW 98 224	4P	1

NOTES: for versions with lever control provide also the frontal.

GWD8045



FIXED PARTS FOR WITHDRAWABLE MCCB'S COMPLETE WITH FLAT, HORIZONTAL, REAR TERMINALS (HR)

Code	No. of poles	Pack. Carton.
SUITABLE FOR: MTXM 400-MTX/E/M 630		
GW D8 043	3P	1
GW D8 044	4P	1
SUITABLE FOR: MTXM 800-MTX/E/M 1000 (800A)		
GW D8 045	3P	1
GW D8 046	4P	1
SUITABLE FOR: MTSE/M 1600		
GW 98 225	3P	1
GW 98 226	4P	1

NOTES: for versions with lever control provide also the frontal.

GWD8072



CONVERSION KIT FOR TRANSFORMING MCCB'S FROM FIXED TO MOVING PART OF WITHDRAWABLE MCCB'S

Code	No. of poles	Pack. Carton.
SUITABLE FOR: MTX/E/M 320		
GW D8 066	3P	1
GW D8 067	4P	1
SUITABLE FOR: MTXM 400-MTX/E 630 (400A)		
GW D8 068	3P	1
GW D8 069	4P	1
SUITABLE FOR: MTX/E/M 630 (500/630A)		
GW D8 070	3P	1
GW D8 071	4P	1
SUITABLE FOR: MTXM 800-MTX/E/M 1000 (800A)		
GW D8 072	3P	1
GW D8 073	4P	1
SUITABLE FOR: MTSE/M 1600		
GW 98 227	3P	1
GW 98 228	4P	1

GWD8080



KIT FOR TRANSFORMING FROM PLUG-IN TO WITHDRAWABLE

Code	No. of poles	Pack. Carton.
SUITABLE FOR: MTX/E/M 320		
GW D8 079		1
SUITABLE FOR: MTXM 400-MTX/E/M 630		
GW D8 080		1

MTX RANGE

CONNECTORS FOR ACCESSORIES FOR PLUG-IN AND WITHDRAWABLE MCCB'S

GW D8 133



CONNECTORS FOR ACCESSORIES FOR PLUG-IN AND EXTRACTABLE MCCB'S

Code	Type of accessory	Type of accessory	Number of threeway switches	Number of pin	Pack. Carton.
SUITABLE FOR: MTX/E/M 160/c-250					
GW D8 133	Opening releases			3	1
GW D8 134	Frontal motor control	Auxiliary contacts	2	6	1
GW D8 135	Auxiliary contacts		4	12	1
SUITABLE FOR: MTX/E/M 320-1000					
GW D8 164	Opening releases			5	1
GW D8 165	Auxiliary contacts		2	6	1
GW D8 166	Motor control	Opening releases		10	1
GW D8 167	Auxiliary contacts		4	12	1
SUITABLE FOR: MTSE/M 1600					
GW 98 296	Opening releases				1
GW 98 311	Auxiliary contacts		2		1
GW 98 336	Motor control	Opening releases			1

NOTE: for the MTXE 160 auxiliary contacts (3 open/close contacts version), it is necessary to use both the GW D8 133 and the GW D8 134 connector.

The GW D8 134 is always supplied with the frontal motor control. In the case of installation of both motor control and auxiliary contacts it is necessary to use the GW D8 166 connectors for MTX/E/M 320-1000 or GW 98 336 connector for MTSE/M 1600.

ACCESSORIES FOR FIXED PARTS OF PLUG-IN AND WITHDRAWABLE MCCB'S

MTX RANGE

GW98481



POSITION CONTACTS FOR FIXED PART OF PLUG-IN OR WITHDRAWABLE MCCB'S

Code	Type of indicator	Type of signal	Pack. Carton.
SUITABLE FOR: MTX/E/M 160-250			
GW D8 158	Switch in		1
SUITABLE FOR: MTX/E/M 320-1000			
GW D8 159	Switch in		1
GW D8 160	Switch out		1
SUITABLE FOR: MTSE/M 1600			
GW 98 481	Switch out		1
GW 98 482	Switch out	Digital signal	1
GW 98 483	Switch in		1
GW 98 484	Switch in	Digital signal	1

GW98485



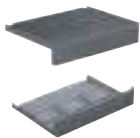
BLOCK FOR FIXED PART OF WITHDRAWABLE MCCB'S

Code	Type	Key	Pack. Carton.
SUITABLE FOR: MTX/E/M 320-1000			
GW D8 086	Key lock		1
GW D8 087	Key lock	RONIS	1
SUITABLE FOR: MTSE/M 1600			
GW 98 485	Key lock	Different for each circuit breaker	1
GW 98 486	Key lock	Same for groups of circuit breakers	1
GW 98 487	Locking with padlock		1
GW 98 367	Key lock	RONIS	1

GW98485: always supplied with different keys

GW98486: always supplied with the same key

GW D8 091



INSULATION TERMINAL COVERS FOR FIXED PARTS

Code	No. of poles	Pack. Carton.
SUITABLE FOR: MTX/E/M 320		
GW D8 091	3P	1
GW D8 092	4P	1
SUITABLE FOR: MTXM 400-MTX/E/M 630		
GW D8 093	3P	1
GW D8 094	4P	1

OPENING RELEASES

GW D8101



SHUNT TRIP RELEASES

Code	Supply voltage	Pack. Carton.
SUITABLE FOR: MTX/E/M 160/c-250		
GW D8 101	12V dc	1
GW D8 102	24 - 30V ac/dc	1
GW D8 103	48 - 60V ac/dc	1
GW D8 104	127V ac - 125V dc	1
GW D8 105	240V ac - 250V dc	1
GW D8 106	380 - 440V ac	1
SUITABLE FOR: MTX/E/M 320-1000		
GW D8 107	24 - 30V ac/dc	1
GW D8 108	48 - 60V ac/dc	1
GW D8 109	127V ac - 125V dc	1
GW D8 110	240V ac - 250V dc	1
GW D8 111	380 - 440V ac	1
SUITABLE FOR: MTSE/M 1600		
GW 98 260	24V ac/dc	1
GW 98 261	48V ac/dc	1
GW 98 263	120V ac - 125V dc	1
GW 98 264	240V ac - 250V dc	1
GW 98 265	380 - 400V ac	1

NOTE: the release of the MCCB's MTSE/M 1600 must be completed with the relative connectors.

GW D8117



UNDER VOLTAGE RELEASES

Code	Supply voltage	Pack. Carton.
SUITABLE FOR: MTX/E/M 160/c-250		
GW D8 117	24 - 30V ac/dc	1
GW D8 118	48V ac/dc	1
GW D8 119	127V ac - 125V dc	1
GW D8 120	240V ac - 250V dc	1
GW D8 121	380 - 400V ac	1
SUITABLE FOR: MTX/E/M 320-1000		
GW D8 122	24 - 30V ac/dc	1
GW D8 123	48V ac/dc	1
GW D8 124	127V ac - 125V dc	1
GW D8 125	240V ac - 250V dc	1
GW D8 126	380 - 400V ac	1
SUITABLE FOR: MTSE/M 1600		
GW 98 281	24V ac	1
GW 98 282	48V ac	1
GW 98 284	110 - 127V ac	1
GW 98 285	220 - 250V ac	1
GW 98 286	380 - 440V ac	1
GW 98 288	24V dc	1
GW 98 289	48V dc	1
GW 98 291	110 - 125V dc	1
GW 98 292	220 - 250V dc	1

NOTE: the release of the MCCB's MTSE/M 1600 must be completed with the relative connectors.

GW 98268



ELECTRONIC DELAY DEVICE FOR UNDER VOLTAGE RELEASES

Code	Suitable for	Supply voltage	Pack. Carton.
GW D8 136	MTX/E/M 160/c-1000	220 - 250V ac/dc	1
GW 98 268	MTSE/M 1600	110 - 220V ac	1

NOTE: the GW98268 is already equipped with a minimum voltage release

MTX RANGE

ELECTRICAL SIGNALLING

GW08141



AUXILIARY CONTACTS

Code	N. 1CO contact	N. 1CO fault indic. switch	Contact rating in AC (A)	Contact rating in DC (A)	Pack. Carton.
SUITABLE FOR: MTX/M 160/c-250					
GW D8 141	3	1	6(125V)-5(250V)	0,3(125V)-0,15(250V)	1
GW D8 142	1	1	6(125V)-5(250V)	0,3(125V)-0,15(250V)	1
SUITABLE FOR: MTXE 160					
GW D8 151	1	2	6(125V)-5(250V)	0,3(125V)-0,15(250V)	1
GW D8 152	2	1	6(125V)-5(250V)	0,3(125V)-0,15(250V)	1
SUITABLE FOR: MTX/E/M 320-1000					
GW D8 143	1	1	6(125V)-5(250V)	0,3(125V)-0,15(250V)	1
GW D8 144	3	1	6(125V)-5(250V)	0,3(125V)-0,15(250V)	1
GW D8 145	1	1	12(250V)-3(400V)	0,5(125V)-0,3(250V)	1
GW D8 146	2	-	12(250V)-3(400V)	0,5(125V)-0,3(250V)	1
SUITABLE FOR: MTSE/M 1600					
GW 98 300	2	-	6(250V)-3(400V)	0,3(125V)-0,15(250V)	1
GW 98 301	1	1	6(250V)-3(400V)	0,3(125V)-0,15(250V)	1

NOTE: one of the two CO fault indicator switches of the GW D8 151 indicates the tripping of the electronic release.
The auxiliary contacts of the MCCB's MTSE/M 1600 must be completed with the relative connectors.

GW98305



AUXILIARY CONTACTS FOR DIGITAL SIGNALS

Code	Contact type	Contact type	Pack. Carton.
SUITABLE FOR: MTSE/M 1600			
GW 98 305	2open/close auxiliary contacts		1
GW 98 306	1open/close auxiliary contacts	1 CO fault indicator switch	1
GW 98 307	1NO + 1NC		1

NOTE: the auxiliary contacts of the MCCB's MTSE/M 1600 must be completed with the relative connectors.

GW98424



ANTICIPATED CONSENT CONTACTS WITH CONNECTOR

Code	Description	Application	Pack. Carton.
SUITABLE FOR: MTSE/M 1600			
GW 98 424	Contact + connector	For under voltage release	1

CONNECTORS FOR MTSE/M 1600 ACCESSORIES

GW98310



CONNECTORS FOR MTSE/M 1600 ACCESSORIES

Code	Description	For MCCB	Length (m)	Pack. Carton.
SUITABLE FOR: MTSE/M 1600				
GW 98 295	For opening release	Fixed	2	1
GW 98 310	For auxiliary contacts	Fixed	2	1
GW 98 335	For motor control and auxiliary contact	Fixed	2	1

REMOTE CONTROLS

GW08172



SOLENOID MOTOR CONTROL

Code	Supply voltage	Pack. Carton.
SUITABLE FOR: MTX/E/M 160/c-250 - FRONT MOUNTING		
GW D8 171	110-250V ac/dc	1
SUITABLE FOR: MTX/E/M 160c-160 - SIDE MOUNTING		
GW D8 172	110-250V ac/dc	1

GW D8176



ENERGY ACCUMULATION MOTOR CONTROL

Code	Supply voltage	Pack. Carton.
SUITABLE FOR: MTX/E/M 320-630		
GW D8 173	24V dc	1
GW D8 174	220-250V ac/dc	1
SUITABLE FOR: MTXM 800-MTX/E/M 1000		
GW D8 175	24V dc	1
GW D8 176	220-250V ac/dc	1
SUITABLE FOR: MTSE/M 1600		
GW 98 326	24V dc	1
GW 98 331	220-250V ac/dc	1
GW 98 332	380V ac	1

NOTE: the motor control of the MCCB's MTSE/M 1600 must be completed with the relative connectors.

ROTARY CONTROL

GW D8185



DIRECT ROTARY HANDLE CONTROL

Code	Type	For MCCB	Pack. Carton.
SUITABLE FOR: MTX/E/M 160/c-250			
GW D8 181		Fixed	1
GW D8 182	Emergency	Fixed	1
SUITABLE FOR: MTX/E/M 320-630			
GW D8 183		Fixed and plug-in	1
GW D8 184		Withdrawable	1
SUITABLE FOR: MTXM 800-MTX/E/M 1000			
GW D8 185		Fixed	1
GW D8 186		Withdrawable	1
SUITABLE FOR: MTSE/M 1600			
GW 98 344		Fixed	1
GW 98 345		Withdrawable	1
GW 98 346	Emergency	Fixed and withdrawable	1

GW 98354



CONTROL WITH ROTARY SHAFT EXTENDED HANDLE

Code	Type	Distance	For MCCB	Pack. Carton.
SUITABLE FOR: MTX/E/M 160/c-250				
GW D8 187	On door	adjustable (Lmax=470.5mm)	Fixed and plug-in	1
GW D8 188	Emergency on door	adjustable (Lmax=470.5mm)	Fixed and plug-in	1
SUITABLE FOR: MTX/E/M 320-630				
GW D8 189	On door	adjustable (Lmax=500 mm)	Fixed and plug-in	1
GW D8 190	Emergency on door	adjustable (Lmax=500 mm)	Fixed and plug-in	1
GW D8 191	On door	adjustable (Lmax=500 mm)	Withdrawable	1
GW D8 192	Emergency on door	adjustable (Lmax=500 mm)	Withdrawable	1
SUITABLE FOR: MTXM 800-MTX/E/M 1000				
GW D8 193	On door	adjustable (Lmax=500 mm)	Fixed	1
GW D8 194	Emergency on door	adjustable (Lmax=500 mm)	Fixed	1
GW D8 195	On door	adjustable (Lmax=500 mm)	Withdrawable	1
GW D8 196	Emergency on door	adjustable (Lmax=500 mm)	Withdrawable	1
SUITABLE FOR: MTSE/M 1600				
GW 98 354	On door	adjustable (Lmax=500 mm)	Fixed	1
GW 98 355	On door	adjustable (Lmax=500 mm)	Withdrawable	1
GW 98 356	Emergency on door	adjustable (Lmax=500 mm)	Fixed	1

GW 98490



IP54 GASKET FOR ROTARY HANDLE CONTROL

Code	Suitable for	Pack. Carton.
GW D8 197	MTX/E/M 160/c-250	1
GW D8 198	MTX/E 320-1000	1
GW 98 490	MTSE/M 1600	1

MTX RANGE

MECHANICAL BLOCK AND INTERLOCK

GWD8223



FRONTAL			
Code	Type	For MCCB	Pack. Carton.
SUITABLE FOR: MTX/E/M 320-630			
GW D8 221	For level control	Fixed and plug-in	1
GW D8 222	For level control	Withdrawable	1
SUITABLE FOR: MTXM 800-MTX/E/M 1000			
GW D8 223	For level control	Fixed	1
GW D8 224	For level control	Withdrawable	1
SUITABLE FOR: MTSE/M 1600			
GW 98 361	For level control	Fixed	1
GW 98 362	For level control	Withdrawable	1

GWD8201



LEVER BLOCK WITH LOCKS			
Code	Type	Application	Pack. Carton.
SUITABLE FOR: MTX/E/M 160/c-250			
GW D8 201	Plug-in device	Closing manoeuvre lock	1
GW D8 202	Front plate	Opening/closing manoeuvre lock	1

MTX RANGE

GWD8205



RONIS KEY LOCK IN OPEN POSITION			
Code	Type	For MCCB	Pack. Carton.
GW D8 205	Key lock	MTX/M 160c	1
GW D8 206	Key lock	MTX/E 160	1
GW D8 207	Key lock	MTX/M 250	1

GWD8210



KEY LOCK FOR ROTARY HANDLE			
Code	Type	For MCCB	Pack. Carton.
GW D8 210	Key lock	MTX/E/M 160/c-250	1

GWD8213



KEY LOCK FOR FRONT AND/OR ROTARY HANDLE			
Code	Type	For MCCB	Pack. Carton.
GW D8 213	Key lock	MTX/E/M 320-630	1
GW D8 214	Key lock	MTXM 800-MTX/E/M 1000	1
GW 98 366	Key lock	MTSE/M 1600	1

GW98364



KEY LOCK FOR MOTOR CONTROL				
Code	Type	For MCCB	Characteristics	Pack. Carton.
GW D8 217	Key lock	MTX/E/M 320-630		1
GW D8 218	Key lock	MTXM 800-MTX/E/M 1000		1
GW 98 364	Key lock	MTSE/M 1600		1
GW 98 365	Key lock	MTSE/M 1600	Against manual control	1

GW98364: always supplied with the same key
 GW98365: always supplied with different keys

GWD8226



FRONT MECHANICAL INTERLOCK BETWEEN TWO MCCB'S		
Code	Suitable for	Pack. Carton.
GW D8 226	MTX/E/M 160/c-250	1

GW D8 230



REAR MECHANICAL INTERLOCK BETWEEN TWO MTX/E/M 320-630 CIRCUIT BREAKERS ON PLATE

Code	For MCCB	For MCCB	Characteristics	Pack. Carton.
GW D8 230			Frame	1
GW D8 231	MTX/E320 (F/P/W)	MTX/E320 (F/P/W)	Horizontal	1
GW D8 234	MTX/E630 400A(F/P/W)-630A(F)	MTX/E630 400A(F/P/W)-630A(F)	Horizontal	1
GW D8 235	MTX/E630 400A(F/P/W)-630A(F)	MTX/E630 (P/W)	Horizontal	1
GW D8 236	MTX/E630 (P/W)	MTX/E630 (P/W)	Horizontal	1

NOTE: the mechanical interlock consists of a frame and a specific back mounting for the related MCCB's and the execution type (F=Fixed, P=Plug-in, W=Withdrawable). Also valid for MTXM 320/400/630 in the same executions.

GW 98 380



REAR MECHANICAL INTERLOCK BETWEEN TWO MCCB'S ON BACK MOUNTING PLATE

Code	Suitable for	Installation	Pack. Carton.
GW D8 237	MTX/M 250	Horizontal	1
GW D8 238	MTXM 800-MTX/E/M 1000	Horizontal	1
GW 98 380	MTSE/M 1600	Horizontal	1

GW D8 239



SEALABLE BLOCKAGE OF THERMAL ADJUSTMENT

Code	Suitable for	Pack. Carton.
GW D8 239	MTX/E/M 160/c-250	1

INSTALLATION ACCESSORIES

GW D8 261



BRACKETS FOR FIXING ON DIN PROFILE

Code	Type	Characteristics	Pack. Carton.
SUITABLE FOR: MTX/E/M 160/c			
GW D8 261	DIN EN 50022		1
GW D8 263	DIN EN 50022	With L-shape add-on RCD	1
GW D8 265	DIN EN 50022	With side motor control	1
GW D8 266	DIN EN 50022	With lowered add-on RCD	1
SUITABLE FOR: MTX/M 250			
GW D8 262	DIN EN 50022		1
GW D8 264	DIN EN 50022	With L-shape add-on RCD	1

CONNECTION TERMINALS

GW D8 321



EXTENDED FRONT TERMINALS (EF)

Code	Rated current	No. terminals	Pack. Carton.
SUITABLE FOR: MTX/M 160c			
GW D8 321	160 A	3	1
GW D8 327	160 A	4	1
SUITABLE FOR: MTX/E 160			
GW D8 322	160 A	3	1
GW D8 328	160 A	4	1
SUITABLE FOR: MTX/M 250			
GW D8 323	250 A	3	1
GW D8 329	250 A	4	1
SUITABLE FOR: MTX/E/M 320			
GW D8 324	320 A	3	1
GW D8 330	320 A	4	1
SUITABLE FOR: MTXM 400-MTX/E/M 630			
GW D8 325	630 A	3	1
GW D8 331	630 A	4	1
SUITABLE FOR: MTXM 800-MTX/E/M 1000			
GW D8 326	1000 A	3	1
GW D8 332	1000 A	4	1
SUITABLE FOR: MTSE/M 1600			
GW 98 389	1600 A	3	1
GW 98 390	1600 A	4	1

GWD8361



FRONT EXTENDED SPREAD TERMINALS (ES)

Code	Type	Rated current	Number of terminals	Pack. Carton.
SUITABLE FOR: MTX/E 160				
GW D8 361		160 A	3	1
GW D8 367		160 A	4	1
SUITABLE FOR: MTX/M 250				
GW D8 362		250 A	3	1
GW D8 368		250 A	4	1
SUITABLE FOR: MTX/E/M 320				
GW D8 363		320 A	3	1
GW D8 369		320 A	4	1
SUITABLE FOR: MTXM 400-MTX/E/M 630				
GW D8 364		630 A	3	1
GW D8 370		630 A	4	1
SUITABLE FOR: MTXM 800-MTX/E/M 1000				
GW D8 365	1/2 kit upper	1000 A	3	1
GW D8 366	1/2 kit lower	1000 A	3	1
GW D8 371		1000 A	4	1
SUITABLE FOR: MTSE/M 1600				
GW 98 399	1/2 kit upper	1600 A	3	1
GW 98 400	1/2 kit lower	1600 A	3	1
GW 98 401		1600 A	4	1

MTX RANGE

GWD8381



FRONT TERMINALS FOR COPPER CABLES (FC CU)

Code	Rated current	Number of terminals	Pack. Carton.
SUITABLE FOR: MTX/E 160			
GW D8 381	160 A	3	1
GW D8 385	160 A	4	1
SUITABLE FOR: MTX/M 250			
GW D8 382	250 A	3	1
GW D8 386	250 A	4	1
SUITABLE FOR: MTX/E/M 320			
GW D8 383	320 A	3	1
GW D8 387	320 A	4	1
SUITABLE FOR: MTXM 400-MTX/E/M 630			
GW D8 384	630 A	3	1
GW D8 388	630 A	4	1

GWD8341



FRONT TERMINALS FOR COPPER/ALUMINIUM CABLES (FC CU-AL)

Code	Cable section	Rated current	Number of terminals	Pack. Carton.
SUITABLE FOR: MTX/M 160c				
GW D8 341	35-95 mm ²	160 A	3	1
GW D8 349	35-95 mm ²	160 A	4	1
SUITABLE FOR: MTX/E 160				
GW D8 342	1-95 mm ²	160 A	3	1
GW D8 350	1-95 mm ²	160 A	4	1
SUITABLE FOR: MTX/M 250				
GW D8 343	70-185mm ²	250 A	3	1
GW D8 351	70-185mm ²	250 A	4	1
SUITABLE FOR: MTX/E/M 320				
GW D8 344	1x185mm ²	320 A	3	1
GW D8 352	1x185mm ²	320 A	4	1
SUITABLE FOR: MTXM 400-MTX/E/M 630				
GW D8 345	1x240mm ²	400 A	3	1
GW D8 346	1x240mm ²	630 A	3	1
GW D8 353	1x240mm ²	400 A	4	1
GW D8 354	1x240mm ²	630 A	4	1
SUITABLE FOR: MTXM 800-MTX/E/M 1000				
GW D8 347	3x185mm ²	800 A	3	1
GW D8 348	3x185mm ²	1000 A	3	1
GW D8 355	3x185mm ²	800 A	4	1
GW D8 356	3x185mm ²	1000 A	4	1
SUITABLE FOR: MTSE/M 1600				
GW 98 421	4x240 mm ²	1250 A	3	1
GW 98 422	4x240 mm ²	1250 A	4	1

①=May 2010

②=June 2010

③=September 2010

GWD8391



FRONT MULTI-CABLE TERMINALS (MC)

Code	Cable section	Pack. Carton.
SUITABLE FOR: MTX/E/M 320		
GW D8 391	6x35mm ²	1
GW D8 393	6x35mm ²	1
SUITABLE FOR: MTXM 400-MTX/E/M 630		
GW D8 392	6x35mm ²	1
GW D8 394	6x35mm ²	1

GWD8401



REAR TERMINALS (R)

Code	Rated current	Number of terminals	Pack. Carton.
SUITABLE FOR: MTX/E 160			
GW D8 401	160 A	3	1
GW D8 406	160 A	4	1
SUITABLE FOR: MTX/M 250			
GW D8 402	250 A	3	1
GW D8 407	250 A	4	1
SUITABLE FOR: MTX/E/M 320			
GW D8 403	320 A	3	1
GW D8 408	320 A	4	1
SUITABLE FOR: MTXM 400-MTX/E/M 630			
GW D8 404	630 A	3	1
GW D8 409	630 A	4	1
SUITABLE FOR: MTXM 800-MTX/E/M 1000			
GW D8 405	1000 A	3	1
GW D8 410	1000 A	4	1

GWD8416



REAR FLAT HORIZONTAL TERMINALS (HR)

Code	Rated current	Number of terminals	Pack. Carton.
SUITABLE FOR: MTX/M 160c			
GW D8 416	160 A	3	1
GW D8 417	160 A	4	1
SUITABLE FOR: MTX/M 160c+BD			
GW D8 418	160 A	4	1

GW98435



REAR FLAT HORIZONTAL OR VERTICAL TERMINALS

Code	Rated current	Number of terminals	Pack. Carton.
SUITABLE FOR: MTSE/M 1600			
GW 98 434	1600 A	3	1
GW 98 435	1600 A	4	1

MTX RANGE

MTX RANGE

MOULDED CASE CIRCUIT BREAKERS FOR POWER DISTRIBUTION

GWD8271



PAIR OF ISOLATING TERMINAL COVERS				
Code	No. of poles	Type	Suitable for MCCB	Pack. Carton.
SUITABLE FOR: MTX/M 160c				
GW D8 271	3P	High	Fixed	1
GW D8 281	4P	High	Fixed	1
GW D8 291	3P	Low	Fixed	1
GW D8 301	4P	Low	Fixed	1
SUITABLE FOR: MTX/E 160				
GW D8 272	3P	High	Fixed	1
GW D8 282	4P	Fisso	Fixed	1
GW D8 292	3P	Low	Fixed and plug-in	1
GW D8 302	4P	Low	Fixed and plug-in	1
SUITABLE FOR: MTX/M 250				
GW D8 273	3P	High	Fixed	1
GW D8 283	4P	High	Fixed	1
GW D8 293	3P	Low	Fixed and plug-in	1
GW D8 303	4P	Low	Fixed and plug-in	1
SUITABLE FOR: MTX/E/M 320				
GW D8 274	3P	High	Fixed	1
GW D8 284	4P	High	Fixed	1
GW D8 294	3P	Low	Fixed, plug-in, withdrawable	1
GW D8 304	4P	Low	Fixed, plug-in, withdrawable	1
SUITABLE FOR: MTXM 400-MTX/E/M 630				
GW D8 275	3P	High	Fixed	1
GW D8 285	4P	High	Fixed	1
GW D8 295	3P	Low	Fixed, plug-in, withdrawable	1
GW D8 305	4P	Low	Fixed, plug-in, withdrawable	1
SUITABLE FOR: MTXM 800-MTX/E/M 1000				
GW D8 276	3P	High	Fixed	1
GW D8 286	4P	High	Fixed	1
GW D8 296	3P	Low	Fixed and withdrawable	1
GW D8 306	4P	Low	Fixed and withdrawable	1
SUITABLE FOR: MTSE/M 1600				
GW 98 456	3P	Low	Fixed and withdrawable	1
GW 98 457	4P	Low	Fixed and withdrawable	1

MTX RANGE

GWD8309



SCREWS FOR SEALING TERMINAL COVERS		
Code	Suitable for	Pack. Carton.
GW D8 309	MTX/E/M 160/c-630	1
GW D8 310	MTXM 800-MTX/E/M 1000	1

GWD8312



LOW SEPARATING PARTITIONS			
Code	Suitable for	No. terminals	Pack. Carton.
GW D8 311	MTX/E/M 160/c-250 3P	4	1
GW D8 312	MTX/E/M 160/c-250 4P	6	1
GW D8 313	MTX/E/M 320-630 3P	4	1
GW D8 314	MTX/E/M 320-630 4P	6	1
GW D8 315	MTXM 800-MTX/E/M 1000 3P	4	1
GW D8 316	MTXM 400-MTX/E/M 1000 4P	6	1

RDQ - EARTH LEAKAGE RELAY FOR SOLID PANEL

GW98491



RESIDUAL CURRENT RELEASE FOR SOLID PANEL AND TOROID			
Code	Type	Diameter (mm)	Pack. Carton.
GW 98 491	Solid-core current transformer	60	1
GW 98 492	Solid-core current transformer	110	1
GW 98 493	Solid-core current transformer	185	1
GW 98 494	Split-core current transformer	110	1
GW 98 495	Split-core current transformer	180	1
GW 98 496	Split-core current transformer	230	1

CHARACTERISTICS: the sensitivity (I_{dn}) and delay thresholds are adjustable:

I_{dn} (A): 0.03 - 0.05 - 0.1 - 0.3 - 0.5 - 1 - 3 - 5 - 10 - 30.

dt (s): 0 - 0.1 - 0.2 - 0.3 - 0.5 - 0.7 - 1 - 2 - 3 - 5.

①=May 2010

②=June 2010

③=September 2010

ACCESSORIES FOR ELECTRONIC RELEASES

GW98458



TEST UNIT		
Code	Type	Pack. Carton.
GW 98 458	Test unit	1

AUTOMATIC CHANGEOVER SWITCH POWER GRID - POWER UNIT

GW98497



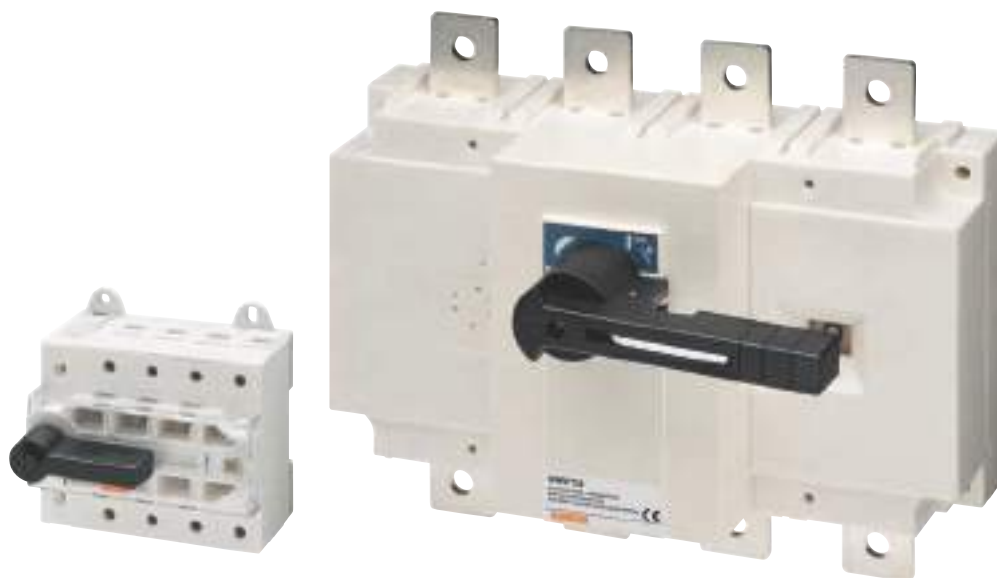
AUTOMATIC CHANGEOVER SWITCH POWER GRID - POWER UNIT					
Code	Rated voltage (V)	Max power consumption	No. Lines managed	Installation	Pack. Carton.
GW 98 497	24 - 48 DC	5 (24 Vdc) 10 (48 Vdc)	2	From panel H>=200mm	1

97 MSS range

Rotary switch disconnectors up to 630A






The MSS rotary switch disconnectors guarantee robustness and reliability in the control and isolation of circuits up to 630A.

- Four different sizes depending on the current.
- High performance, both in alternating current and direct current.
- Contact status visible through the special front window.
- Full integration with the distribution boards of the 47 CVX Range.



97 MSS RANGE

ROTARY SWITCH DISCONNECTORS UP TO 630 A

MSS - ROTARY SWITCH DISCONNECTORS									
	MSS 125		MSS 160		MSS 250		MSS 630		MSS 125 - THREEWAY SWITCH (I O II)
									
In [A]	3P	4P	3P	4P	3P	4P	3P	4P	4P
63	GW 97 721	GW 97 724							
100	GW 97 722	GW 97 725							
125	GW 97 723	GW 97 726							GW 97 761 + GW 98 517
160			GW 97 727	GW 97 728					
250					GW 97 729	GW 97 730			
400							GW 97 731	GW 97 733	
630							GW 97 732	GW 97 734	

DOOR COUPLING ROTARY HANDLES - IP 65



MSS 125 - MSS 160		MSS 250 - MSS 630		MSS 125 - SWITCH (I O II)
Black handle	Red handle	Black handle	Red handle	Black handle
GW 98 521	GW 98 524	GW 98 522	GW 98 525	GW 98 523

All the rotary handles include transmission rods.

AUXILIARY CONTACTS







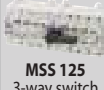
MSS 125 - MSS 160	MSS 250 - MSS 630	MSS 125 - SWITCH (I O II)
GW 98 514	GW 98 515	GW 98 516

TERMINAL COVERS (1 code = 1 piece)



MSS 160	MSS 250		MSS 630	
3P - 4P	3P	4P	3P	4P
GW 98 508	GW 98 509	GW 98 510	GW 98 511	GW 98 512

97 MSS RANGE

TYPE										
		MSS 125	MSS 160	MSS 250	MSS 630	MSS 125 3-way switch (I O II)				
Reference Standard:		EN 60947-3								
Rated current (In):	(A)	63	100	125	160	250	400	630	125	
No. poles:		3-4	3-4	3-4	3-4	3-4	3-4	3-4	4	
Rated operational voltage (Ue):	AC (V)	400	400	400	400	400	400	400	400	
	DC (V)	220	220	220	220	220	220	220	-	
Maximum operating voltage (max Ue):	AC (V)	690	690	690	690	690	690	690	690	
	DC (V)	440	440	440	440	500	500	500	220	
Rated insulation voltage (Ui):	AC (V)	800	800	800	800	800	1000	1000	800	
Rated impulse withstand voltage (Uimp):	(kV)	8	8	8	8	8	12	12	8	
Voltage	Category of use⁽¹⁾	Operating currents Ie (A)								
400V AC	AC-21 A / AC-21 B	63 / 63	100 / 100	125 / 125	160 / 160	250 / 250	400 / 400	630 / 630	125 / 125	
	AC-22 A / AC-22 B	63 / 63	100 / 100	125 / 125	160 / 160	250 / 250	400 / 400	630 / 630	125 / 125	
	AC-23 A / AC-23 B	63 / 63	63 / 63	63 / 63	160 / 160	250 / 250	400 / 400	500 / 630	63 / 63	
500V AC	AC-21 A / AC-21 B	63 / 63	100 / 100	125 / 125	160 / 160	250 / 250	400 / 400	630 / 630	-	
	AC-22 A / AC-22 B	63 / 63	100 / 100	100 / 100	160 / 160	250 / 250	400 / 400	500 / 500	-	
	AC-23 A / AC-23 B	50 / 50	50 / 50	50 / 50	160 / 160	250 / 250	315 / 315	315 / 315	-	
690V AC ⁽²⁾	AC-20 A / AC-20 B	63 / 63	100 / 100	125 / 125	160 / 160	250 / 250	400 / 400	630 / 630	125 / 125	
	AC-21 A / AC-21 B	63 / 63	80 / 80	80 / 80	160 / 160	250 / 250	400 / 400	500 / 500	80 / 80	
	AC-22 A / AC-22 B	40 / 40	40 / 40	40 / 40	160 / 160	250 / 160	250 / 315	315 / 315	40 / 40	
220V DC	DC-20 A / DC-20 B	63 / 63	100 / 100	125 / 125	160 / 160	250 / 250	400 / 400	630 / 630	125 ⁽³⁾ / 125 ⁽³⁾	
	DC-21 A / DC-21 B	63 ⁽³⁾ / 63 ⁽³⁾	100 ⁽³⁾ / 100 ⁽³⁾	125 ⁽³⁾ / 125 ⁽³⁾	160 ⁽³⁾ / 160 ⁽³⁾	250 / 250	400 / 400	630 / 630	125 ⁽³⁾ / 125 ⁽³⁾	
	DC-22 A / DC-22 B	63 ⁽³⁾ / 63 ⁽³⁾	100 ⁽³⁾ / 100 ⁽³⁾	100 ⁽³⁾ / 100 ⁽³⁾	160 ⁽³⁾ / 160 ⁽³⁾	250 / 250	400 / 400	500 / 500	100 ⁽³⁾ / 100 ⁽³⁾	
400V DC	DC-20 A / DC-20 B	-	-	-	-	250 / 250	400 / 400	630 / 630	-	
	DC-21 A / DC-21 B	-	-	-	-	200 ⁽⁴⁾ / 200 ⁽⁴⁾	400 ⁽⁴⁾ / 400 ⁽⁴⁾	500 ⁽⁴⁾ / 500 ⁽⁴⁾	-	
	DC-22 A / DC-22 B	-	-	-	-	200 ⁽⁴⁾ / 200 ⁽⁴⁾	400 ⁽⁴⁾ / 400 ⁽⁴⁾	500 ⁽⁴⁾ / 500 ⁽⁴⁾	-	
440V DC	DC-20 A / DC-20 B	63 ⁽³⁾ / 63 ⁽³⁾	100 ⁽³⁾ / 100 ⁽³⁾	125 ⁽³⁾ / 125 ⁽³⁾	160 ⁽³⁾ / 160 ⁽³⁾	-	-	-	-	
	DC-21 A / DC-21 B	40 ⁽³⁾ / 40 ⁽³⁾	40 ⁽³⁾ / 40 ⁽³⁾	40 ⁽³⁾ / 40 ⁽³⁾	160 ⁽³⁾ / 160 ⁽³⁾	-	-	-	-	
	DC-22 A / DC-22 B	32 ⁽³⁾ / 32 ⁽³⁾	32 ⁽³⁾ / 32 ⁽³⁾	32 ⁽³⁾ / 32 ⁽³⁾	100 ⁽³⁾ / 100 ⁽³⁾	-	-	-	-	
500V DC	DC-20 A / DC-20 B	-	-	-	-	250 / 250	400 / 400	630 / 630	-	
	DC-21 A / DC-21 B	-	-	-	-	200 ⁽⁴⁾ / 200 ⁽⁴⁾	400 ⁽⁴⁾ / 400 ⁽⁴⁾	500 ⁽⁴⁾ / 500 ⁽⁴⁾	-	
	DC-22 A / DC-22 B	-	-	-	-	200 ⁽³⁾ / 200 ⁽³⁾	315 ⁽³⁾ / 400 ⁽³⁾	500 ⁽³⁾ / 500 ⁽³⁾	-	
Rated short-time withstand current (Icw):		(kA)	2,5	2,5	2,5	4	9	13	2,5	
Rated short-circuit making capacity (Icm)⁽⁵⁾:		(kA)	12	12	12	16	30	45	12	
Rated conditional short circuit current with fuse (Icc)⁽⁶⁾:		(kA)	100 (gG 63)	100 (gG 100)	50 (gG 125)	50 (gG 160)	50 (gG 250)	100 (gG 400)	70 (gG 630)	50 (gG 125)
Rated conditional short circuit current with MCB (Icc)⁽⁶⁾:		(kA)								
MT 60			6	6	6	-	-	-	6	
MT 100			10	10	10	-	-	-	10	
MTHP 160			16	16	16	16	-	-	16	
MTHP 250			25	25	25	-	-	-	25	
MTX 160c		B / C	12	11	11	16	16	-	11	
		N	12	11	11	20	36	-	11	
MTX/E 160		N / S / H	10	10	10	16	36	-	10	
MTX 250 / MTX 320		N / S / H / L	8	8	8	10	28	-	8	
MTX/E 630		N	-	-	-	-	22	36	-	
		S / H / L	-	-	-	-	22	55	-	
MTX/E 1000		N	-	-	-	-	-	36	-	
		S / H / L	-	-	-	-	-	40	-	
Pre-arrangement for lock:			yes	yes	yes	yes	yes	yes	yes	
Mechanical endurance:		(no. of manoeuvre cycles)	20,000	20,000	20,000	10,000	10,000	5,000	10,000	
Maximum no. of auxiliary contacts that can be installed:			2	2	2	2	1	1	1	
Maximum cable section:		flexible (mm²)	35 ⁽⁷⁾	35 ⁽⁷⁾	35 ⁽⁷⁾	70 ⁽⁸⁾	70 ⁽⁸⁾	-	35 ⁽⁷⁾	
		rigid (mm²)	50	50	50	95	150	240	2 x 300	
Maximum busbar width:		(mm)	-	-	-	20	32	40	-	

⁽¹⁾ category with index A = frequent manoeuvres/category with index B = non-frequent manoeuvres; ⁽²⁾ with terminal covers or pole separation shield; ⁽³⁾ 4-pole device with 2 poles in series for each polarity; ⁽⁴⁾ 3-pole device with 2 poles in series for "++" and 1 pole for "-"; ⁽⁵⁾ indicates the peak current value for an operating voltage Ue = 400V AC; ⁽⁶⁾ for an operating voltage Ue = 400V AC; ⁽⁷⁾ connected directly on the frame; ⁽⁸⁾ also with terminals.

97 MSS RANGE

97 MSS RANGE

ROTARY SWITCH DISCONNECTORS UP TO 630 A

MSS - ROTARY SWITCH DISCONNECTORS UP TO 630 A

MSS 125 - SWITCH DISCONNECTORS

GW97726



SWITCH DISCONNECTORS				
Code	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. OF POLES: 3P				
GW 97 721	63 A	400 V	6	1
GW 97 722	100 A	400 V	6	1
GW 97 723	125 A	400 V	6	1
No. OF POLES: 4P				
GW 97 724	63 A	400 V	6	1
GW 97 725	100 A	400 V	6	1
GW 97 726	125 A	400 V	6	1

NOTE: mounting on DIN rail EN 50022.

MSS 160 - SWITCH DISCONNECTORS

GW97728



SWITCH DISCONNECTORS				
Code	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. OF POLES: 3P				
GW 97 727	160 A	400 V	8	1
No. OF POLES: 4P				
GW 97 728	160 A	400 V	8	1

NOTE: mounting on DIN rail EN 50022.

MSS 250 - SWITCH DISCONNECTORS

GW97730



SWITCH DISCONNECTORS				
Code	Rated current	Rated voltage		Pack. Carton.
No. OF POLES: 3P				
GW 97 729	250 A	400 V		1
No. OF POLES: 4P				
GW 97 730	250 A	400 V		1

MSS 630 - SWITCH DISCONNECTORS

GW97734



SWITCH DISCONNECTORS				
Code	Rated current	Rated voltage		Pack. Carton.
No. OF POLES: 3P				
GW 97 731	400 A	400 V		1
GW 97 732	630 A	400 V		1
No. OF POLES: 4P				
GW 97 733	400 A	400 V		1
GW 97 734	630 A	400 V		1

MSS 125 - THREE SWITCH DISCONNECTORS (I O II)

GW97761



THREE WAY SWITCH DISCONNECTORS (I O II)				
Code	Rated current	Rated voltage	No. of modules EN 50022	Pack. Carton.
No. OF POLES: 4P				
GW 97 761	125 A	400 V	12	1

①=May 2010

②=June 2010

③=September 2010

DOOR COUPLING ROTARY HANDLES - IP65

GW98522



DOOR COUPLING ROTARY HANDLES - IP65

Code	Handle colour	Length shaft	Pack. Carton.
SUITABLE FOR: MSS 125 / MSS 160			
GW 98 521	Black	200 mm	1
GW 98 524	Red - emergency	200 mm	1
SUITABLE FOR: MSS 250 / MSS 630			
GW 98 522	Black	320 mm	1
GW 98 525	Red - emergency	320 mm	1
SUITABLE FOR: MSS 125 THREE-WAY SWITCH DISCONNECTORS			
GW 98 523	Black	200 mm	1

NOTE: all the rotary coupling handles include a shaft extension.

APPLICATIONS: the rotary coupling handles include a door locking function.

AUXILIARY CONTACTS

GW98515



AUXILIARY CONTACTS

Code	Type of contacts	Max no. per switch	Contact rating	Pack. Carton.
SUITABLE FOR: MSS 125 / MSS 160				
GW 98 514	1 Changeover	2	5A - 250V	1
SUITABLE FOR: MSS 250 / MSS 630				
GW 98 515	1 Changeover	1	10A - 250V	1
SUITABLE FOR: MSS 125 THREE-WAY SWITCH DISCONNECTORS				
GW 98 516	2 Changeover	2	5A - 250V	1

TERMINAL COVERS

GW98508

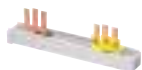


TERMINAL COVERS

Code	No. of poles	Number of terminal covers	Pack. Carton.
SUITABLE FOR: MSS 160			
GW 98 508	3P - 4P	1	1
SUITABLE FOR: MSS 250			
GW 98 509	3P	1	1
GW 98 510	4P	1	1
SUITABLE FOR: MSS 630			
GW 98 511	3P	1	1
GW 98 512	4P	1	1

INSTALLATION ACCESSORIES

GW98517



OUTGOING CONNECTIONS FOR THREE WAY SWITCH DISCONNECTORS

Code	No. of poles	Pack. Carton.
SUITABLE FOR: MSS 125 THREE-WAY SWITCH DISCONNECTORS		
GW 98 517	4P	1

CVX range

Metal distribution boards

The 47 CVX range is a system of metal distribution boards characterised by a modern and elegant design.

The range is made up of:

- **CVX 160 I** and **CVX 160 E**. Monobloc flush- and wall-mounting distribution boards up to 160A with extractable frame IP30-40-55-65.
- **CVX 630 K**. Modular wall and floor-mounting distribution boards up to 630A IP43.
- **CVX 630 M**. Monobloc wall and floor-mounting distribution boards up to 630A IP55.
- **CVX 1600**. Modular distribution cabinets up to 3200A IP65.
- **BUSBAR**. GWFIX quick dividers for modular and moulded-case circuit breakers and shaped/flat bar distribution systems up to 3200A.




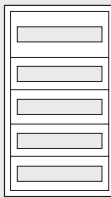

47 CVX 160i RANGE

FLUSH-MOUNTING DISTRIBUTION BOARDS UP TO 160A

CVX 160 I STRUCTURES

General characteristics In: up to 160 A Capacity: 24 modules* each row Installation: indoors Colour: RAL 7035 grey		No. EN 50022 MODULES (17.5mm)		
		96 (4x24)	120 (5x24)	144 (6x24)
IP 30	 without door	GW 47 072	GW 47 073	GW 47 074
	 glass door	GW 47 082	GW 47 083	GW 47 084
IP 40	 solid door	GW 47 087	GW 47 088	GW 47 089

47 CVX 160i RANGE

FACTORY-WIRED CONFIGURATIONS **				
MAX. NO. ROWS/ NO. MODULES	Pitch 150mm**			
		4 rows - 96 modules*	5 rows - 120 modules*	6 rows - 144 modules*
	Board functional height (mm)	600	800	1000

* EN 50022 modules (17.5mm) ** For the 120-module version, the pitch of the first panel is 200mm, whereas for the 144-module version the pitch of the first two panels is 200mm.

CVX 160 I DISTRIBUTION BOARD CONFIGURATION

Front panel height (mm)	FRONT PANELS				DIN RAIL KIT			DEVICE INSTALLATION KIT FOR COUNTRY-SPECIFIC STANDARD
	Panels with windows	Solid panels	Panels for instruments	Pair of hinges	EN 50022 rail	Double EN 50022 rail (aluminium)	EN 50035 rail	
50	-	GW 47 173	-	-	-	-	-	
150	GW 47 178	GW 47 174	-	GW 47 191	GW 47 251	GW 47 252	GW 47 253	
200	GW 47 179	GW 47 175	Instrum. 72x72 GW 47 176 Instrum. 96x96 GW 47 177					
300	-	-	-	-	-	-	-	GW 47 263

COMPLEMENTARY ITEMS

Earth bar	Wiring trunking support	Nuts in cage	Module mask	Document wallet	Security lock with key	Aerosol spray paint for retouching RAL 7035 grey
GW 47 193	GW 47 194 E	GW 47 195	GW 47 291	GW 46 447	GW 47 192	GW 47 196

SPARE DOORS

Board functional height (mm)	IP 40	
	glass door	solid door
600	 GW 47 111	 GW 47 121
800	GW 47 112	GW 47 122
1000	GW 47 113	GW 47 123

47 CVX 160i RANGE

47 CVX 160i RANGE

FLUSH-MOUNTING DISTRIBUTION BOARDS UP TO 160A

CVX 160i	
Regulation: EN 60439-1 and EN 60439-3, EN 61439-1 and EN 61439-2, EN 62208	Degree of protection: IP 30 without door
Rated current (I _{nc}): up to 160 A	IP 40 with transparent/smoked door
Rated operational voltage (U _{nc}): up to 500V ac	Operating temperature: -5°C - 40°C
Rated insulation voltage (U _i): up to 500 V ac	Storage temperature: -25°C - 55°C
Rated impulse withstand voltage (U _{imp}): 6 kV 1.2/50 µs	Sheet steel casing: 10/10mm thick
Rated conditioned short-circuit current (I _{cc}): 10 kA	Sheet steel door: 12/10mm thick
Rated peak withstand current (I _{pk}): 17 kA	Sheet steel painted with colour grey RAL 7035 epoxy-polyester powder
Rated short-time withstand current (I _{swt}): 10 kA (1s)	
Protection against indirect contact: metal casing prearranged for earth connection	

STRUCTURES

IP30 DISTRIBUTION BOARDS

GW47072



PREASSEMBLED DISTRIBUTION BOARDS IN PAINTED SHEET STEEL - GREY RAL 7035 COMPLETE WITH OUTFIT FOR MODULAR DEVICES - WITHOUT DOOR

Code	Functional dim. LxH (mm)	Depth D (mm)	No. modules DIN	Dispersible power(W)	Pack. Carton.
GW 47 072	600x600	105+25	96 (24x4)	162	1
GW 47 073	600x800	105+25	120 (24x5)	186	1
GW 47 074	600x1000	105+25	144 (24x6)	205	1

ACCESSORIES SUPPLIED: mortar guard. Service identification label.
Front panels complete with EN 50022 rail (DIN 35) and fixing accessories. Module masks.

IP40 DISTRIBUTION BOARDS

GW47082



PREASSEMBLED DISTRIBUTION BOARDS IN PAINTED SHEET STEEL - GREY RAL 7035 - COMPLETE WITH OUTFIT FOR MODULAR DEVICES - SMOKED CURVED TEMPERED SAFETY GLASS DOOR EQUIPPED WITH 2 LOCKS

Code	Functional dim. LxH (mm)	Depth D (mm)	No. modules DIN	Dispersible power(W)	Pack. Carton.
GW 47 082	600x600	105+65	96 (24x4)	110	1
GW 47 083	600x800	105+65	120 (24x5)	125	1
GW 47 084	600x1000	105+65	144 (24x6)	141	1

ACCESSORIES SUPPLIED: mortar guard. Service identification label.
Front panels complete with EN 50022 rail (DIN 35) and fixing accessories. Module masks. 2 double-fin keys.

GW47087



PREASSEMBLED DISTRIBUTION BOARDS IN PAINTED SHEET STEEL - GREY RAL 7035 COMPLETE WITH OUTFIT FOR MODULAR DEVICES BLANK DOOR IN SHEET METAL WITH 2 LOCKS

Code	Functional dim. LxH (mm)	Depth D (mm)	No. modules DIN	Dispersible power(W)	Pack. Carton.
GW 47 087	600x600	105+34	96 (24x4)	115	1
GW 47 088	600x800	105+34	120 (24x5)	130	1
GW 47 089	600x1000	105+34	144 (24x6)	146	1

ACCESSORIES SUPPLIED: mortar guard. Service identification label.
Front panels complete with EN 50022 rail (DIN 35) and fixing accessories. Module masks. 2 double-fin keys.

①=May 2010

②=June 2010

③=September 2010

FRONT CONFIGURATION

INSTALLATION KIT FOR COUNTRY-SPECIFIC DEVICES

GW47263



FRONT PANELS WITH WINDOW COMPLETE WITH EN 50 022 RAILS AND PLATES FOR FIXING SUPPORT BASES FOR THE EDF BLUE TARIFF CONNECTING SWITCH - FRENCH STANDARD

Code	Suited for EN 50022	Dimensions LxH (mm)	Pack. Carton.
GW 47 263	24 modules (2x12)	600x300	1/5

ACCESSORIES SUPPLIED: Module masks. Fixing accessories. Earthing set.

NOTES: these panels allow the installation of support bases for TARIF BLEU connecting switch (GW40511, GW40512) and support bases for connecting switch (GW40513, GW40514).

FRONT PANELS

GW47179



FRONT PANELS WITH WINDOW FOR MODULAR DEVICES

Code	External Dim. LxH (mm)	Pack. Carton.
MODULES: 24		
GW 47 178	600x150	1/10
GW 47 179	600x200	1/10

ACCESSORIES SUPPLIED: module masks, pair of hinges.

CHARACTERISTICS: front panel colour Grey RAL 7035, in quick coupling insulation material with ergonomic grip Blue RAL 5003, prearrangement of the panels for rotation hinges (included).

GW47174



SOLID FRONT PANELS

Code	External Dim. LxH (mm)	Pack. Carton.
MODULES: 24		
GW 47 173	600x50	1/10
GW 47 174	600x150	1/10
GW 47 175	600x200	1/10

ACCESSORIES SUPPLIED: pair of hinges

CHARACTERISTICS: front panel colour Grey RAL 7035, in quick coupling insulation material with ergonomic grip Blue RAL 5003, prearrangement of the panels, except GW47173, for rotation hinges (included).

GW47177



FRONT PANELS FOR MEASURING INSTRUMENTS AND THREE-WAY SWITCHES

Code	External Dim. LxH (mm)	3-way switch no. x hole Ø	Instruments N. x dimensions	Pack. Carton.
MODULES: 24				
GW 47 176	600x200	1 Ø9,5 mm	4 72x72 mm	1/10
GW 47 177	600x200	1 Ø9,5 mm	4 96x96 mm	1/10

ACCESSORIES SUPPLIED: pair of hinges.

APPLICATIONS: installation of ammeters, voltmeters, voltmeter/ammeter selector switches and residual current relays for distribution boards.

CHARACTERISTICS: front panel Grey RAL 7035, in quick coupling insulation material with ergonomic grip Blue RAL 5003, pre-arrangement of the panels for rotation hinges (included).

47 CVX 160i
RANGE

INTERNAL CONFIGURATION

DIN RAIL KIT

GW47251



DIN RAILS FOR MODULAR DEVICES AND TERMINALS - COMPLETE WITH BRACKETS AND SUPPORTS FOR ASSEMBLY

Code	Section dim. HxD (mm)	Profile	Material	Pack. Carton.
MODULES: 24				
GW 47 251	35x15	EN 50022 (DIN 35)	Galvanized metal	1/10
GW 47 252	2x(35x7,5)	double EN 50022 (DIN 35)	Aluminium	1/10
GW 47 253	32x15	EN 50035 (G 32)	Galvanized metal	1/10

47 CVX 160i RANGE

FLUSH-MOUNTING DISTRIBUTION BOARDS UP TO 160A

COMPLEMENTARY ITEMS

ACCESSORIES



GW47191

PAIR OF HINGES FOR FRONT PANELS

Code	Fixing type	Opening angle	Suitable for	Pack. Carton.
GW 47 191	Clip	90°	For panels H higher than 50 mm	1/20

ACCESSORIES SUPPLIED: 1 panel closing cap.



GW47194E

PAIR OF SUPPORTS FOR THE FIXING OF WIRING TRUNKING

Code	Fixing type	Quantity	Pack. Carton.
GW 47 194 E	Clip on functional profile	2 pieces	1/20

APPLICATIONS: assembly of wiring trunking up to 60mm width vertically and up to 40mm horizontally.



GW47291

BLANKING MODULE PROFILE IN PLASTIC MATERIAL - GREY RAL 7035

Code	Modules	Pack. Carton.
GW 47 291	24	10

CHARACTERISTICS: clip fixing on DIN perforated panels.



GW49209

DEPTH ADAPTER

Code	Length (mm)	Pack. Carton.
GW 49 209	600	1

APPLICATIONS: compensation of the different installation depths on EN 50022 DIN rail of the modular devices (90 range) and moulded-case devices (MTX 160/c-250 range).



GW47193

EARTH BUSBAR WITH THREADED HOLES FOR THE CONNECTION OF EQUIPOTENTIAL BONDING

Code	Dimensions LxHxD (mm)	N./diam. of threaded holes	Step drilling	For distribution boards	Pack. Carton.
GW 47 193	575x20x5	24 x M6	18 mm	Flush and surface mounting	1/5

ACCESSORIES SUPPLIED: fixing accessories (2 screws and 2 nuts in cage M6). 24 tin-plated screws M6.



GW46447

MISCELLANEOUS ACCESSORIES

Code	Description	Characteristics	Pack. Carton.
GW 46 447	Adhesive document pocket	dimensions 310x230 mm	1/10
GW 47 197	Set of 4 metal brackets	for fixing on plasterboard	1/10
GW 47 192	Lock insert	Key with standardized code (Yale type)	1/10
GW 47 195	Nuts in cage	galvanized steel	10/100
GW 47 196	Aerosol spray	colour Grey RAL 7035	1/6

APPLICATIONS: GW47195 suitable for mounting wiring ducts and complimentary items on functional profile.

SPARE PARTS



GW47113

SMOKED CURVED TEMPERED SAFETY GLASS DOORS FOR IP40 DISTRIBUTION BOARDS

Code	For encl. dim.LxH (mm)	Pack. Carton.
GW 47 111	600x600	1
GW 47 112	600x800	1
GW 47 113	600x1000	1

ACCESSORIES SUPPLIED: 2 mounting pins; 2 double-fin keys.



GW47123

SOLID DOORS IN PAINTED SHEET METAL FOR IP40 DISTRIBUTION BOARDS

Code	For encl. dim.LxH (mm)	Pack. Carton.
GW 47 121	600x600	1
GW 47 122	600x800	1
GW 47 123	600x1000	1

ACCESSORIES SUPPLIED: 2 mounting pins; 2 double-fin keys.

①=May 2010







②=June 2010

③=September 2010


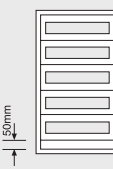
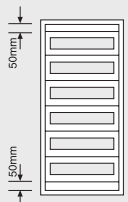





47 CVX 160 E RANGE

WALL-MOUNTING DISTRIBUTION BOARDS UP TO 160A

CVX 160 E STRUCTURES

General characteristics In: up to 160 A Capacity: 24 modules* each row Installation: indoors Colour: RAL 7035 grey		FUNCTIONAL HEIGHT (mm)			
		600	800	1000	1200
		IP 30	Without door 	GW 47 001 E	GW 47 002 E
IP 40	Glass door 	GW 47 011 E	GW 47 012 E	GW 47 013 E	GW 47 014 E
	Solid door 	GW 47 021 E	GW 47 022 E	GW 47 023 E	GW 47 024 E
IP 55	Glass door 	GW 47 031 E	GW 47 032 E	GW 47 033 E	GW 47 034 E
	Solid door 	GW 47 041 E	GW 47 042 E	GW 47 043 E	GW 47 044 E
IP 65	Solid door 	-	GW 47 062 E	GW 47 063 E	GW 47 064 E

47 CVX 160 E RANGE

RELATIONSHIP BETWEEN FUNCTIONAL HEIGHT AND NUMBER OF MODULES*					
MAX. NO. ROWS/NO. MODULES	Pitch 150mm				
		4 rows - 96 modules*	5 rows - 120 modules*	6 rows - 144 modules*	8 rows - 192 modules*
	Pitch 200mm				
		3 rows - 72 modules*	4 rows - 96 modules*	5 rows - 120 modules*	6 rows - 144 modules*

* EN 50022 modules (17.5mm)

CVX 160 E DISTRIBUTION BOARD CONFIGURATION

Front panel height (mm)	KIT FOR INSTALLATION OF DEVICES ON DIN RAIL AND FRONT PANELS					DIN RAIL KIT			KIT FOR INSTALLING MOULDED-CASE AND COUNTRY-SPECIFIC STANDARD DEVICES	
	Panels with window and EN 50022 rail	Panels with windows	Solid panels	Panels for instruments	Pair of hinges	EN 50022 rail	Double EN 50022 rail (aluminium)	EN 50035 rail	For moulded-case devices	Country-specific
50	-	-	GW 47 173	-	-	-	-	-	-	-
150	GW 47 171	GW 47 178	GW 47 174	-	GW 47 191	GW 47 181	GW 47 183	GW 47 182	GW 47 277 (MTX/M 160c) GW 47 278 (MTX/E 160) GW 47 279 (MTX/M 160c +BD 160c) GW 47 280 (MTX/E 160 +BD 160)	-
200	GW 47 172	GW 47 179	GW 47 175	Instrum. 72x72 GW 47 176 Instrum. 96x96 GW 47 177						-
300	-	-	-	-	-	-	-	-	-	GW 47 261 GW 47 262

COMPLEMENTARY ITEMS							
Earth bar	Wiring trunking supports	Nuts in cage	Cable gland plate	Module mask	Document wallet	Security lock with key	Aerosol spray paint for retouching
GW 47 193	GW 47 194 E	GW 47 195	GW 47 198 (Higher - Lower)	GW 47 291	GW 46 447	GW 47 192	GW 47 196 (RAL 7035 grey)

Internal board functional height (mm)	SPARE DOORS				
	IP 40		IP 55		IP 65
	Glass door	Solid door	Glass door	Solid door	Solid door
600	GW 47 111	GW 47 121	GW 47 131	GW 47 141	-
800	GW 47 112	GW 47 122	GW 47 132	GW 47 142	GW 47 162
1000	GW 47 113	GW 47 123	GW 47 133	GW 47 143	GW 47 163
1200	GW 47 114	GW 47 124	GW 47 134	GW 47 144	GW 47 164

47 CVX 160 E RANGE

47 CVX 160 E RANGE

WALL-MOUNTING DISTRIBUTION BOARDS UP TO 160A

CVX 160 E	
Regulation: EN 60439-1 and EN 60439-3, EN 61439-1 and EN 61439-2, EN 62208	Degree of protection: IP 30 without door
Rated current (In): up to 160 A	IP 40 with transparent/solid door
Rated operational voltage (U _o): up to 500V ac	IP 55 with transparent/solid door
Rated insulation voltage (U _i): up to 500V ac	IP 65 with solid door
Rated impulse withstand voltage (U _{imp}): 6 kV 1,2/50 μs	Operating temperature: -5°C - 40°C
Rated conditioned short circuit current (I _{cc}): 10 kA	Storage temperature: 25°C - 55°C
Rated peak withstand current (I _{pk}): 17 kA	Sheet steel casing: 18/10mm thick
Rated short-time withstand current (I _{swt}): 10 kA (1s)	Sheet steel door: 12/10mm thick
Protection against indirect contact: metal casing prearranged for earth connection	Back-mounting plates in hot galvanized sheet metal, 15/10mm thick
	Sheet steel painted with Grey RAL 7035 epoxy-polyester powder

STRUCTURES

IP30 DISTRIBUTION BOARDS

GW47002E



MONOBLOC DISTRIBUTION BOARD IN PAINTED SHEET STEEL - GREY RAL 7035 - COMPLETE WITH FRONT FINISHING FRAME IN PLASTIC WITHOUT DOOR - WITH EXTRACTABLE FRAME

Code	Functional dim. LxH (mm)	Depth D (mm)	Dispersible power(W)	Pack. Carton.
GW 47 001 E	600x600	170	170	1
GW 47 002 E	600x800	170	197	1
GW 47 003 E	600x1000	170	206	1
GW 47 004 E	600x1200	170	213	1

ACCESSORIES SUPPLIED: 4 brackets complete with screws for surface-mounting, 2 cable gland plates (upper and lower) complete with fixing screws.

IP40 DISTRIBUTION BOARDS

GW47014E



MONOBLOC DISTRIBUTION BOARDS IN PAINTED SHEET STEEL - GREY RAL 7035 SMOKED CURVED TEMPERED SAFETY GLASS DOOR EQUIPPED WITH 2 LOCKS - WITH EXTRACTABLE FRAME

Code	Functional dim. LxH (mm)	Depth D (mm)	Dispersible power(W)	Pack. Carton.
GW 47 011 E	600x600	170	140	1
GW 47 012 E	600x800	170	165	1
GW 47 013 E	600x1000	170	176	1
GW 47 014 E	600x1200	170	180	1

ACCESSORIES SUPPLIED: 4 brackets complete with screws for surface mounting, 2 cable gland plates (upper and lower) complete with fixing screws.
2 double-fin keys.

47 CVX 160 E
RANGE

GW47024E



MONOBLOC DISTRIBUTION BOARDS IN PAINTED SHEET STEEL - GREY RAL 7035 SOLID SHEET METAL DOOR EQUIPPED WITH 2 LOCKS - WITH EXTRACTABLE FRAME

Code	Functional dim. LxH (mm)	Depth D (mm)	Dispersible power(W)	Pack. Carton.
GW 47 021 E	600x600	170	146	1
GW 47 022 E	600x800	170	168	1
GW 47 023 E	600x1000	170	176	1
GW 47 024 E	600x1200	170	181	1

ACCESSORIES SUPPLIED: 4 brackets complete with screws for surface-mounting, 2 cable gland plates (upper and lower) complete with fixing screws.
2 double-fin keys.

①=May 2010

②=June 2010

③=September 2010

IP55 DISTRIBUTION BOARDS

GW47034E



MONOBLOC DISTRIBUTION BOARDS IN PAINTED SHEET STEEL - GREY RAL 7035 SMOKED CURVED TEMPERED SAFETY GLASS DOOR EQUIPPED WITH 2 LOCKS - WITH EXTRACTABLE FRAME

Code	Functional dim. LxH (mm)	Depth D (mm)	Dispersible power(W)	Pack. Carton.
GW 47 031 E	600x600	170	123	1
GW 47 032 E	600x800	170	135	1
GW 47 033 E	600x1000	170	142	1
GW 47 034 E	600x1200	170	146	1

ACCESSORIES SUPPLIED: 4 brackets complete with screws for surface-mounting. 2 cable gland plates (upper and lower) complete with fixing screws.
2 double-fin keys.

CHARACTERISTICS: sealing gaskets applied on the door and the cable gland plates.

GW47044E



MONOBLOC DISTRIBUTION BOARDS IN PAINTED SHEET STEEL - GREY RAL 7035 SOLID SHEET METAL DOOR EQUIPPED WITH 2 LOCK - WITH EXTRACTABLE FRAME

Code	Functional dim. LxH (mm)	Depth D (mm)	Dispersible power(W)	Pack. Carton.
GW 47 041 E	600x600	170	124	1
GW 47 042 E	600x800	170	136	1
GW 47 043 E	600x1000	170	144	1
GW 47 044 E	600x1200	170	148	1

ACCESSORIES SUPPLIED: 4 brackets complete with screws for surface-mounting. 2 cable gland plates (upper and lower) complete with fixing screws.
2 double-fin keys.

CHARACTERISTICS: sealing gaskets applied on the door and the cable gland plates.

IP65 DISTRIBUTION BOARDS



MONOBLOC DISTRIBUTION BOARDS IN PAINTED SHEET STEEL - GREY RAL 7035 SOLID SHEET METAL DOOR EQUIPPED WITH ROD-MECHANISM LOCK - WITH EXTRACTABLE FRAME

Code	Functional dim. LxH (mm)	Depth D (mm)	Dispersible power(W)	Pack. Carton.
GW 47 062 E	600x800	170	131	1
GW 47 063 E	600x1000	170	138	1
GW 47 064 E	600x1200	170	143	1

ACCESSORIES SUPPLIED: 4 brackets complete with screws for surface mounting. Alloy keys.

CHARACTERISTICS: sealing gaskets applied on the door and the cable gland plates.
Single lock with 4 mounting pins

47 CVX 160 E RANGE

WALL-MOUNTING DISTRIBUTION BOARDS UP TO 160A

FRONT CONFIGURATION

KIT FOR THE INSTALLATION OF DEVICES ON DIN RAILS

GW47172



INSTALLATION KIT FOR MODULAR DEVICES (90 RANGE) AND MOULDED-CASE DEVICES UP TO 160A (MTX/M 160C, MTX/E 160 RANGE) - COMPLETE WITH FRONT PANELS WITH WINDOWS AND STANDARD DIN RAIL EN 50022 (DIN 35)

Code	Dimensions LxH (mm)	Section dim. HxD (mm)	Pack. Carton.
MODULES: 24			
GW 47 171	600x150	35x15	1/10
GW 47 172	600x200	35x15	1/8

ACCESSORIES SUPPLIED: module masks, pair of hinges, Standard EN 50022 (DIN 35) DIN rail in galvanised sheet metal with depth adjustment.

CHARACTERISTICS: front panel Grey RAL 7035, in insulating, quick coupling material with ergonomic grip Blue RAL 5003, pre-arrangement of the panels for rotation hinges (included).

NOTES: for the assembly of the MTX moulded-case devices with or without residual current device, order the special kit for fixing to the DIN rail.

The coupling of modular and moulded-case devices requires the GW49209 depth adapter.

GW47172 suitable for modular devices of the 90 and MTX/M 160c, MTX/M 160c ranges with lowered "L" add-on residual current device and MTX/E 160.

INSTALLATION KIT FOR FIXED MOULDED-CASE DEVICES ON PLATE

GW47277



INSTALLATION KIT FOR A MCCB UP TO 160A (MTX/M 160C, MTX/E 160 RANGE) - COMPLETE WITH PERFORATED FRONT PANELS AND FIXING PLATES

Code	Dimensions LxH (mm)	For MCCB	No. of poles	Type	Installation	Pack. Carton.
MODULES: 24						
GW 47 277	600x200	MTX/M 160c	3P - 4P	MCB	Horizontal	1/5
GW 47 278	600x200	MTX/E 160	3P - 4P	MCB	Horizontal	1/5
GW 47 279	600x200	MTX/M 160c	4P	MCB+ADD-ON RCD	Horizontal	1/5
GW 47 280	600x200	MTX/E 160	4P	MCB+ADD-ON RCD	Horizontal	1/5

ACCESSORIES SUPPLIED: galvanised sheet steel plates. Pair of hinges. Fixing accessories.

CHARACTERISTICS: front panel Grey RAL 7035, in insulating, quick coupling material with ergonomic grip Blue RAL 5003,

pre-arrangement of the panel perforations for the assembly of the covers of the moulded-case devices;

simple fixing of devices, thanks to the threaded bushings on the assembly plate;

pre-arrangement for the assembly of the panel hinges (included).

GW 47 279 not suitable for lowered "L" add-on residual current device.

INSTALLATION KIT FOR COUNTRY-SPECIFIC DEVICES

GW47261



FRONT PANEL COMPLETE WITH MOUNTING RAILS EN 50 022 AND ENCLOSURE FOR HOUSING POWER LIMITING CIRCUIT BREAKER ICP IN=40A - SPANISH STANDARD

Code	Suited for EN 50022	Dimensions LxH (mm)	No. EN 50022 mod. ICP sect.	Pack. Carton.
GW 47 261	36 modules (2x18)	600x300	4	1/5

ACCESSORIES SUPPLIED: enclosure for housing power limiter "ICP" with classification UNESA 1407-D, CS-ICP 32,

blanking module mask, fixing accessories.

CHARACTERISTICS: pre-galvanised metal plate with prearrangement for the installation of the mains switch;

possibility of mounting modular devices or DIN hook-up components on the lateral profiles EN 50 022; painted sheet metal panels (Grey RAL 7035).

GW47262



FRONT PANELS WITH WINDOW COMPLETE WITH EN 50 022 RAILS AND PLATES FOR FIXING SUPPORT BASES FOR THE EDF BLUE TARIFF CONNECTING SWITCH - FRENCH STANDARD

Code	Suited for EN 50022	Dimensions LxH (mm)	Pack. Carton.
GW 47 262	24 modules (2x12)	600x300	1/5

ACCESSORIES SUPPLIED: Module masks. Fixing accessories. Earthing set.

CHARACTERISTICS: pre-galvanised metal plate with prearrangement for the installation of the mains switch;

possibility of mounting modular devices or DIN hook-up components on the lateral profiles EN 50 022; painted sheet metal panels (Grey RAL 7035).

NOTES: these panels allow the installation of support bases for TARIF BLEU connecting switch (GW40511, GW40512) and support bases for connecting switch (GW40513, GW40514).

①=May 2010

②=June 2010

③=September 2010

FRONT PANELS

GW47179



FRONT PANELS WITH WINDOW FOR MODULAR DEVICES

Code	Dimensions LxH (mm)	Pack. Carton.
MODULES: 24		
GW 47 178	600 x 150	1/10
GW 47 179	600 x 200	1/10

ACCESSORIES SUPPLIED: module masks, pair of hinges.

CHARACTERISTICS: front panel colour Grey RAL 7035, in quick coupling insulation material with ergonomic grip Blue RAL 5003, prearrangement of the panels for rotation hinges (included).

GW47175



SOLID FRONT PANELS

Code	Dimensions LxH (mm)	Pack. Carton.
MODULES: 24		
GW 47 173	600x50	1/10
GW 47 174	600x150	1/10
GW 47 175	600x200	1/10

ACCESSORIES SUPPLIED: pair of hinges

CHARACTERISTICS: front panel colour Grey RAL 7035, in quick coupling insulation material with ergonomic grip Blue RAL 5003, prearrangement of the panels, except GW47173, for rotation hinges (included).

GW47177



FRONT PANELS FOR MEASURING INSTRUMENTS AND THREE-WAY SWITCHES

Code	Dimensions LxH (mm)	3-way switch no. x hole Ø	Instruments N. x dimensions	Pack. Carton.
MODULES: 24				
GW 47 176	600x200	1 Ø9,5 mm	4 72x72 mm	1/10
GW 47 177	600x200	1 Ø9,5 mm	4 96x96 mm	1/10

ACCESSORIES SUPPLIED: pair of hinges.

APPLICATIONS: installation of ammeters, voltmeters, voltmeter/ammeter selector switches and earth leakage relays for distribution boards.

CHARACTERISTICS: front panel Grey RAL 7035, in insulating, quick coupling material with ergonomic grip Blue RAL 5003, pre-arrangement of the panels for rotation hinges (included).

INTERNAL CONFIGURATION

DIN RAIL KIT

GW47181



DIN RAILS FOR MODULAR DEVICES AND TERMINALS COMPLETE WITH BRACKETS AND SUPPORTS FOR ASSEMBLY

Code	Section dim. HxD (mm)	Profile	Material	Pack. Carton.
MODULES: 24				
GW 47 181	35x15	EN 50022 (DIN 35)	Galvanized metal	1/10
GW 47 183	2x(35x7,5)	double EN 50022 (DIN 35)	Aluminium	1/10
GW 47 182	32x15	EN 50035 (G 32)	Galvanized metal	1/10

BACK-MOUNTING PLATES

GW47186



BACK-MOUNTING PLATES FOR NON-MODULAR DEVICES COMPLETE WITH MOUNTING SUPPORTS

Code	Dimensions LxH (mm)	No. mounting straps	Pack. Carton.
MODULES: 24			
GW 47 186	600x200	2	1/5
GW 47 187	600x400	4	1/5

ACCESSORIES SUPPLIED: support brackets and relative fixing accessories.

CHARACTERISTICS: possibility to adjust the depth of the plate; hot galvanised sheet metal plate, 15/10mm thick.

47 CVX 160 E RANGE

WALL-MOUNTING DISTRIBUTION BOARDS UP TO 160A

COMPLEMENTARY ITEMS

ACCESSORIES



GW47191

PAIR OF HINGES FOR FRONT PANELS

Code	Fixing type	Opening angle	Suitable for	Pack. Carton.
GW 47 191	Clip	90°	For panels H higher than 50 mm	1/20

ACCESSORIES SUPPLIED: 1 panel closing cap.



GW47194E

PAIR OF SUPPORTS FOR THE FIXING OF WIRING TRUNKING

Code	Fixing type	Quantity	Pack. Carton.
GW 47 194 E	Clip on functional profile	2 pieces	1/20

APPLICATIONS: assembly of wiring trunking up to 60mm width vertically and up to 40mm horizontally.



GW47291

BLANKING MODULE PROFILE IN PLASTIC MATERIAL - GREY RAL 7035

Code	Modules	Pack. Carton.
GW 47 291	24	10

CHARACTERISTICS: clip fixing on DIN perforated panels.



GW49209

DEPTH ADAPTOR

Code	Length (mm)	Pack. Carton.
GW 49 209	600	1

APPLICATIONS: compensation of the different installation depths on EN 50022 DIN rail of the modular devices (90 range) and moulded-case devices (MTX 160/c-250 range).



GW47193

EARTH BUSBAR WITH THREADED HOLES FOR THE CONNECTION OF EQUIPOTENTIAL BONDING

Code	Dimensions LxHxD (mm)	N./diam. of threaded holes	Step drilling	For distribution boards	Pack. Carton.
GW 47 193	575x20x5	24 x M6	18 mm	Flush and surface mounting	1/5

ACCESSORIES SUPPLIED: fixing accessories (2 screws and 2 nuts in cage M6). 24 tin-plated screws M6.



GW46447

MISCELLANEOUS ACCESSORIES

Code	Description	Characteristics	Pack. Carton.
GW 46 447	Adhesive document pocket	dimensions 310x230 mm	1/10
GW 47 192	Lock insert	Key with standardized code (Yale type)	1/10
GW 47 195	Nuts in cage	galvanized steel	10/100
GW 47 196	Aerosol spray	colour Grey RAL 7035	1/6

APPLICATIONS: GW47195 suitable for mounting wiring ducts and complimentary items on functional profile.
GW47192 unsuitable for IP65 distribution boards.

47 CVX 160 E RANGE

①=May 2010

②=June 2010

③=September 2010






SPARE PARTS

GW47114		SMOKED CURVED TEMPERED SAFETY GLASS DOORS FOR IP40 DISTRIBUTION BOARDS		
		Code	For encl. dim.LxH (mm)	Pack. Carton.
		GW 47 111	600x600	1
		GW 47 112	600x800	1
		GW 47 113	600x1000	1
GW 47 114	600x1200	1		
ACCESSORIES SUPPLIED: 2 mounting pins; 2 double-fin keys.				
GW47124		SOLID DOORS IN PAINTED SHEET METAL FOR IP40 DISTRIBUTION BOARDS		
		Code	For encl. dim.LxH (mm)	Pack. Carton.
		GW 47 121	600x600	1
		GW 47 122	600x800	1
		GW 47 123	600x1000	1
GW 47 124	600x1200	1		
ACCESSORIES SUPPLIED: 2 mounting pins; 2 double-fin keys.				
GW47134		SMOKED CURVED TEMPERED SAFETY GLASS DOOR FOR IP55 DISTRIBUTION BOARD		
		Code	For encl. dim.LxH (mm)	Pack. Carton.
		GW 47 131	600x600	1
		GW 47 132	600x800	1
		GW 47 133	600x1000	1
GW 47 134	600x1200	1		
ACCESSORIES SUPPLIED: 2 mounting pins; 2 double-fin keys.				
GW47144		SOLID DOORS IN PAINTED SHEET METAL FOR IP55 DISTRIBUTION BOARDS		
		Code	For encl. dim.LxH (mm)	Pack. Carton.
		GW 47 141	600x600	1
		GW 47 142	600x800	1
		GW 47 143	600x1000	1
GW 47 144	600x1200	1		
ACCESSORIES SUPPLIED: 2 mounting pins; 2 double-fin keys.				
GW47164		SOLID DOORS IN PAINTED SHEET STEEL FOR IP65 DISTRIBUTION BOARDS EQUIPPED WITH ROD-MECHANISM CLOSURES		
		Code	For encl. dim.LxH (mm)	Pack. Carton.
		GW 47 162	600x800	1
		GW 47 163	600x1000	1
		GW 47 164	600x1200	1
ACCESSORIES SUPPLIED: 4 mounting pins; key in zama alloy.				
GW47198		CABLE GLAND PLATES - COLOUR BLUE RAL 5003		
		Code	Description	Material
		GW 47 198	Top/bottom plate	Plastic
			Pack. Carton.	
			1/10	

47 CVX 630 K RANGE







MODULAR DISTRIBUTION BOARDS UP TO 630A - IP43




CVX 630 K WALL-MOUNTING STRUCTURES

		STRUCTURES					
FUNCTIONAL DIM. (LxH)		600 x 1000mm	600 x 1200mm	850 x 1000mm		850 x 1200mm	
Modular capacity	Pitch 150mm	144 mod. (24x6)	192 mod. (24x8)	144 mod. (24x6)	216 mod. (36x6)	192 mod. (24x8)	288 mod. (36x8)
	Pitch 200mm	120 mod. (24x5)	144 mod. (24x6)	120 mod. (24x5)	180 mod. (36x5)	144 mod. (24x6)	216 mod. (36x6)
Structures		GW 45 004	GW 45 005	GW 45 014		GW 45 015	
Sides		GW 45 024	GW 45 025	GW 45 024		GW 45 025	
Curved glass doors		GW 45 104	GW 45 105	GW 45 114		GW 45 115	
Solid doors		GW 45 124	GW 45 125	GW 45 134		GW 45 135	
Internal cable compartment		-	-	GW 45 034		GW 45 035	
Side-by-side installation kit		GW 45 504	GW 45 505	GW 45 504		GW 45 505	

47 CVX 630 K RANGE

CVX 630 K FLOOR-MOUNTING STRUCTURES



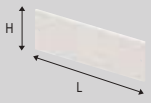









STRUCTURES										
FUNCTIONAL DIM. (LxH)		600 x1600 mm	600 x1800 mm	600 x2000 mm	850 x1600 mm		850 x1800 mm		850 x2000 mm	
Modular capacity	Pitch 150mm	240 mod. (24x10)	288 mod. (24x12)	312 mod. (24x13)	240 mod. (24x10)	360 mod. (36x10)	288 mod. (24x12)	432 mod. (36x12)	312 mod. (24x13)	468 mod. (36x13)
	Pitch 200mm	192 mod. (24x8)	216 mod. (24x9)	240 mod. (24x10)	192 mod. (24x8)	288 mod. (36x8)	216 mod. (24x9)	324 mod. (36x9)	240 mod. (24x10)	360 mod. (36x10)
Structures		GW 45 007	GW 45 008	GW 45 009	GW 45 017		GW 45 018		GW 45 019	
Sides		GW 45 027	GW 45 028	GW 45 029	GW 45 027		GW 45 028		GW 45 029	
Curved glass doors		GW 45 107	GW 45 108	GW 45 109	GW 45 117		GW 45 118		GW 45 119	
Solid doors		GW 45 127	GW 45 128	GW 45 129	GW 45 137		GW 45 138		GW 45 139	
Internal cable compartment		-	-	-	GW 45 037		GW 45 038		GW 45 039	
Side-by-side installation kit		GW 45 507	GW 45 508	GW 45 509	GW 45 507		GW 45 508		GW 45 509	

EXTERNAL CABLE COMPARTMENT				
FUNCTIONAL DIM. (LxH)	400 x 1600 mm	400 x 1800 mm	400 x 2000 mm	
External cable compartment		GW 45 047	GW 45 048	GW 45 049
Internal solid doors		GW 45 352	GW 45 353	GW 45 354
External solid doors		GW 45 147	GW 45 148	GW 45 149

47 CVX 630 K RANGE

MODULAR DISTRIBUTION BOARDS UP TO 630A - IP43

CVX 630 K DISTRIBUTION BOARD CONFIGURATION

	Panel height (mm)	L = 400mm (10 mod.)	L= 600 mm (24 mod.)	L= 850 mm (36 mod.)
DIN rail installation kit  <p>DIN EN 50022 double - aluminium</p> 	150	GW 45 291	GW 45 201	GW 45 206
	200	GW 45 292	GW 45 202	GW 45 207
	300	GW 45 293	GW 45 203	GW 45 208
	300 ⁽¹⁾	-	GW 45 204	GW 45 209
Solid front panels 	50	GW 45 341	GW 45 301	GW 45 321
	100	GW 45 342	GW 45 302	GW 45 322
	150	GW 45 343	GW 45 303	GW 45 323
	200	GW 45 344	GW 45 304	GW 45 324
	300	GW 45 345	GW 45 305	GW 45 325
	400	GW 45 346	GW 45 306	GW 45 326
	600	GW 45 347	GW 45 307	GW 45 327
800	GW 45 348	-	-	
Front panels for instruments 	200	-	GW 45 374	GW 45 379
Front aerated panels 	200	-	GW 45 362	GW 45 367
DIN rails  <p>DIN EN 50022 double - aluminium</p> 	-	-	GW 45 401	GW 45 402
Profiles for fixing directly on frame  <p>DIN EN 50022</p>  <p>DIN EN 50035</p> 	-	-	GW 45 411	GW 45 416
	-	-	GW 45 412	GW 45 417
Back-mounting plates 	200	-	GW 45 421	GW 45 431
	300	GW 45 406	-	-
	400	-	GW 45 422	GW 45 432
	600	-	GW 45 423	GW 45 433
Horizontal dividers 	-	-	GW 45 451	GW 45 452

⁽¹⁾ Specific version for MTX/M 160c, MTX/E 160 or MTX/M 250 combined with an "L"-shaped add-on residual current device.

Kit of MTX MOULDED-CASE CIRCUIT BREAKERS AND MSS SWITCH DISCONNECTORS FOR CVX 630 K BOARDS

FIXED EXECUTION (front couplings)									
L= 400mm (10 modules)									
Horizontal installation				Vertical installation					
Kit for MTX/MSS				Kit for MTX with add-on RCD			Kit for MTX/MSS		
Type of circuit breaker	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)
MTX/M 160c	-	-	-	4P	GW 45 248	300	3-4P	GW 45 243	200
MTX/E 160	-	-	-	-	-	-	3-4P	GW 45 244	200
MTX/M 250	-	-	-	4P	GW 45 249	400	3-4P	GW 45 245	300
MTX/E/M 320	-	-	-	-	-	-	3-4P	GW 45 246	400
MTXM 400 MTX/E/M 630	-	-	-	-	-	-	3-4P	GW 45 247	400
MSS 250	-	-	-	-	-	-	3-4P	GW 45 298	300
MSS 630	-	-	-	-	-	-	3-4P	GW 45 299	500

FIXED EXECUTION (front couplings)									
L= 600mm (24 modules)									
Horizontal installation					Vertical installation				
Kit for MTX/MSS					Kit for MTX with add-on RCD			Kit for MTX/MSS	
Type of circuit breaker	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)
MTX/M 160c	3-4P	GW 45 271	200	4P	GW 45 281	200	-	-	-
MTX/E 160	3-4P	GW 45 272	200	4P	GW 45 282	200	-	-	-
MTX/M 250	3-4P	GW 45 273	200	4P	GW 45 283	200	3-4P	GW 45 236	300
MTX/E/M 320	3-4P	GW 45 274	200	4P	GW 45 284	200	3-4P	GW 45 237	400
MTXM 400 MTX/E/M 630	3-4P	GW 45 275	300	4P	GW 45 285	300	3-4P	GW 45 238	400
MSS 250	3-4P	GW 45 251	300	-	-	-	3-4P	GW 45 251	300
MSS 630	3-4P	GW 45 256	400	-	-	-	3-4P	GW 45 252	500

47 CVX 630 K RANGE


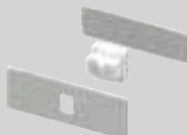

47 CVX 630 K RANGE

MODULAR DISTRIBUTION BOARDS UP TO 630A - IP43

KIT OF MTX MOULDED-CASE CIRCUIT BREAKERS AND MSS SWITCH DISCONNECTORS FOR CVX 630 K BOARDS

FIXED EXECUTION (front couplings)									
L= 850mm (36 modules)									
Horizontal installation					Vertical installation				
									
Kit for MTX/MSS			Kit for MTX with add-on RCD			Kit for MTX/MSS			
Type of circuit breaker	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)
MTX/M 160c	-	-	-	4P	GW 45 286	200	-	-	-
MTX/E 160	-	-	-	4P	GW 45 287	200	-	-	-
MTX/M 250	3-4P	GW 45 276	200	4P	GW 45 288	200	-	-	-
MTX/E/M 320	3-4P	GW 45 277	200	4P	GW 45 289	200	-	-	-
MTXM 400 MTX/E/M 630	3-4P	GW 45 278	300	4P	GW 45 290	300	-	-	-
MSS 250	3-4P	GW 45 253	300	-	-	-	3-4P	GW 45 253	300
MSS 630	3-4P	GW 45 257	400	-	-	-	3-4P	GW 45 254	500

KIT OF EQUIPPED MTX MOULDED-CASE CIRCUIT BREAKER FOR CVX 630 K BOARDS

FIXED EXECUTION (front couplings)									
L= 600mm (24 modules)									
Horizontal installation					Vertical installation				
									
Kit for MTX rotary handle			Kit for MTX motor control			Kit for interlocked MTX lever control			
Type of circuit breaker	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)
MTX/M 160c	3-4P	GW 45 261	200	3-4P	GW 45 266	200	3-4P	GW 45 601 ⁽¹⁾	300
MTX/E 160	3-4P	GW 45 262	200	3-4P	GW 45 267	200	3-4P	GW 45 601 ⁽¹⁾	300
MTX/M 250	3-4P	GW 45 263	200	3-4P	GW 45 268	200	3-4P	GW 45 601 ⁽¹⁾	300

⁽¹⁾ GW 45 601 - possibility of frontal interlock between any two MCCBs of the following types: MTX/M 160c - MTX/E 160 - MTX/M 250

47 CVX 630 K RANGE

CVX 630 K	
Regulation: EN 60439-1, EN 61439-1 and EN 61439-2	Degree of protection: IP 30 without door
Rated current: up to 630 A	IP 40 with glass/solid door
Rated operational voltage (U _o): up to 690V ac	IP 43 with glass/solid door and IP 43 kit
Rated insulation voltage (U _i): up to 1000V ac	Operating temperature: -5°C - 40°C
Rated impulse withstand voltage (U _{iimp}): 8kV 1,2/50 s	Storage temperature: -25°C - 55°C
Rated conditioned short-circuit current (I _{cc}): 16 kA	Sheet steel casing and functional uprights, 1,5/10mm thick
Rated peak withstand current (I _{pk}): 73 kA	Sheet steel panel, 1,2/10mm thick
Rated short time withstand current (I _{sw}): 35 kA	Sheet steel door, 1,5/10mm thick
Protection against indirect contact: metal casing prearranged for earth connection	Back mounting plate and kit of moulded-cave plates in hot galvanized sheet metal, 2,0/10mm thick
	Sheet steel painted with Grey RAL 7035 epoxy-polyester powder

STRUCTURAL ELEMENTS

WALL-MOUNTING DISTRIBUTION BOARDS

GW45004



MODULAR SIDE-BY-SIDE WALL-MOUNTING STRUCTURES IN PAINTED SHEET STEEL - GREY RAL 7035 - COMPLETE WITH FUNCTIONAL FRAMES AND CABLE GLAND PLATES

Code	Functional dim. LxH (mm)	Depth D (mm)	Pack. Carton.
GW 45 004	600x1000	230	1
GW 45 005	600x1200	230	1
GW 45 014	850x1000	230	1
GW 45 015	850x1200	230	1

ACCESSORIES SUPPLIED: N. 2 cable gland plates with fixing screws for boards L=600 mm.
N. 6 cable gland plates with fixing screws for boards L=850 mm.

SIDE PLATES FOR WALL-MOUNTING DISTRIBUTION BOARDS

GW45024



PAIR OF SIDE PLATES FOR WALL-MOUNTING BOARDS IN PAINTED SHEET STEEL

Code	For structures HxD (mm)	Pack. Carton.
GW 45 024	1000x230	1
GW 45 025	1200x230	1

ACCESSORIES SUPPLIED: fixing screws.

FLOOR-MOUNTING DISTRIBUTION BOARDS

GW45009



MODULAR SIDE-BY-SIDE FLOOR-MOUNTING STRUCTURES IN PAINTED SHEET STEEL - GREY RAL 7035 - COMPLETE WITH FUNCTIONAL FRAMES, CABLE GLAND PLATES AND INSPECTABLE BASE H = 100MM - BLUE RAL 5003

Code	Functional dim. LxH (mm)	Depth D (mm)	Pack. Carton.
GW 45 007	600x1600	230	1
GW 45 008	600x1800	230	1
GW 45 009	600x2000	230	1
GW 45 017	850x1600	230	1
GW 45 018	850x1800	230	1
GW 45 019	850x2000	230	1

ACCESSORIES SUPPLIED: N. 1 cable gland plate with fixing screws for boards L=600 mm.
N. 3 cable gland plates with fixing screws for boards L=850 mm.
N. 2 brackets complete with screws for surface mounting.

SIDE PLATES FOR FLOOR-MOUNTING DISTRIBUTION BOARDS

GW45029



PAIR OF SIDE PLATES FOR FLOOR-MOUNTING BOARDS IN PAINTED SHEET STEEL

Code	For structures HxD (mm)	Pack. Carton.
GW 45 027	1600x230	1
GW 45 028	1800x230	1
GW 45 029	2000x230	1

ACCESSORIES SUPPLIED: fixing screws.

47 CVX 630 K RANGE

MODULAR DISTRIBUTION BOARDS UP TO 630A - IP43

DOORS

GW45109



TRANSPARENT DOORS IN CURVED, SMOKED GLASS, TEMPERED FOR SAFETY AND FITTED WITH HANDLE AND ROD CLOSURE

Code	For structures LxH (mm)	Pack. Carton.
GW 45 104	600x1000	1
GW 45 105	600x1200	1
GW 45 107	600x1600	1
GW 45 108	600x1800	1
GW 45 109	600x2000	1
GW 45 114	850x1000	1
GW 45 115	850x1200	1
GW 45 117	850x1600	1
GW 45 118	850x1800	1
GW 45 119	850x2000	1

ACCESSORIES SUPPLIED: assembly hinges; key in zama alloy.

CHARACTERISTICS: possible to assemble the door with reversible opening (right/left);
painted sheet metal, Grey RAL 7035.

GW45129



BLANK DOORS IN PAINTED SHEET METAL, FITTED WITH HANDLE AND ROD CLOSURE

Code	For structures LxH (mm)	Pack. Carton.
GW 45 124	600x1000	1
GW 45 125	600x1200	1
GW 45 127	600x1600	1
GW 45 128	600x1800	1
GW 45 129	600x2000	1
GW 45 134	850x1000	1
GW 45 135	850x1200	1
GW 45 137	850x1600	1
GW 45 138	850x1800	1
GW 45 139	850x2000	1

ACCESSORIES SUPPLIED: assembly hinges; key in zama alloy.

CHARACTERISTICS: possible to assemble the door with reversible opening (right/left);
painted sheet metal, Grey RAL 7035.

47 CVX 630 K
RANGE

①=May 2010

②=June 2010

③=September 2010

INTERNAL CABLE COMPARTMENT

GW45039



INTERNAL CABLE COMPARTMENT KIT FOR MODULAR BOARDS, COMPLETE WITH HINGED COVER

Code	For structures LxH (mm)	Pack. Carton.
GW 45 034	850x1000	1
GW 45 035	850x1200	1
GW 45 037	850x1600	1
GW 45 038	850x1800	1
GW 45 039	850x2000	1

ACCESSORIES SUPPLIED: panel in painted sheet metal, Grey RAL 7035.

CHARACTERISTICS: possibility to assemble the internal cable compartment at the right or at the left side for board L=850 mm.

EXTERNAL CABLE COMPARTMENT

GW45049



EXTERNAL CABLE COMPARTMENT KIT FOR MODULAR DISTRIBUTION BOARDS

Code	Functional dim. LxH (mm)	Depth D (mm)	Pack. Carton.
GW 45 047	400x1600	230	1
GW 45 048	400x1800	230	1
GW 45 049	400x2000	230	1

ACCESSORIES SUPPLIED: N. 1 cable gland plate with fixing screws.

NOTES: the external compartment can be put together with the structure by using the special side by side kit.

GW45149



INTERNAL/EXTERNAL BLANK DOORS IN PAINTED SHEET METAL

Code	For structures LxH (mm)	Pack. Carton.
DESCRIPTION: EXTERNAL DOOR		
GW 45 147	400x1600	1
GW 45 148	400x1800	1
GW 45 149	400x2000	1
DESCRIPTION: INTERNAL DOOR		
GW 45 352	400x1600	1
GW 45 353	400x1800	1
GW 45 354	400x2000	1

ACCESSORIES SUPPLIED: external door equipped with handle with 4 mounting pins and alloy key

NOTES: the internal doors are used on an external cable compartment put together with an IP 30 structure without door. The internal doors can be used also as inner door in the external door version.

CHARACTERISTICS: For the external door possibility of replacing the rotary handle closure with a security lock;

possibility to assemble the door with reversible opening (right/left); sheet metal coating colour Grey RAL 7035. sheets painted with polyester epoxy powder Grey RAL 7035.

47 CVX 630 K RANGE

MODULAR DISTRIBUTION BOARDS UP TO 630A - IP43

FRONT CONFIGURATION

INSTALLATION KIT FOR DEVICES ON DIN RAIL

GW45202



INSTALLATION KIT FOR MODULAR DEVICES (90 RANGE) AND MOULDED-CASE DEVICES UP TO 250A (MTX/M 160C, MTX/E 160, MTX/M 250 RANGE) - COMPLETE WITH PANELS WITH WINDOWS AND DOUBLE DIN RAIL EN 50022 (DIN 35) IN ALUMINIUM

Code	Dimensions LxH (mm)	Section dim. HxD (mm)	Pack. Carton.
No. MODULES: 10			
GW 45 291	400x150	2x(35x7,5)	1
GW 45 292	400x200	2x(35x7,5)	1
GW 45 293	400x300	2x(35x7,5)	1
No. MODULES: 24			
GW 45 201	600x150	2x(35x7,5)	1
GW 45 202	600x200	2x(35x7,5)	1
GW 45 203	600x300	2x(35x7,5)	1
GW 45 204	600x300	2x(35x7,5)	1
No. MODULES: 36			
GW 45 206	850x150	2x(35x7,5)	1
GW 45 207	850x200	2x(35x7,5)	1
GW 45 208	850x300	2x(35x7,5)	1
GW 45 209	850x300	2x(35x7,5)	1

ACCESSORIES SUPPLIED: double EN 50022 (DIN 35) rail in aluminium; 2 screws for the assembly of the system device rail; 2 support brackets in galvanised sheet metal; fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal, Grey RAL 7035; panel contact earth connection; captive panel fixing screws; pre-arrangement of panels for rotation hinge.

NOTES: for the assembly of the MTX moulded-case devices with or without residual current device, order the special kit for fixing to the DIN rail.

The coupling of modular and moulded-case devices requires the GW49209 depth adapter.

GW45201/6 for modular devices of the 90 range only.

GW45202/3/7/8 suitable for modular devices of the 90 and MTX/M 160c, MTX/M 160c ranges with lowered "L" add-on residual current device, MTX/E 160, MTX/M 250.

GW45204/9 specific version for MTX/M 160c, MTX/E 160, MTX/M 250 with "L" add-on residual current device.

INSTALLATION KIT FOR MTX MOULDED-CASE DEVICES FIXED ON PLATES

GW45236



INSTALLATION KIT FOR MCCB UP TO 630A, IN FIXED ASSEMBLY, COMPLETE WITH PERFORATED FRONT PANEL AND FIXING PLATE

Code	Dimensions LxH (mm)	Suitable for	No. of poles	Installation	Pack. Carton.
No. MODULES: 10					
GW 45 243	400x200	MTX/M 160c	3P - 4P	Vertical	1
GW 45 244	400x200	MTX/E 160	3P - 4P	Vertical	1
GW 45 245	400x300	MTX/M 250	3P - 4P	Vertical	1
GW 45 246	400x400	MTX/E/M 320	3P - 4P	Vertical	1
GW 45 247	400x400	MTX/E/M 630	3P - 4P	Vertical	1
No. MODULES: 24					
GW 45 236	600x300	MTX/M 250	3P - 4P	Vertical	1
GW 45 237	600x400	MTX/E/M 320	3P - 4P	Vertical	1
GW 45 238	600x400	MTXM 400-MTX/E/M 630	3P - 4P	Vertical	1

ACCESSORIES SUPPLIED: galvanised sheet metal support plate; fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035;

panel earthing for contact; prearrangement of the panels for rotation hinges (included);

captive fixing screws;

GW45273



INSTALLATION KIT FOR MCCB UP TO 630A, IN FIXED ASSEMBLY, COMPLETE WITH PERFORATED FRONT PANEL AND FIXING PLATE

Code	Dimensions LxH (mm)	Suitable for	No. of poles	Installation	Pack. Carton.
No. MODULES: 24					
GW 45 271	600x200	MTX/M 160c	3P - 4P	Horizontal	1
GW 45 272	600x200	MTX/E 160	3P - 4P	Horizontal	1
GW 45 273	600x200	MTX/M 250	3P - 4P	Horizontal	1
GW 45 274	600x200	MTX/E/M 320	3P - 4P	Horizontal	1
GW 45 275	600x300	MTXM 400-MTX/E/M 630	3P - 4P	Horizontal	1
No. MODULES: 36					
GW 45 276	850x200	MTX/M 250	3P - 4P	Horizontal	1
GW 45 277	850x200	MTX/E/M 320	3P - 4P	Horizontal	1
GW 45 278	850x300	MTXM 400-MTX/E/M 630	3P - 4P	Horizontal	1

ACCESSORIES SUPPLIED: galvanised sheet metal support plate; fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035;

panel earthing for contact; prearrangement of the panels for rotation hinges (included); captive fixing screws.

①=May 2010

②=June 2010

③=September 2010

GW45283



INSTALLATION KIT FOR MCCB UP TO 500A WITH ADD-ON RESIDUAL CURRENT DEVICE IN FIXED ASSEMBLY, COMPLETE WITH PERFORATED PANEL AND FIXING PLATE

Code	Dimensions LxH (mm)	Suitable for	No. of poles	Installation	Pack. Carton.
No. MODULES: 10					
GW 45 248	400x300	MTX/M 160c	4P	Vertical	1
GW 45 249	400x400	MTX/M 250	4P	Vertical	1
No. MODULES: 24					
GW 45 281	600x200	MTX/M 160c	4P	Horizontal	1
GW 45 282	600x200	MTX/E 160	4P	Horizontal	1
GW 45 283	600x200	MTX/M 250	4P	Horizontal	1
GW 45 284	600x200	MTX/E/M 320	4P	Horizontal	1
GW 45 285	600x300	MTXM 400-MTX/E/M 630	4P	Horizontal	1
No. MODULES: 36					
GW 45 286	850x200	MTX/M 160c	4P	Horizontal	1
GW 45 287	850x200	MTX/E 160	4P	Horizontal	1
GW 45 288	850x200	MTX/M 250	4P	Horizontal	1
GW 45 289	850x200	MTX/E/M 320	4P	Horizontal	1
GW 45 290	850x300	MTXM 400-MTX/E/M 630	4P	Horizontal	1

ACCESSORIES SUPPLIED: galvanised sheet metal support plate; fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal, Grey RAL 7035; contact earth connection; captive panel fixing screws; pre-arrangement of panels for rotation hinge.

GW 45 281/6 not suitable for lowered "L" add-on residual current device.

GW45262



INSTALLATION KIT FOR MCCB UP TO 250A WITH DIRECT ROTARY HANDLE OR MOTOR CONTROL, COMPLETE WITH PERFORATED PANEL AND FIXING PLATE

Code	Dimensions LxH (mm)	Suitable for	No. of poles	Installation	Complete with	Pack. Carton.
No. MODULES: 24						
GW 45 261	600x200	MTX/M 160c	3P - 4P	Horizontal	Direct rotary handle	1
GW 45 262	600x200	MTX/E160	3P - 4P	Horizontal	Direct rotary handle	1
GW 45 263	600x200	MTX/M 250	3P - 4P	Horizontal	Direct rotary handle	1
GW 45 264	600x200	MTX/E/ 320	3P - 4P	Horizontal	Direct rotary handle	1
GW 45 265	600x300	MTX/E/M 630	3P - 4P	Horizontal	Direct rotary handle	1
GW 45 266	600x200	MTX/M 160c	3P - 4P	Horizontal	Motor control	1
GW 45 267	600x200	MTX/E 160	3P - 4P	Horizontal	Motor control	1
GW 45 268	600x200	MTX/M 250	3P - 4P	Horizontal	Motor control	1

GW45601



INSTALLATION KIT FOR INTERLOCKED MCCBS UP TO 250A, COMPLETE WITH PERFORATED FRONT PANEL AND FIXING PLATE

Code	Dimensions LxH (mm)	Suitable for	No. of poles	Installation	Control	Pack. Carton.
No. MODULES: 24						
GW 45 601	600x300	MTX/M 160c-MTX/E 160-MTX/M 250	3P - 4P	Vertical	Lever	1

INSTALLATION KIT FOR MSS SWITCH DISCONNECTORS FIXED ON PLATES

GW45252



INSTALLATION KIT FOR SWITCH-DISCONNECTORS IN FIXED ASSEMBLY, COMPLETE WITH PERFORATED FRONT PANEL AND FIXING PLATE

Code	Dimensions LxH (mm)	Suitable for	No. of poles	Installation	Pack. Carton.
No. MODULES: 10					
GW 45 298	400x300	MSS 250	3P - 4P	Vertical	1
GW 45 299	400x500	MSS 630	3P - 4P	Vertical	1
No. MODULES: 24					
GW 45 251	600x300	MSS 250	3P - 4P	Horizontal/Vertical	1
GW 45 252	600x500	MSS 630	3P - 4P	Vertical	1
GW 45 256	600x400	MSS 630	3P - 4P	Horizontal	1
No. MODULES: 36					
GW 45 253	850x300	MSS 250	3P - 4P	Horizontal/Vertical	1
GW 45 254	850x500	MSS 630	3P - 4P	Vertical	1
GW 45 257	850x400	MSS 630	3P - 4P	Horizontal	1

ACCESSORIES SUPPLIED: galvanised sheet metal support plate; fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035; panel earthing for contact; prearrangement of the panels for rotation hinges (included); captive fixing screws.

47 CVX 630 K RANGE

MODULAR DISTRIBUTION BOARDS UP TO 630A - IP43

FRONT PANELS

GW45304



SOLID FRONT PANELS

Code	Dimensions LxH (mm)	Pack. Carton.
No. MODULES: 10		
GW 45 341	400x50	1
GW 45 342	400x100	1
GW 45 343	400x150	1
GW 45 344	400x200	1
GW 45 345	400x300	1
GW 45 346	400x400	1
GW 45 347	400x600	1
GW 45 348	400x800	1
No. MODULES: 24		
GW 45 301	600x50	1
GW 45 302	600x100	1
GW 45 303	600x150	1
GW 45 304	600x200	1
GW 45 305	600x300	1
GW 45 306	600x400	1
GW 45 307	600x600	1
No. MODULES: 36		
GW 45 321	850x50	1
GW 45 322	850x100	1
GW 45 323	850x150	1
GW 45 324	850x200	1
GW 45 325	850x300	1
GW 45 326	850x400	1
GW 45 327	850x600	1

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035;

panel earthing for contact; prearrangement of the panels, except for GW45341/2, GW45301/2 and GW45321/2, for rotation hinges (included); captive fixing screws.

GW45374



METAL FRONT PANELS FOR MEASURING INSTRUMENTS AND THREE-WAY SWITCHES

Code	Dimensions LxH (mm)	3-way switch no. x hole Ø	Instruments N. x dimensions	Pack. Carton.
No. MODULES: 24				
GW 45 374	600x200	1 Ø9,5 mm	4 96 x 96 mm	1
No. MODULES: 36				
GW 45 379	850x200	1 Ø9,5 mm	4 96 x 96 mm	1

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal, Grey RAL 7035; earthing by panel contact; captive panel fixing screws; pre-arrangement of panels for rotation hinges.

APPLICATIONS: installation of ammeters, voltmeters and voltmeter/ammeter selector switches.

GW45362



VENTILATION FRONT PANELS

Code	Dimensions LxH (mm)	Pack. Carton.
No. MODULES: 24		
GW 45 362	600x200	1
No. MODULES: 36		
GW 45 367	850x200	1

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035; panel earthing for contact; prearrangement of the panels for rotation hinges (included); captive fixing screws;

APPLICATIONS: natural ventilation in surface and floor boards.

①=May 2010

②=June 2010

③=September 2010

ACCESSORIES

GW49209



DEPTH ADAPTER

Code	Length (mm)	Pack. Carton.
GW 49 209	600	1

APPLICATIONS: compensation of the different installation depths on DIN rail EN 50022 of the modular devices (90 Range) and moulded-case devices (MTX 160/c-250).

GW47291



BLANKING MODULE PROFILE IN PLASTIC MATERIAL - GREY RAL 7035

Code	No. EN 50022 modules	Pack. Carton.
GW 47 291	24	10

CHARACTERISTICS: clip fixing on DIN perforated panels.

GW45532



PAIR OF METAL HINGES FOR FRONT PANELS

Code	Hook type	Opening angle	Suitable for	Pack. Carton.
GW 45 532	With screws	90°	For panels H higher than 100 mm	1

ACCESSORIES SUPPLIED: 1 panel closing plug.

CHARACTERISTICS: additional earthing of the panel by contact.

APPLICATIONS: option of hinging front panels.

47 CVX 630 K RANGE

MODULAR DISTRIBUTION BOARDS UP TO 630A - IP43

INTERNAL CONFIGURATION

DIN RAILS



GW45401

SHEET METAL RAILS FOR MODULAR DEVICES, COMPLETE WITH FIXING SUPPORTS

Code	Section dim. HxD (mm)	Profile	Material	Pack. Carton.
No. MODULES: 24				
GW 45 401	2x(35x7,5)	double EN 50022 (DIN 35)	Aluminium	1
No. MODULES: 36				
GW 45 402	2x(35x7,5)	double EN 50022 (DIN 35)	Aluminium	1

ACCESSORIES SUPPLIED: double EN 50022 (DIN 35) rail in depth adjustable aluminium;
n. 2 screws for mounting the device-holder rail; 2 support brackets in galvanised sheet metal;
fixing accessories.

BACK-MOUNTING PLATES



GW45422

BACK-MOUNTING PLATES FOR NON-MODULAR DEVICES, COMPLETE WITH FIXING SUPPORTS

Code	Dimensions LxH (mm)	Pack. Carton.
No. MODULES: 10		
GW 45 406	400x300	1
No. MODULES: 24		
GW 45 421	600x200	1
GW 45 422	600x400	1
GW 45 423	600x600	1
No. MODULES: 36		
GW 45 431	850x200	1
GW 45 432	850x400	1
GW 45 433	850x600	1

ACCESSORIES SUPPLIED: fixing accessories.
CHARACTERISTICS: galvanised sheet metal plate (20/10 mm thick).

DIVIDERS



GW45451

HORIZONTAL DIVIDING RAILS IN THE STRUCTURE

Code	Width (mm)	Pack. Carton.
No. MODULES: 24		
GW 45 451	600	1
No. MODULES: 36		
GW 45 452	850	1

CHARACTERISTICS: allow the internal separation of the distribution board.



GW45449

VERTICAL DIVIDING RAILS IN THE STRUCTURE AND IN THE CABLE COMPARTMENT

Code	Height H (mm)	Pack. Carton.
SUITABLE FOR: INTERNAL CABLE COMPARTMENT		
GW 45 444	1000	1
GW 45 445	1200	1
GW 45 447	1600	1
GW 45 448	1800	1
GW 45 449	2000	1
SUITABLE FOR: STRUCTURES / EXT. CABLE COMP.		
GW 45 467	1600	1
GW 45 468	1800	1
GW 45 469	2000	1

CHARACTERISTICS: allow the internal separation (form 2) in the case of busbar in the cable compartment.

47 CVX 630 K
RANGE

①=May 2010

②=June 2010

③=September 2010

TECHNICAL COMPONENTS

ACCESSORIES

GW45411



DIN PROFILES WITH DIRECT FIXING ON FRAME

Code	Section dim. HxD (mm)	Profile	Material	Pack. Carton.
No. MODULES: 24				
GW 45 411	35x15	EN 50022 (DIN 35)	Galvanized metal	1
GW 45 412	32x15	EN 50035 (G 32)	Galvanized metal	1
No. MODULES: 36				
GW 45 416	35x15	EN 50022 (DIN 35)	Galvanized metal	1
GW 45 417	32x15	EN 50035 (G 32)	Galvanized metal	1

GW45521



PAIR OF SUPPORTS

Code	Type	Installation	Suitable for	Pack. Carton.
GW 45 521	For wiring trunking	Horizontal/Vertical	Distrib. boards L=400/600/850	1
GW 45 526	For terminal block	Horizontal	Distrib. boards L=400/600/850	1
GW 45 527	For terminal block	Vertical	Internal compartment	1
GW 45 528	For terminal block	Vertical	External compartment	1

GW47691



DIN PROFILES

Code	Profile	Length (mm)	Pack. Carton.
GW 47 691	EN 50022 (DIN 35)	2000	1/5
GW 47 692	EN 50035 (G 32)	2000	1/5
GW 47 693	EN 50024 (C30)	2000	1/5

GW46448



VENTILATION KIT

Code	Description	Pack. Carton.
GW 46 448	Ventilation kit	1/2
GW 46 471	Aeration kit	1/10

NOTE: hole dimensions 125x117 mm; fixing screw centre distance 123x115 mm.

GW45512



ADDITIONAL PAINTED BASE H=100 BLUE RAL 5003 WITH CONTROLLABLE FRONT AND REAR

Code	Dimensions LxD (mm)	Pack. Carton.
GW 45 511	400x230	1
GW 45 512	600x230	1
GW 45 513	850x230	1

CHARACTERISTICS: additional block-mount to facilitate cable entry and raise the distribution board.
Lateral pre-breaking for the cable passages.

GW45509



KIT FOR SIDE-BY-SIDE COUPLING OF STRUCTURES

Code	Suitable for	Pack. Carton.
GW 45 504	Structures H=1000	1
GW 45 505	Structures H=1200	1
GW 45 507	Structures H=1600	1
GW 45 508	Structures H=1800	1
GW 45 509	Structures H=2000	1

ACCESSORIES SUPPLIED: frontal upright, plates and sealing gaskets.

GW45531



GASKET KIT IP43

Code	Suitable for	Pack. Carton.
GW 45 531	Door and cable gland plates	1

ACCESSORIES SUPPLIED: roll gasket for door and shaped gasket for cable gland plates.

47 CVX 630 K RANGE

MODULAR DISTRIBUTION BOARDS UP TO 630A - IP43

GW46447



MISCELLANEOUS ACCESSORIES

Code	Description	Characteristics	Suitable for	Pack. Carton.
GW 46 447	Adhesive document pocket	dimensions 310x230 mm		1/10
GW 45 536	N. 4 fixing brackets		wall mounting bracket	1
GW 47 192	Lock insert	Yale Type	wall-mounting distr. boards	1/10
GW 47 494	Rotary handle	with Yale type inserts	floor-mounting distr. boards	1
GW 47 196	Aerosol spray	colour grey RAL 7035		1/6
GW 47 296	Aerosol spray	colour blue RAL 5003		1/6

CROSSPIECES FOR CABLE FIXING

GW45518



CROSSPIECES FOR CABLE FIXING

Code	Suitable for	Pack. Carton.
GW 45 516	Internal cable compartment	1
GW 45 517	External cable compartment	1
GW 45 518	Distribution boards L=600	1
GW 45 519	Distribution boards L=850	1

APPLICATION: permits the fixing of the input/output cables on the board structure.

EARTH BARS

GW45534



EARTH BUSBAR WITH THREADED HOLES FOR THE CONNECTION OF EQUIPOTENTIAL BONDING

Code	For distribution boards	Section	N./diam. of threaded holes	Step drilling	Pack. Carton.
GW 45 534	B=600	20x5	24xM6	18 mm	1
GW 45 535	B=850	20x5	36xM6	18 mm	1

NOTE: direct fixing on the functional frames.

EARTH TERMINAL BLOCKS

GW45537



EARTH TERMINAL BLOCKS

Code	For distribution boards	Section	N. terminal and section mm ²	Step drilling	Pack. Carton.
GW 45 537	B=400	10x7	1x35+11x16+13x10	6,5 mm	1
GW 45 538	B=600	10x7	2x(1x35+11x16+13x10)	6,5 mm	1

47 CVX 630 M RANGE

MONOBLOC DISTRIBUTION BOARDS UP TO 630A - IP55

CVX 630 M WALL-MOUNTING STRUCTURES

FUNCTIONAL DIM. (LxH)		STRUCTURES											
		600 x 1000 mm		600 x 1200 mm		850 x 1000 mm		850 x 1200 mm					
Modular capacity	Pitch 150mm	144 mod. (24x6)		192 mod. (24x8)		144 mod. (24x6)		216 mod. (36x6)		192 mod. (24x8)		288 mod. (36x8)	
	Pitch 200mm	120 mod. (24x5)		144 mod. (24x6)		120 mod. (24x5)		180 mod. (36x5)		144 mod. (24x6)		216 mod. (36x6)	
Structures		GW 45 054		GW 45 055		GW 45 064		GW 45 065					
Solid side panels		GW 45 074		GW 45 075		GW 45 074		GW 45 075					
Aerated side panels		GW 45 394		GW 45 395		GW 45 394		GW 45 395					
Curved glass doors		GW 45 154		GW 45 155		GW 45 164		GW 45 165					
Solid doors		GW 45 174		GW 45 175		GW 45 184		GW 45 185					
Internal cable compartment		-		-		GW 45 084		GW 45 085					
Side-by-side installation kit	Plates 	GW 45 533		GW 45 533		GW 45 533		GW 45 533					
	IP55 Gasket 	GW 47 473		GW 47 473		GW 47 473		GW 47 473					

47 CVX 630 M RANGE

CVX 630 M FLOOR-MOUNTING STRUCTURES

		STRUCTURES								
FUNCTIONAL DIM. (LxH)		600 x1600 mm	600 x1800 mm	600 x2000 mm	850 x1600 mm		850 x1800 mm		850 x2000 mm	
Modular capacity	Pitch 150mm	240 mod. (24x10)	288 mod. (24x12)	312 mod. (24x13)	240 mod. (24x10)	360 mod. (36x10)	288 mod. (24x12)	432 mod. (36x12)	312 mod. (24x13)	468 mod. (36x13)
	Pitch 200mm	192 mod. (24x8)	216 mod. (24x9)	240 mod. (24x10)	192 mod. (24x8)	288 mod. (36x8)	216 mod. (24x9)	324 mod. (36x9)	240 mod. (24x10)	360 mod. (36x10)
Structures		GW 45 057	GW 45 058	GW 45 059	GW 45 067		GW 45 068		GW 45 069	
Solid side panels		GW 45 077	GW 45 078	GW 45 079	GW 45 077		GW 45 078		GW 45 079	
Aerated side panels		GW 45 397	GW 45 398	GW 45 399	GW 45 397		GW 45 398		GW 45 399	
Curved glass doors		GW 45 157	GW 45 158	GW 45 159	GW 45 167		GW 45 168		GW 45 169	
Solid doors		GW 45 177	GW 45 178	GW 45 179	GW 45 187		GW 45 188		GW 45 189	
Internal cable compartment		-	-	-	GW 45 087		GW 45 088		GW 45 089	
Side-by-side installation kit	Plates	GW 47 472	GW 47 472	GW 47 472	GW 47 472		GW 47 472		GW 47 472	
	IP55 Gasket	GW 47 473	GW 47 473	GW 47 473	GW 47 473		GW 47 473		GW 47 473	









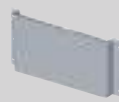

EXTERNAL CABLE COMPARTMENT			
FUNCTIONAL DIM. (LxH)	400 x 1600 mm	400 x 1800 mm	400 x 2000 mm
External cable compartment	GW 45 097	GW 45 098	GW 45 099
Internal solid doors	GW 45 352	GW 45 353	GW 45 354
External solid doors	GW 45 197	GW 45 198	GW 45 199

47 CVX 630
M RANGE

47 CVX 630 M RANGE

MONOBLOC DISTRIBUTION BOARDS UP TO 630A - IP55

CVX 630 M DISTRIBUTION BOARD CONFIGURATION

			Panel height (mm)	L = 400 mm (10 mod.)	L= 600 mm (24 mod.)	L= 850 mm (36 mod.)
DIN rail for installation kit  DIN EN 50022 double - aluminium 			150	GW 45 291	GW 45 201	GW 45 206
			200	GW 45 292	GW 45 202	GW 45 207
			300	GW 45 293	GW 45 203	GW 45 208
			300 ⁽¹⁾	-	GW 45 204	GW 45 209
Solid front panels 			50	GW 45 341	GW 45 301	GW 45 321
			100	GW 45 342	GW 45 302	GW 45 322
			150	GW 45 343	GW 45 303	GW 45 323
			200	GW 45 344	GW 45 304	GW 45 324
			300	GW 45 345	GW 45 305	GW 45 325
			400	GW 45 346	GW 45 306	GW 45 326
			600	GW 45 347	GW 45 307	GW 45 327
		800	GW 45 348	-	-	
Front panels for instruments 			200	-	GW 45 374	GW 45 379
Aerated front panels 			200	-	GW 45 362	GW 45 367
DIN rails  DIN EN 50022 double - aluminium 			-	-	GW 45 401	GW 45 402
Profiles for fixing directly on frame 		DIN EN 50022	-	-	GW 45 411	GW 45 416
		DIN EN 50035	-	-	GW 45 412	GW 45 417
Back-mounting plates 			200	-	GW 45 421	GW 45 431
			300	GW 45 406	-	-
			400	-	GW 45 422	GW 45 432
			600	-	GW 45 423	GW 45 433
Horizontal dividers 			-	-	GW 45 453	GW 45 454

⁽¹⁾ Specific version for MTX/M 160c, MTX/E 160, MTX/M 250 combined with an "L"-shaped add-on residual current device.

47 CVX 630 M RANGE

KIT OF MTX MOULDED-CASE CIRCUIT BREAKERS AND MSS SWITCH DISCONNECTORS FOR CVX 630 M BOARDS

	FIXED EXECUTION (front couplings)								
	L= 400 mm (10 modules)								
	Horizontal installation			Vertical installation					
	Kit for MTX/MSS			Kit for MTX with add-on RCD			Kit for MTX/MSS		
Type of circuit breaker	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)
MTX/M 160c	-	-	-	4P	GW 45 248	300	3-4P	GW 45 243	200
MTX/E 160	-	-	-	-	-	-	3-4P	GW 45 244	200
MTX/M 250	-	-	-	4P	GW 45 249	400	3-4P	GW 45 245	300
MTX/E/M 320	-	-	-	-	-	-	3-4P	GW 45 246	400
MTXM 400 MTX/E/M 630	-	-	-	-	-	-	3-4P	GW 45 247	400
MSS 250	-	-	-	-	-	-	3-4P	GW 45 298	300
MSS 630	-	-	-	-	-	-	3-4P	GW 45 299	500

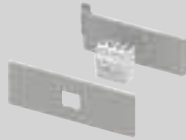
	FIXED EXECUTION (front couplings)								
	L= 600 mm (24 modules)								
	Horizontal installation				Vertical installation				
	Kit for MTX/MSS			Kit for MTX with add-on RCD			Kit for MTX/MSS		
Type of circuit breaker	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)
MTX/M 160c	3-4P	GW 45 271	200	4P	GW 45 281	200	-	-	-
MTX/E 160	3-4P	GW 45 272	200	4P	GW 45 282	200	-	-	-
MTX/M 250	3-4P	GW 45 273	200	4P	GW 45 283	200	3-4P	GW 45 236	300
MTX/E/M 320	3-4P	GW 45 274	200	4P	GW 45 284	200	3-4P	GW 45 237	400
MTXM 400 MTX/E/M 630	3-4P	GW 45 275	300	4P	GW 45 285	300	3-4P	GW 45 238	400
MSS 250	3-4P	GW 45 251	300	-	-	-	3-4P	GW 45 251	300
MSS 630	3-4P	GW 45 256	400	-	-	-	3-4P	GW 45 252	500

47 CVX 630 M RANGE


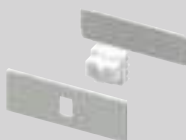


47 CVX 630 M RANGE

MONOBLOC DISTRIBUTION BOARDS UP TO 630A - IP55

KIT OF MTX MOULDED-CASE CIRCUIT BREAKERS AND MSS SWITCH DISCONNECTORS FOR CVX 630 M BOARDS

	FIXED EXECUTION (front couplings)								
	L= 850 mm (36 modules)								
	Horizontal installation						Vertical installation		
									
Kit for MTX/MSS			Kit for MTX with add-on RCD			Kit for MTX/MSS			
Type of circuit breaker	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)
MTX/M 160c	-	-	-	4P	GW 45 286	200	-	-	-
MTX/E 160	-	-	-	4P	GW 45 287	200	-	-	-
MTX/M 250	3-4P	GW 45 276	200	4P	GW 45 288	200	-	-	-
MTX/E/M 320	3-4P	GW 45 277	200	4P	GW 45 289	200	-	-	-
MTXM 400 MTX/E/M 630	3-4P	GW 45 278	300	4P	GW 45 290	300	-	-	-
MSS 250	3-4P	GW 45 253	300	-	-	-	3-4P	GW 45 253	300
MSS 630	3-4P	GW 45 257	400	-	-	-	3-4P	GW 45 254	500

KIT OF EQUIPPED MTX MOULDED-CASE CIRCUIT BREAKER FOR CVX 630 M BOARDS

	FIXED EXECUTION (front couplings)											
	L= 600 mm (24 modules)											
	Horizontal installation									Vertical installation		
												
Kit for MTX rotary handle			Kit for MTX motor control			Kit for interlocked MTX lever control			Kit for interlocked MTX lever control			
Type of circuit breaker	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)	No. poles	Code	Panel height (mm)
MTX/M 160c	3-4P	GW 45 261	200	3-4P	GW 45 266	200	-	-	-	3-4P	GW 45 601 ⁽¹⁾	300
MTX/E 160	3-4P	GW 45 262	200	3-4P	GW 45 267	200	-	-	-	3-4P	GW 45 601 ⁽¹⁾	300
MTX/M 250	3-4P	GW 45 263	200	3-4P	GW 45 268	200	3-4P	GW 45 602	500	3-4P	GW 45 601 ⁽¹⁾	300
MTX/E/M 320	3-4P	GW 45 264	200	-	-	-	3-4P	GW 45 603	600	-	-	-
MTXM 400 MTX/E/M 630	3-4P	GW 45 265	300	-	-	-	3-4P	GW 45 604	600	-	-	-

⁽¹⁾ GW 45 601 - possibility of frontal interlock between any two MCCBs of the following types: MTX/M 160c - MTX/E 160 - MTX/M 250

47 CVX 630 M RANGE

CVX 630 M	
Regulation: EN 60439-1, EN 61439-1 and EN 61439-2	Degree of protection: IP 30 without door
Rated current: up to 630 A	IP 55 with glass/solid door
Rated operational voltage (Ue): up to 690V ac	Operating temperature: -5°C - 40°C
Rated insulation voltage (Ui): up to 1000Vac	Storage temperature: 25°C - 55°C
Rated impulse withstand voltage (Uimp): 8kV 1.2/50 μs	Sheet steel casing, 1.5/10mm thick
Rated conditioned short-circuit current (Icc): 36kA	Functional uprights: 1.5/10mm thick
Rated peak withstand current (Ipk): 75 kA	Sheet steel panel, 1.2/10mm thick
Rated short-time withstand current (Icw): 35 kA	Sheet steel door, 1.5/10mm thick
Protection against indirect contact: metal casing prearranged for earth connection	Back mounting plates and kit of insulated case plates in hot galvanized sheet metal, 2.0/10mm thick
	Sheet steel painted with Grey RAL 7035 epoxy-polyester powder

STRUCTURAL ELEMENTS

WALL-MOUNTING DISTRIBUTION BOARDS

GW45054



MONOBLOC SIDE-BY-SIDE WALL-MOUNTING STRUCTURES IN PAINTED SHEET STEEL - GREY RAL 7035 - COMPLETE WITH FUNCTIONAL FRAMES AND CABLE GLAND PLATES

Code	Functional dim. LxH (mm)	Depth D (mm)	Pack. Carton.
GW 45 054	600x1000	280	1
GW 45 055	600x1200	280	1
GW 45 064	850x1000	280	1
GW 45 065	850x1200	280	1

ACCESSORIES SUPPLIED: 2 cable gland plates complete with fixing screws for the distribution boards B=600mm.
6 cable gland plates complete with fixing screws for the distribution boards B=850mm.
4 brackets for surface-mounting.

SIDE PANELS FOR WALL-MOUNTING DISTRIBUTION BOARDS

GW45074



PAIR OF SIDE PANELS FOR WALL-MOUNTING DISTRIBUTION BOARDS IN PAINTED SHEET STEEL

Code	For structures HxD (mm)	Pack. Carton.
GW 45 074	1000x280	1
GW 45 075	1200x280	1

ACCESSORIES SUPPLIED: screws for fixing to the structure.

GW45394



PAIR OF AERATED SIDE PANELS FOR WALL-MOUNTING DISTRIBUTION BOARDS IN PAINTED SHEET STEEL

Code	For structures HxD (mm)	Pack. Carton.
GW 45 394	1000x280	1
GW 45 395	1200x280	1

ACCESSORIES SUPPLIED: screws for fixing to the structure.
APPLICATIONS: louver for natural or forced aeration, with IP30 degree of protection.

FLOOR-MOUNTING DISTRIBUTION BOARDS

GW45059



MONOBLOC SIDE-BY-SIDE FLOOR-MOUNTING STRUCTURES IN PAINTED SHEET STEEL - GREY RAL 7035 - COMPLETE WITH FUNCTIONAL FRAMES, CABLE GLAND PLATES AND INSPECTABLE BASE H = 100MM - BLUE RAL 5003

Code	Functional dim. LxH (mm)	Depth D (mm)	Pack. Carton.
GW 45 057	600x1600	280	1
GW 45 058	600x1800	280	1
GW 45 059	600x2000	280	1
GW 45 067	850x1600	280	1
GW 45 068	850x1800	280	1
GW 45 069	850x2000	280	1

ACCESSORIES SUPPLIED: 1 cable gland plate complete with fixing screws for the distribution boards B=600mm.
3 cable gland plates complete with fixing screws for the distribution boards B=850mm.

47 CVX 630 M RANGE

MONOBLOC DISTRIBUTION BOARDS UP TO 630A - IP55

SIDE PANELS FOR FLOOR-MOUNTING DISTRIBUTION BOARDS

GW45079



PAIR OF SIDE PANELS FOR FLOOR-MOUNTING DISTRIBUTION BOARDS IN PAINTED SHEET STEEL		
Code	For structures HxD (mm)	Pack. Carton.
GW 45 077	1600x280	1
GW 45 078	1800x280	1
GW 45 079	2000x280	1

ACCESSORIES SUPPLIED: fixing screws.

GW45399



PAIR OF AERATED SIDE PANELS FOR FLOOR-MOUNTING DISTRIBUTION BOARDS IN PAINTED SHEET STEEL		
Code	For structures HxD (mm)	Pack. Carton.
GW 45 397	1600x280	1
GW 45 398	1800x280	1
GW 45 399	2000x280	1

ACCESSORIES SUPPLIED: screws for fixing to the structure.

APPLICATIONS: louver for natural or forced aeration, with IP30 degree of protection.

FRONT DOORS

GW45159



TRANSPARENT DOORS IN CURVED, SMOKED GLASS, TEMPERED FOR SAFETY AND FITTED WITH HANDLE AND ROD CLOSURE		
Code	For structures LxH (mm)	Pack. Carton.
GW 45 154	600x1000	1
GW 45 155	600x1200	1
GW 45 157	600x1600	1
GW 45 158	600x1800	1
GW 45 159	600x2000	1
GW 45 164	850x1000	1
GW 45 165	850x1200	1
GW 45 167	850x1600	1
GW 45 168	850x1800	1
GW 45 169	850x2000	1

ACCESSORIES SUPPLIED: 4 mounting pins; key in zama alloy.

CHARACTERISTICS: possible to assemble the door with reversible opening (right/left);
painted sheet metal, Grey RAL 7035.

GW45179



BLANK DOORS IN PAINTED SHEET METAL, FITTED WITH HANDLE AND ROD CLOSURE		
Code	For structures LxH (mm)	Pack. Carton.
GW 45 174	600x1000	1
GW 45 175	600x1200	1
GW 45 177	600x1600	1
GW 45 178	600x1800	1
GW 45 179	600x2000	1
GW 45 184	850x1000	1
GW 45 185	850x1200	1
GW 45 187	850x1600	1
GW 45 188	850x1800	1
GW 45 189	850x2000	1

ACCESSORIES SUPPLIED: 4 mounting pins; key in zama alloy.

CHARACTERISTICS: possible to assemble the door with reversible opening (right/left);
painted sheet metal, Grey RAL 7035.

47 CVX 630
M RANGE

①=May 2010

②=June 2010

③=September 2010

INTERNAL CABLE COMPARTMENT

GW45089



KIT FOR INTERNAL CABLE COMPARTMENT - COMPLETE WITH HINGED COVER

Code	For structures LxH (mm)	Pack. Carton.
GW 45 084	850x1000	1
GW 45 085	850x1200	1
GW 45 087	850x1600	1
GW 45 088	850x1800	1
GW 45 089	850x2000	1

ACCESSORIES SUPPLIED: panel in painted sheet metal, Grey RAL 7035.

CHARACTERISTICS: possibility to assemble the internal cable compartment at the right or at the left side for distribution boards L=850 mm.

EXTERNAL CABLE COMPARTMENT

GW45099



EXTERNAL CABLE COMPARTMENT

Code	Functional dim. LxH (mm)	Depth D (mm)	Pack. Carton.
GW 45 097	400x1600	280	1
GW 45 098	400x1800	280	1
GW 45 099	400x2000	280	1

ACCESSORIES SUPPLIED: N. 1 cable gland plate with fixing screws.

NOTES: the external compartment can be put together with the structure by using the special side by side kit.

GW45199



INTERNAL/EXTERNAL BLANK DOORS IN PAINTED SHEET METAL

Code	For structures LxH (mm)	Pack. Carton.
DESCRIPTION: EXTERNAL DOOR		
GW 45 197	400x1600	1
GW 45 198	400x1800	1
GW 45 199	400x2000	1
DESCRIPTION: INTERNAL DOOR		
GW 45 352	400x1600	1
GW 45 353	400x1800	1
GW 45 354	400x2000	1

ACCESSORIES SUPPLIED: external door equipped with handle with 4 mounting pins and alloy key

NOTES: the internal doors are used on an external cable compartment put together with an IP 30 structure without door. The internal doors can be used also as inner door in the external door version.

CHARACTERISTICS: For the external door possibility of replacing the rotary handle closure with a security lock;

possibility to assemble the door with reversible opening (right/left); sheet metal coating colour Grey RAL 7035. sheets painted with polyester epoxy powder Grey RAL 7035.

47 CVX 630 M RANGE

MONOBLOC DISTRIBUTION BOARDS UP TO 630A - IP55

FRONT CONFIGURATION

INSTALLATION KIT FOR DEVICES ON DIN RAIL

GW45202



INSTALLATION KIT FOR MODULAR DEVICES (90 RANGE) AND MOULDED-CASE DEVICES UP TO 160A (MTX/M 160c, MTX/E 160, MTX/M 250 RANGE) COMPLETE WITH PANELS WITH WINDOW AND DOUBLE DIN RAIL EN 50022 (DIN 35) IN ALUMINIUM

Code	Dimensions LxH (mm)	Section dim. HxD (mm)	Pack. Carton.
No. MODULES: 10			
GW 45 291	400x150	2x(35x7,5)	1
GW 45 292	400x200	2x(35x7,5)	1
GW 45 293	400x300	2x(35x7,5)	1
No. MODULES: 24			
GW 45 201	600x150	2x(35x7,5)	1
GW 45 202	600x200	2x(35x7,5)	1
GW 45 203	600x300	2x(35x7,5)	1
GW 45 204	600x300	2x(35x7,5)	1
No. MODULES: 36			
GW 45 206	850x150	2x(35x7,5)	1
GW 45 207	850x200	2x(35x7,5)	1
GW 45 208	850x300	2x(35x7,5)	1
GW 45 209	850x300	2x(35x7,5)	1

ACCESSORIES SUPPLIED: double EN 50022 (DIN 35) rail in aluminium; 2 screws for the assembly of the system device rail; 2 support brackets in galvanised sheet metal; fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal, Grey RAL 7035; panel contact earth connection; captive panel fixing screws; pre-arrangement of panels for rotation hinge.

NOTES: for the assembly of the MTX moulded-case devices with or without residual current device, order the special kit for fixing to the DIN rail. The coupling of modular and moulded-case devices requires the depth adapter GW49209.

GW45201/6 for modular devices of the 90 range only.

GW45202/3/7/8 suitable for modular devices of the 90 and MTX/M 160c, MTX/M 160c ranges with lowered "L" add-on residual current device, MTX/E 160, MTX/M 250.

GW45204/9 version for MTX/M 160c, MTX/E 160, MTX/M 250 with "L" add-on residual current device.

INSTALLATION KIT FOR MTX MOULDED-CASE DEVICES FIXED ON PLATE

GW45236



INSTALLATION KIT FOR MCCB UP TO 630A, IN FIXED ASSEMBLY, COMPLETE WITH PERFORATED FRONT PANEL AND FIXING PLATE

Code	Dimensions LxH (mm)	Suitable for	No. of poles	Installation	Pack. Carton.
No. MODULES: 10					
GW 45 243	400x200	MTX/M 160c	3P - 4P	Vertical	1
GW 45 244	400x200	MTX/E 160	3P - 4P	Vertical	1
GW 45 245	400x300	MTX/M 250	3P - 4P	Vertical	1
GW 45 246	400x400	MTX/E/M 320	3P - 4P	Vertical	1
GW 45 247	400x400	MTX/E/M 630	3P - 4P	Vertical	1
No. MODULES: 24					
GW 45 236	600x300	MTX/M 250	3P - 4P	Vertical	1
GW 45 237	600x400	MTX/E/M 320	3P - 4P	Vertical	1
GW 45 238	600x400	MTXM 400-MTX/E/M 630	3P - 4P	Vertical	1

ACCESSORIES SUPPLIED: galvanised sheet metal support plate; fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035; panel earthing for contact; prearrangement of the panels for rotation hinges (included); captive fixing screws;

GW45273



INSTALLATION KIT FOR MCCB UP TO 630A, IN FIXED ASSEMBLY, COMPLETE WITH PERFORATED FRONT PANEL AND FIXING PLATE

Code	Dimensions LxH (mm)	Suitable for	No. of poles	Installation	Pack. Carton.
No. MODULES: 24					
GW 45 271	600x200	MTX/M 160c	3P - 4P	Horizontal	1
GW 45 272	600x200	MTX/E 160	3P - 4P	Horizontal	1
GW 45 273	600x200	MTX/M 250	3P - 4P	Horizontal	1
GW 45 274	600x200	MTX/E/M 320	3P - 4P	Horizontal	1
GW 45 275	600x300	MTXM 400-MTX/E/M 630	3P - 4P	Horizontal	1
No. MODULES: 36					
GW 45 276	850x200	MTX/M 250	3P - 4P	Horizontal	1
GW 45 277	850x200	MTX/E/M 320	3P - 4P	Horizontal	1
GW 45 278	850x300	MTXM 400-MTX/E/M 630	3P - 4P	Horizontal	1

ACCESSORIES SUPPLIED: galvanised sheet metal support plate; fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035; panel earthing for contact; prearrangement of the panels for rotation hinges (included); captive fixing screws.

①=May 2010

②=June 2010

③=September 2010

GW45283



INSTALLATION KIT FOR MCCB UP TO 500A WITH ADD-ON RESIDUAL CURRENT DEVICE IN FIXED ASSEMBLY, COMPLETE WITH PERFORATED PANEL AND FIXING PLATE

Code	Dimensions LxH (mm)	Suitable for	No. of poles	Installation	Pack. Carton.
No. MODULES: 10					
GW 45 248	400x300	MTX/M 160c	4P	Vertical	1
GW 45 249	400x400	MTX/M 250	4P	Vertical	1
No. MODULES: 24					
GW 45 281	600x200	MTX/M 160c	4P	Horizontal	1
GW 45 282	600x200	MTX/E 160	4P	Horizontal	1
GW 45 283	600x200	MTX/M 250	4P	Horizontal	1
GW 45 284	600x200	MTX/E/M 320	4P	Horizontal	1
GW 45 285	600x300	MTXM 400-MTX/E/M 630	4P	Horizontal	1
No. MODULES: 36					
GW 45 286	850x200	MTX/M 160c	4P	Horizontal	1
GW 45 287	850x200	MTX/E 160	4P	Horizontal	1
GW 45 288	850x200	MTX/M 250	4P	Horizontal	1
GW 45 289	850x200	MTX/E/M 320	4P	Horizontal	1
GW 45 290	850x300	MTXM 400-MTX/E/M 630	4P	Horizontal	1

ACCESSORIES SUPPLIED: galvanised sheet metal support plate; fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal, Grey RAL 7035; contact earth connection; captive panel fixing screws; pre-arrangement of panels for rotation hinge. GW 45 281/6 not suitable for lowered "L" add-on residual current device.

GW45262



INSTALLATION KIT FOR MCCB UP TO 630A WITH DIRECT ROTARY HANDLE OR MOTOR CONTROL, COMPLETE WITH PERFORATED PANEL AND FIXING PLATE

Code	Dimensions LxH (mm)	Suitable for	No. of poles	Installation	Complete with	Pack. Carton.
No. MODULES: 24						
GW 45 261	600x200	MTX/M 160c	3P - 4P	Horizontal	Direct rotary handle	1
GW 45 262	600x200	MTX/E160	3P - 4P	Horizontal	Direct rotary handle	1
GW 45 263	600x200	MTX/M 250	3P - 4P	Horizontal	Direct rotary handle	1
GW 45 264	600x200	MTX/E/ 320	3P - 4P	Horizontal	Direct rotary handle	1
GW 45 265	600x300	MTX/E/M 630	3P - 4P	Horizontal	Direct rotary handle	1
GW 45 266	600x200	MTX/M 160c	3P - 4P	Horizontal	Motor control	1
GW 45 267	600x200	MTX/E 160	3P - 4P	Horizontal	Motor control	1
GW 45 268	600x200	MTX/M 250	3P - 4P	Horizontal	Motor control	1

ACCESSORIES SUPPLIED: galvanised sheet metal support plate; fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal, Grey RAL 7035; contact earth connection; captive panel fixing screws; pre-arrangement of panels for rotation hinge.

NOTES: with GW45264/5 it is not possible to assemble the bars on the base to pass behind the kit plate.

GW45601



INSTALLATION KIT FOR INTERLOCKED MCCB UP TO 630A, COMPLETE WITH PERFORATED FRONT PANEL AND SUPPORT PLATE

Code	Dimensions LxH (mm)	Suitable for	No. of poles	Installation	Control	Pack. Carton.
No. MODULES: 24						
GW 45 601	600x300	MTX/M 160c-MTX/E 160-MTX/M 250	3P - 4P	Vertical	Lever	1
GW 45 602	600x500	MTX/M 250	3P - 4P	Horizontal	Lever	1
GW 45 603	600x600	MTX/E/M 320	3P - 4P	Horizontal	Lever	1
GW 45 604	600x600	MTX/E/M 630	3P - 4P	Horizontal	Lever	1

ACCESSORIES SUPPLIED: galvanised sheet metal support plate; fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal, Grey RAL 7035; contact earth connection; captive panel fixing screws; pre-arrangement of panels for rotation hinge.

NOTES: with GW45602/3/4 it is not possible to assemble the bars on the base to pass behind the kit plate.

GW45601 - possibility of front interlock between any two circuit breakers of the following types: MTX/M 160c - MTX/E 160 - MTX/M 250.

Interlock system to be purchased separately.

47 CVX 630 M RANGE

MONOBLOC DISTRIBUTION BOARDS UP TO 630A - IP55

INSTALLATION KIT FOR MSS SWITCH DISCONNECTOR (ON FIXING PLATE)

GW45252



INSTALLATION KIT FOR SWITCH-DISCONNECTORS IN FIXED ASSEMBLY, COMPLETE WITH PERFORATED FRONT PANEL AND FIXING PLATE

Code	Dimensions LxH (mm)	Suitable for	No. of poles	Installation	Pack. Carton.
No. MODULES: 10					
GW 45 298	400x300	MSS 250	3P - 4P	Vertical	1
GW 45 299	400x500	MSS 630	3P - 4P	Vertical	1
No. MODULES: 24					
GW 45 251	600x300	MSS 250	3P - 4P	Horizontal/Vertical	1
GW 45 252	600x500	MSS 630	3P - 4P	Vertical	1
GW 45 256	600x400	MSS 630	3P - 4P	Horizontal	1
No. MODULES: 36					
GW 45 253	850x300	MSS 250	3P - 4P	Horizontal/Vertical	1
GW 45 254	850x500	MSS 630	3P - 4P	Vertical	1
GW 45 257	850x400	MSS 630	3P - 4P	Horizontal	1

ACCESSORIES SUPPLIED: galvanised sheet metal support plate; fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035; panel earthing for contact; prearrangement of the panels for rotation hinges (included); captive fixing screws.

FRONT PANELS

GW45304



SOLID FRONT PANELS

Code	Dimensions LxH (mm)	Pack. Carton.
No. MODULES: 10		
GW 45 341	400x50	1
GW 45 342	400x100	1
GW 45 343	400x150	1
GW 45 344	400x200	1
GW 45 345	400x300	1
GW 45 346	400x400	1
GW 45 347	400x600	1
GW 45 348	400x800	1
No. MODULES: 24		
GW 45 301	600x50	1
GW 45 302	600x100	1
GW 45 303	600x150	1
GW 45 304	600x200	1
GW 45 305	600x300	1
GW 45 306	600x400	1
GW 45 307	600x600	1
No. MODULES: 36		
GW 45 321	850x50	1
GW 45 322	850x100	1
GW 45 323	850x150	1
GW 45 324	850x200	1
GW 45 325	850x300	1
GW 45 326	850x400	1
GW 45 327	850x600	1

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035; panel earthing for contact; prearrangement of the panels, except for GW45341/2, GW45301/2 and GW45321/2, for rotation hinges (included); captive fixing screws.

METAL FRONT PANELS FOR MEASURING INSTRUMENTS AND THREE-WAY SWITCHES

Code	Dimensions LxH (mm)	3-way switch no. x hole Ø	Instruments N. x dimensions	Pack. Carton.
No. MODULES: 24				
GW 45 374	600x200	1 Ø9,5 mm	4 96 x 96 mm	1
No. MODULES: 36				
GW 45 379	850x200	1 Ø9,5 mm	4 96 x 96 mm	1

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal, Grey RAL 7035; earthing by panel contact; captive panel fixing screws; pre-arrangement of panels for rotation hinges.

APPLICATIONS: installation of ammeters, voltmeters and voltmeter/ammeter selector switches.

GW45374



47 CVX 630 M RANGE

①=May 2010

②=June 2010

③=September 2010

GW45362



AERATION FRONT PANELS

Code	Dimensions LxH (mm)	Pack. Carton.
No. MODULES: 24		
GW 45 362	600x200	1
No. MODULES: 36		
GW 45 367	850x200	1

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035;
panel earthing for contact; prearrangement of the panels for rotation hinges (included);
captive fixing screws;

APPLICATIONS: natural ventilation in surface and floor distribution boards.

ACCESSORIES

GW49209



DEPTH ADAPTER

Code	Length (mm)	Pack. Carton.
GW 49 209	600	1

APPLICATIONS: compensation of the different installation depths on DIN rail EN 50022 of the modular devices (90 Range) and moulded-case devices (MTX 160/c-250).

GW47291



BLANKING MODULE PROFILE IN PLASTIC MATERIAL - GREY RAL 7035

Code	No. EN 50022 modules	Pack. Carton.
GW 47 291	24	10

CHARACTERISTICS: clip fixing on DIN perforated panels.

GW45532



PAIR OF METAL HINGES FOR FRONT PANELS

Code	Hook type	Opening angle	Suitable for	Pack. Carton.
GW 45 532	With screws	90°	For panels H higher than 100 mm	1

ACCESSORIES SUPPLIED: 1 panel closing plug.

CHARACTERISTICS: additional earthing of the panel by contact.

APPLICATIONS: option of hinging front panels.

47 CVX 630 M RANGE

MONOBLOC DISTRIBUTION BOARDS UP TO 630A - IP55

INTERNAL CONFIGURATION

DIN RAILS



SHEET METAL RAILS FOR MODULAR DEVICES, COMPLETE WITH FIXING SUPPORTS

Code	Section dim. HxD (mm)	Profile	Material	Pack. Carton.
No. MODULES: 24				
GW 45 401	2x(35x7,5)	double EN 50022 (DIN 35)	Aluminium	1
No. MODULES: 36				
GW 45 402	2x(35x7,5)	double EN 50022 (DIN 35)	Aluminium	1

ACCESSORIES SUPPLIED: double EN 50022 (DIN 35) rail in depth adjustable aluminium;
n. 2 screws for mounting the device-holder rail; 2 support brackets in galvanised sheet metal;
fixing accessories.

BACK-MOUNTING PLATES



BACK-MOUNTING PLATES FOR NON-MODULAR DEVICES, COMPLETE WITH FIXING SUPPORTS

Code	Dimensions LxH (mm)	Pack. Carton.
No. MODULES: 10		
GW 45 406	400x300	1
No. MODULES: 24		
GW 45 421	600x200	1
GW 45 422	600x400	1
GW 45 423	600x600	1
No. MODULES: 36		
GW 45 431	850x200	1
GW 45 432	850x400	1
GW 45 433	850x600	1

ACCESSORIES SUPPLIED: fixing accessories.
CHARACTERISTICS: galvanised sheet metal plate (20/10 mm thick).

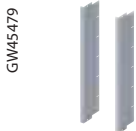
DIVIDERS



HORIZONTAL DIVIDING RAILS IN THE STRUCTURE

Code	Width (mm)	Pack. Carton.
No. MODULES: 24		
GW 45 453	600	1
No. MODULES: 36		
GW 45 454	850	1

CHARACTERISTICS: allow the internal separation of the distribution distribution boards.



VERTICAL DIVIDING RAILS IN THE STRUCTURE AND IN THE CABLE COMPARTMENT

Code	Height H (mm)	Pack. Carton.
SUITABLE FOR: INTERNAL CABLE COMPARTMENT		
GW 45 474	1000	1
GW 45 475	1200	1
GW 45 477	1600	1
GW 45 478	1800	1
GW 45 479	2000	1
SUITABLE FOR: STRUCTURES / EXT. CABLE COMP.		
GW 45 457	1600	1
GW 45 458	1800	1
GW 45 459	2000	1

CHARACTERISTICS: allow the internal separation (form 2) in the case of busbar in the cable compartment.

TECHNICAL COMPONENTS

ACCESSORIES

GW45411



DIN PROFILES WITH DIRECT FIXING ON FRAME

Code	Section dim. HxD (mm)	Profile	Material	Pack. Carton.
No. MODULES: 24				
GW 45 411	35x15	EN 50022 (DIN 35)	Galvanized metal	1
GW 45 412	32x15	EN 50035 (G 32)	Galvanized metal	1
No. MODULES: 36				
GW 45 416	35x15	EN 50022 (DIN 35)	Galvanized metal	1
GW 45 417	32x15	EN 50035 (G 32)	Galvanized metal	1

GW45521



PAIR OF SUPPORTS

Code	Type	Installation	Suitable for	Pack. Carton.
GW 45 521	For wiring trunking	Horizontal/Vertical	Distrib. boards L=400/600/850	1
GW 45 526	For terminal block	Horizontal	Distrib. boards L=400/600/850	1
GW 45 527	For terminal block	Vertical	Internal compartment	1
GW 45 528	For terminal block	Vertical	External compartment	1

GW47691



DIN PROFILES

Code	Profile	Length (mm)	Pack. Carton.
GW 47 691	EN 50022 (DIN 35)	2000	1/5
GW 47 692	EN 50035 (G 32)	2000	1/5
GW 47 693	EN 50024 (C30)	2000	1/5

GW46448



VENTILATION KIT

Code	Description	Pack. Carton.
GW 46 448	Ventilation kit	1/2
GW 46 471	Aeration kit	1/10

NOTE: hole dimensions 125x117 mm; fixing screw centre distance 123x115 mm.

GW45582



ADDITIONAL PAINTED PLINTH - H=100 - BLUE RAL 5003 - WITH CONTROLLABLE FRONT AND REAR

Code	Dimensions LxD (mm)	Pack. Carton.
GW 45 581	400x280	1
GW 45 582	600x280	1
GW 45 583	850x280	1

CHARACTERISTICS: additional block-mount to facilitate cable entry and raise the distribution boards.
Lateral pre-breaking for the cable passages.

GW47473



KIT FOR SIDE-BY-SIDE USE OF STRUCTURES AND GASKET

Code	Description	For distribution boards	Quantity	Pack. Carton.
GW 45 533	Plates and screws	Wall mounting	4 pieces	1/10
GW 47 472	Plates and screws	Floor-mounting	8 pieces	1/10
GW 47 473	Gasket roll		20 m	1/10

GW46447



MISCELLANEOUS ACCESSORIES

Code	Description	Characteristics	Suitable for	Pack. Carton.
GW 46 447	Adhesive document pocket	dimensions 310x230 mm		1/10
GW 47 491	N. 2 brackets		Wall mounting fixing	1/10
GW 47 192	Lock insert	Yale Type	wall-mounting distr. boards	1/10
GW 47 494	Rotary handle	with Yale type inserts	floor-mounting distr. boards	1
GW 38 561	N. 2 eyebolts M10			1
GW 47 196	Aerosol spray	colour grey RAL 7035		1/6
GW 47 296	Aerosol spray	colour blue RAL 5003		1/6

47 CVX 630
M RANGE

47 CVX 630 M RANGE

MONOBLOC DISTRIBUTION BOARDS UP TO 630A - IP55

CROSSPIECES FOR CABLE FIXING

GW45518



CROSSPIECES FOR CABLE FIXING

Code	Suitable for	Pack. Carton.
GW 45 516	Internal cable compartment	1
GW 45 517	External cable compartment	1
GW 45 518	Distribution boards L=600	1
GW 45 519	Distribution boards L=850	1

APPLICATION: permits the fixing of the input/output cables on the distribution boards structure.

EARTH BUSBAR

GW45534



EARTH BUSBAR WITH THREADED HOLES FOR THE CONNECTION OF EQUIPOTENTIAL BONDING

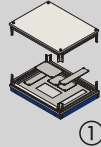

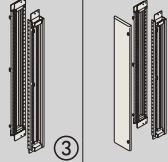
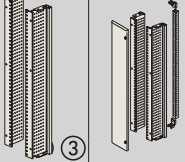
Code	For distribution boards	Section	N./diam. of threaded holes	Step drilling	Pack. Carton.
GW 45 534	B=600	20x5	24xM6	18 mm	1
GW 45 535	B=850	20x5	36xM6	18 mm	1

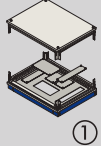





NOTE: direct fixing on the functional frames.

47 CVX 1600 RANGE

MODULAR FLOOR-MOUNTING DISTRIBUTION BOARDS UP TO 3200A








CVX 1600 STRUCTURES

STRUCTURE													
Dimensions			Overall external dimensions			Base/Head/Skirting	Uprights	Functional frames for non-separated enclosures		Functional frames for non-separated enclosures			
Functional	Nominal		H	L	D								
H	L	D	H	L	D			Open frame	Internal compartment	Closed frame	Internal compartment		
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)								
1800	400	400	2031	538	389	GW 49 001	GW 49 011	GW 49 021	-	GW 49 023	-		
	400	600		538	664	GW 49 002			-		-		
	400	800		538	864	GW 49 003			-		-		
	600	400		748	389	GW 49 004			-		-		
	600	600		748	664	GW 49 005			-		-		
	600	800		748	864	GW 49 006			-		-		
	850	400		948	389	GW 49 007			-		-		
	850	600		948	664	GW 49 008			-		GW 49 112	-	GW 49 111
	850	800		948	864	GW 49 009			-		-	-	-
2000	400	400	2231	538	389	GW 49 001	GW 49 012	GW 49 022	-	GW 49 024	-		
	400	600		538	664	GW 49 002			-		-		
	400	800		538	864	GW 49 003			-		-		
	600	400		748	389	GW 49 004			-		-		
	600	600		748	664	GW 49 005			-		-		
	600	800		748	864	GW 49 006			-		-		
	850	400		948	389	GW 49 007			-		-	-	-
	850	600		948	664	GW 49 008			-		GW 49 114	-	GW 49 113
	850	800		948	864	GW 49 009			-		-	-	-




EXTERNAL CABLE COMPARTMENT											
Dimensions			Overall external dimensions			Base/Head/Skirting	Uprights	Internal door IP 31/41	External front door IP 65	Aerated side panel IP 41	Solid side panel IP 65
Functional	Nominal		H	L	D						
H	L	D	H	L	D						
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)						
1800	300	400	2031	420	362	GW 49 115	GW 49 011	GW 49 121	GW 49 123	-	GW 49 041
		600			637	GW 49 116				GW 49 031	GW 49 042
		800			837	GW 49 117				GW 49 032	GW 49 043
2000	300	400	2231	420	362	GW 49 115	GW 49 012	GW 49 122	GW 49 124	-	GW 49 044
		600			637	GW 49 116				GW 49 033	GW 49 045
		800			837	GW 49 117				GW 49 034	GW 49 046

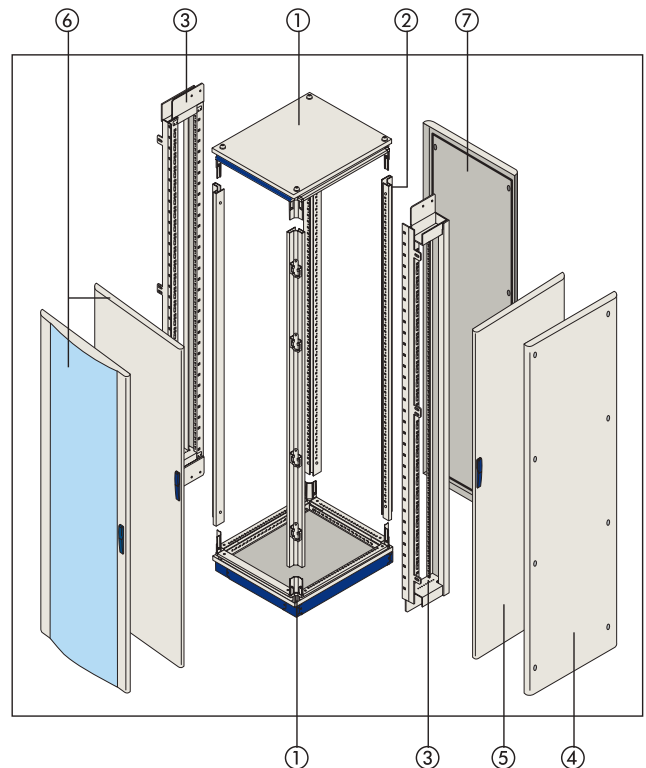
47 CVX 1600 RANGE

STRUCTURE

Side covers			Front and rear covers IP 65				Finish profile IP 31
 ④	 ④	 ⑤	 ⑥	 ⑥	 ⑥	 ⑦	
Aerated side panel IP 41	Side panel IP 65	Side door IP 65	Glass door 12/24/36 mod.	Protruding glass door 24/36 mod.	Solid door 12/24/36 mod.	Rear panel	
–	GW 49 041	GW 49 051	GW 49 061	–	GW 49 081	GW 49 091	See the technical-commercial tables for the choice available
GW 49 031	GW 49 042	GW 49 053		–			
GW 49 032	GW 49 043	GW 49 055		–			
–	GW 49 041	GW 49 051	GW 49 063	GW 49 071	GW 49 083	GW 49 092	
GW 49 031	GW 49 042	GW 49 053					
GW 49 032	GW 49 043	GW 49 055					
–	GW 49 041	GW 49 051	GW 49 065	GW 49 073	GW 49 085	GW 49 093	
GW 49 031	GW 49 042	GW 49 053					
GW 49 032	GW 49 043	GW 49 055					
–	GW 49 044	GW 49 052	GW 49 062	–	GW 49 082	GW 49 094	
GW 49 033	GW 49 045	GW 49 054		–			
GW 49 034	GW 49 046	GW 49 056		–			
–	GW 49 044	GW 49 052	GW 49 064	GW 49 072	GW 49 084	GW 49 095	
GW 49 033	GW 49 045	GW 49 054					
GW 49 034	GW 49 046	GW 49 056					
–	GW 49 044	GW 49 052	GW 49 066	GW 49 074	GW 49 086	GW 49 096	
GW 49 033	GW 49 045	GW 49 054					
GW 49 034	GW 49 046	GW 49 056					

EXTERNAL CABLE COMPARTMENT

Side door IP 65	Rear panel IP 65	Finish profile IP 31
 ⑤	 ⑦	
GW 49 051	GW 49 097	See the technical-commercial tables for the choice available
GW 49 053		
GW 49 055		
GW 49 052	GW 49 098	
GW 49 054		
GW 49 056		

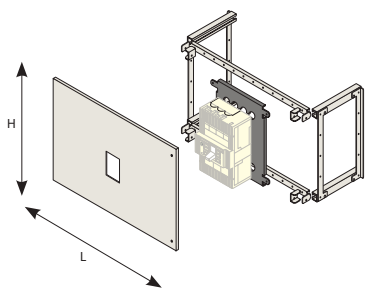


47 CVX 1600 RANGE

47 CVX 1600 RANGE

MODULAR FLOOR-MOUNTING DISTRIBUTION BOARDS UP TO 3200A

KIT OF MTX, MTS MOULDED-CASE CIRCUIT BREAKERS AND MSS SWITCH DISCONNECTORS FOR NON-SEPARATED CVX 1600 ENCLOSURES

			NON-SEPARATED ENCLOSURES							
			FIXED EXECUTION							
MTX front and rear coupling kit	Panel height (mm)	No. poles	LEVER CONTROL			DIRECT ROTATING HANDLE		MOTOR CONTROL	INTERLOCKED	MOTORISED INTERLOCKED
			L=400mm (12 mod.)	L=600mm (24 mod.)	L=850mm (36 mod.)	L=600mm (24 mod.)	L=850mm (36 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)
HORIZONTAL INSTALLATION										
MTX/M 160c	200	3-4P	GW 49 183	GW 49 861		GW 49 866		GW 49 861		
MTX/M 160c with "L" RCD	200	4P	GW 49 186	GW 49 863	GW 49 926					
MTX/E 160	200	3-4P	GW 49 184	GW 49 862		GW 49 867		GW 49 862		
MTX/E 160 with "L" RCD	200	4P	GW 49 187 ⁽¹⁾	GW 49 864 ⁽¹⁾	GW 49 927 ⁽¹⁾					
MTX/M 250	200	3-4P	GW 49 188	GW 49 868	GW 49 928	GW 49 869		GW 49 868		
	500	3-4P							GW 49 875	GW 49 875
MTX/M 250 with "L" RCD	300	4P	GW 49 192 ⁽¹⁾	GW 49 870 ⁽¹⁾	GW 49 929 ⁽¹⁾					
MTX/E/M 320	200	3-4P	GW 49 193	GW 49 876		GW 49 876		GW 49 876		
	300	3-4P								
	600	3-4P							GW 49 884	GW 49 884
MTX/E/M 320 with RCD	200	4P		GW 49 880						
MTXM 400 MTX/E/M 630 (400A)	300	3-4P	GW 49 195	GW 49 888	GW 49 931	GW 49 888		GW 49 888		
	300	3-4P	GW 49 195	GW 49 888	GW 49 931	GW 49 888		GW 49 888		
	600	3-4P							GW 49 904	GW 49 904
MTXM 400 - MTX/E/M 630 with RCD	300	4P		GW 49 902	GW 49 933					
MTXM 800	500	3-4P		GW 49 906		GW 49 908		GW 49 909		
MTX/E/M 1000	800	3-4P							GW 49 911 ⁽²⁾	GW 49 912 ⁽²⁾
	600	3-4P		GW 49 311 ⁽²⁾		GW 49 312 ⁽²⁾		GW 49 313 ⁽²⁾		
MTSE/M 1600	600	3-4P							GW 49 314	GW 49 315
	800	4P								
MSS 250	300	3-4P				GW 49 491	GW 49 494			
MSS 630	400	3-4P				GW 49 492	GW 49 495			
VERTICAL INSTALLATION										
MTX/M 250	300	3-4P	GW 49 189	GW 49 873	GW 49 930					
	400	3-4P								
MTX/E/M 320	400	3-4P	GW 49 194	GW 49 877		GW 49 877		GW 49 877		
	500	3-4P								
MTX/E/M 320 with RCD	500	4P		GW 49 881						
MTXM 400 MTX/E/M 630 (400A)	400	3-4P	GW 49 196	GW 49 895	GW 49 932	GW 49 895		GW 49 895		
	400	3-4P	GW 49 196	GW 49 895	GW 49 932	GW 49 895		GW 49 895		
MTXM 400 MTX/E/M 630	400	3-4P	GW 49 196	GW 49 895	GW 49 932	GW 49 895		GW 49 895		
	500	3-4P								
MTXM 400 - MTX/E/M 630 with RCD	500	4P	GW 49 197	GW 49 903	GW 49 934					
MTXM 800 MTX/E/M 1000	500	3-4P		GW 49 915	GW 49 935	GW 49 917		GW 49 918		
MTSE/M 1600	700	3-4P		GW 49 317	GW 49 340	GW 49 319		GW 49 320		
MSS 250	300	3-4P				GW 49 491	GW 49 494			
MSS 630	500	3-4P				GW 49 493	GW 49 496			

⁽¹⁾ front coupling only ⁽²⁾ rear coupling only

Notes: the MSS 125 and MSS 160 switch disconnectors can be installed on the DIN rail kits

NON-SEPARATED ENCLOSURES

PLUG-IN EXECUTION						WITHDRAWABLE EXECUTION					
Horizontal kit		Vertical kit		Vertical kit		Vertical kit		Horizontal kit		Horizontal kit	
LEVER CONTROL		DIRECT ROTATING HANDLE	MOTOR CONTROL	INTERLOCKED	MOTORISED INTERLOCKED	LEVER CONTROL		DIRECT ROTATING HANDLE	MOTOR CONTROL	INTERLOCKED	MOTORISED INTERLOCKED
L=400mm (12 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=400mm (12 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)

HORIZONTAL INSTALLATION

GW 49 185	GW 49 865										
GW 49 190	GW 49 872	GW 49 871	GW 49 872								
	GW 49 878										
				GW 49 884	GW 49 884		GW 49 882	GW 49 882	GW 49 886	GW 49 885	GW 49 885
	GW 49 889						GW 49 891	GW 49 891	GW 49 893		
	GW 49 890						GW 49 892	GW 49 892	GW 49 894		
				GW 49 904	GW 49 904					GW 49 905	GW 49 905
							GW 49 907	GW 49 907	GW 49 910		
										GW 49 913	GW 49 914
										GW 49 316	GW 49 315

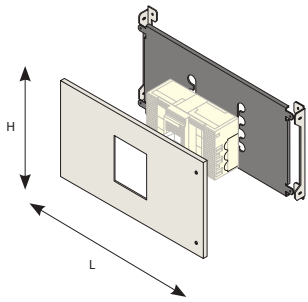
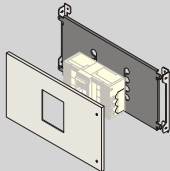
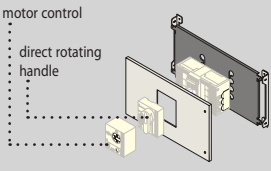
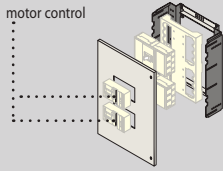
VERTICAL INSTALLATION

GW 49 191	GW 49 874										
	GW 49 879						GW 49 883	GW 49 883	GW 49 887		
	GW 49 896						GW 49 898	GW 49 898	GW 49 900		
	GW 49 897						GW 49 899	GW 49 899	GW 49 901		
							GW 49 916	GW 49 916	GW 49 919		
							GW 49 318	GW 49 318	GW 49 322		

47 CVX 1600 RANGE

MODULAR FLOOR-MOUNTING DISTRIBUTION BOARDS UP TO 3200A

KIT OF MTX AND MTS MOULDED-CASE CIRCUIT BREAKERS FOR SEPARATED CVX 1600 ENCLOSURES

			SEPARATED ENCLOSURES						
			FIXED EXECUTION						
			 Horizontal kit		 Horizontal kit		 Horizontal kit		
			LEVER CONTROL		DIRECT ROTATING HANDLE	MOTOR CONTROL	INTERLOCKED	MOTORISED INTERLOCKED	
MTX front and rear coupling kit	Panel height (mm)	No. poles	L=400mm (12 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	
HORIZONTAL INSTALLATION									
MTX/M 160c	200	3-4P	GW 49 584	GW 49 941		GW 49 941			
MTX/M 160c with "L" RCD	200	4P		GW 49 943					
MTX/E 160	200	3-4P	GW 49 585	GW 49 942	GW 49 945	GW 49 942			
MTX/M 250	200	3-4P	GW 49 587	GW 49 946	GW 49 947	GW 49 946			
	600	3-4P					GW 49 950	GW 49 950	
MTX/E/M 320	200	3-4P	GW 49 589	GW 49 951	GW 49 951	GW 49 954			
	300	3-4P							
	600	3-4P					GW 49 958	GW 49 958	
MTXM 400 MTX/E/M 630 (400A)	300	3-4P	GW 49 592	GW 49 963	GW 49 963	GW 49 970			
	600	3-4P					GW 49 976	GW 49 976	
MTXM 800 MTX/E/M 1000	500	3-4P		GW 49 980	GW 49 982	GW 49 981			
	800	3-4P					GW 49 985	GW 49 986	
MTSE/M 1600	600	3-4P		GW 49 432	GW 49 433	GW 49 434			
	800	4P					GW 49 435 ⁽¹⁾	GW 49 436 ⁽¹⁾	
VERTICAL INSTALLATION									
MTX/E/M 320	400	3-4P	GW 49 590	GW 49 955					
MTXM 400 MTX/E/M 630 (400A)	400	3-4P	GW 49 593	GW 49 971					
	400	3-4P							
MTXM 800 MTX/E/M 1000	500	3-4P		GW 49 989	GW 49 991 ⁽¹⁾	GW 49 992 ⁽¹⁾			
MTSE/M 1600	800	3-4P		GW 49 439	GW 49 441	GW 49 442 ⁽¹⁾			

⁽¹⁾ only form 2

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SEPARATED ENCLOSURES

PLUG-IN EXECUTION						EXTRACTABLE EXECUTION					
Vertical kit		Vertical kit		Vertical kit		Horizontal kit		Horizontal kit		Horizontal kit	
LEVER CONTROL		DIRECT ROTATING HANDLE	MOTOR CONTROL	INTERLOCKED	MOTORISED INTERLOCKED	LEVER CONTROL		DIRECT ROTATING HANDLE	MOTOR CONTROL	INTERLOCKED	MOTORISED INTERLOCKED
L=400mm (12 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=400mm (12 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)	L=600mm (24 mod.)

HORIZONTAL INSTALLATION

GW 49 586	GW 49 944										
GW 49 588	GW 49 948	GW 49 949									
	GW 49 952	GW 49 952									
							GW 49 953	GW 49 953	GW 49 960 ⁽¹⁾		
				GW 49 958	GW 49 959					GW 49 961	GW 49 962
	GW 49 964	GW 49 964					GW 49 966	GW 49 966	GW 49 968 ⁽¹⁾		
	GW 49 965	GW 49 965					GW 49 967	GW 49 967	GW 49 969 ⁽¹⁾		
				GW 49 976	GW 49 977					GW 49 978	GW 49 979
							GW 49 984	GW 49 984	GW 49 983 ⁽¹⁾		
										GW 49 987	GW 49 988
										GW 49 437 ⁽¹⁾	GW 49 438 ⁽¹⁾

VERTICAL INSTALLATION






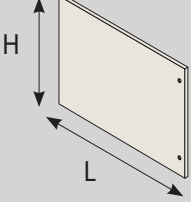


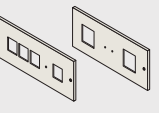
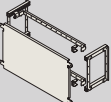
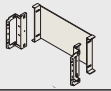
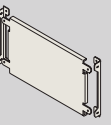
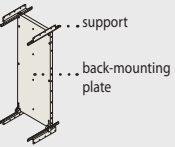
	GW 49 956						GW 49 957				
	GW 49 972						GW 49 974				
GW 49 594	GW 49 973					GW 49 595	GW 49 975				
							GW 49 990	GW 49 990 ⁽¹⁾	GW 49 993 ⁽¹⁾		
							GW 49 440	GW 49 440	GW 49 443 ⁽¹⁾		

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MODULAR FLOOR-MOUNTING DISTRIBUTION BOARDS UP TO 3200A

CVX 1600 ENCLOSURE CONFIGURATION

			Panel height (mm)	L= 400 mm (12 mod.)	L= 600 mm (24 mod.)	L= 850 mm (36 mod.)
INSTALLATION ON DIN RAIL KIT - NON-SEPARATED ENCLOSURES						
1-DIN row installation kit 	DIN rail kit		-	GW 49 221	GW 49 223	GW 49 227
	Front panel with window		200	GW 49 501	GW 49 502	GW 49 506
2-DIN row installation kit 	DIN rail kit		-	-	GW 49 225	GW 49 228
	Front panel with window		300	-	GW 49 504	GW 49 508
1-DIN row strengthened installation kit for MTX 	DIN rail kit		-	-	GW 49 148	GW 49 149
	Front panel with window		200	-	GW 49 502	GW 49 506
Strengthened installation kit for MTX with "L" residual current device 	DIN rail kit		-	-	GW 49 148	GW 49 149
	Front panel with window		300	-	GW 49 146	GW 49 147
INSTALLATION ON DIN RAIL KIT - SEPARATED ENCLOSURE						
1-DIN row installation kit 	DIN rail kit		-	GW 49 222	GW 49 224	GW 49 230
	Front panel with window		200	GW 49 501	GW 49 502	GW 49 506
FRONT PANELS						
Flat blank 			100	GW 49 451	GW 49 456	GW 49 470
			200	GW 49 452	GW 49 457	GW 49 471
			300	GW 49 453	GW 49 458	GW 49 472
			400	GW 49 454	GW 49 459	GW 49 473
			600	GW 49 455	GW 49 460	GW 49 474
			800	-	GW 49 461	GW 49 481
			1800	-	GW 49 463	GW 49 476
			2000	-	GW 49 464	GW 49 477
Sunken blank 			200	-	GW 49 465	GW 49 478
			400	-	GW 49 466	GW 49 479
			600	-	GW 49 467	GW 49 480
Aerated 			100	-	GW 49 468	-
			200	-	GW 49 469	-
For measuring instruments and three-way switches 	No. 2 instruments 72x72mm No. 2 Switches		200	-	GW 49 514	GW 49 518
	No. 2 instruments 96x96mm No. 2 Switches		200	-	GW 49 515	GW 49 519
	No. 4 instruments 72x72mm No. 1 Switch		200	-	GW 49 516	GW 49 520
	No. 4 instruments 96x96mm No. 1 Switch		200	-	GW 49 517	GW 49 521
BACK-MOUNTING PLATES - NON-SEPARATED ENCLOSURES						
Flat 			200	GW 49 801	GW 49 805	GW 49 812
			300	-	GW 49 806	GW 49 813
			400	-	GW 49 807	GW 49 814
			600	-	GW 49 808	GW 49 815
Sunken 			200	-	GW 49 809	GW 49 816
			400	-	GW 49 810	GW 49 817
			600	-	GW 49 811	GW 49 818
BACK-MOUNTING PLATES - SEPARATED ENCLOSURES						
Flat 			200	GW 49 819	GW 49 823	GW 49 851
			300	-	GW 49 824	GW 49 852
			400	-	GW 49 825	GW 49 853
			600	-	GW 49 826	GW 49 854
			800	-	GW 49 827	GW 49 855
FULL-HEIGHT BACK-MOUNTING PLATES						
Back-mounting plates 	Back-mounting plates		1800	-	GW 49 828	GW 49 830
			2000	-	GW 49 829	GW 49 831
	structures P= 400		-	-	GW 49 832	GW 49 832
	Supports structures P= 600		-	-	GW 49 833	GW 49 833
	structures P= 800		-	-	GW 49 834	GW 49 834

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INTERNAL SEPARATIONS FOR CVX 1600 ENCLOSURES

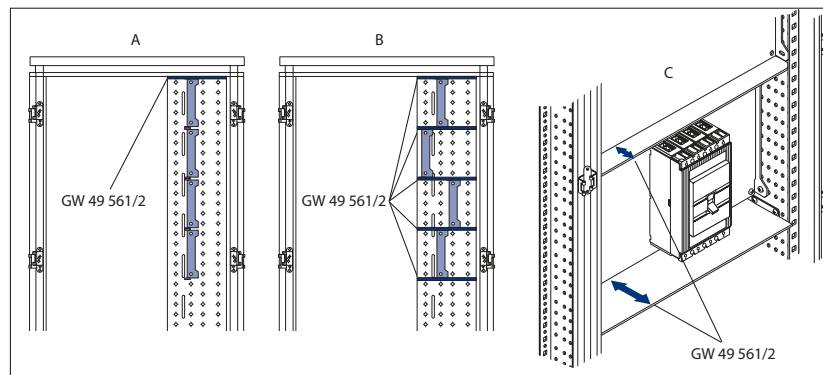
INTERNAL SEPARATION FOR MTX MOULDED CASE CIRCUIT BREAKERS								
INTERNAL SEPARATION FORM			Panel height (mm)					
			200	300	400	500	600	800
FORM 2A		L = 400mm	STANDARD MOULDED-CASE CIRCUIT BREAKERS KIT FOR SEPARATED ENCLOSURES					
		L = 600mm						
FORM 3A		L = 400mm	GW 49 561	GW 49 561	GW 49 561	GW 49 561	GW 49 561	GW 49 561
		L = 600mm	GW 49 562	GW 49 562	GW 49 562	GW 49 562	GW 49 562	GW 49 562
FORM 3B		HORIZONTAL INSTALLATION						
		L = 400mm	GW 49 531	GW 49 532	/	/	GW 49 534 ⁽²⁾	/
		L = 600mm	GW 49 535	GW 49 536	/	GW 49 538	GW 49 539	GW 49 544
		VERTICAL INSTALLATION						
D = 600mm	/	/	GW 49 996	GW 49 540	/	/		
D = 800mm	/	/	GW 49 997	GW 49 541	/	GW 49 543		
FORM 4B		HORIZONTAL INSTALLATION						
		D = 600mm	GW 49 550	GW 49 551	/	GW 49 553	GW 49 554	/
		D = 800mm						
		VERTICAL INSTALLATION						
D = 600mm	/	/	GW 49 998	GW 49 555	/	/		
D = 800mm	/	/	GW 49 999	GW 49 556	/	GW 49 558		

INTERNAL SEPARATION FOR BUSBARS					
Horizontal busbars	Internal cable compartment	External cable compartment	L= 400 mm (12 mod.)	L= 600 mm (24 mod.)	L= 850 mm (36 mod.)
Universal horizontal separation	-	-	GW 49 561	GW 49 562	GW 49 578
Horizontal separation	-	-	GW 49 563	GW 49 564	-
Rear vertical separation	-	-	GW 49 565	GW 49 566	-
Cable compartment separation D= 600/800mm	GW 49 574	GW 49 575	GW 49 576 ⁽¹⁾	GW 49 577 ⁽¹⁾	-
Vertical busbars		D = 600mm	D = 800mm		
Vertical separation (H = 1800mm)	GW 49 567	GW 49 569			
Internal compartment rear separation (H = 1800mm)	GW 49 571	GW 49 571			
Vertical separation (H = 2000mm)	GW 49 568	GW 49 570			
Internal compartment rear separation (H = 2000mm)	GW 49 572	GW 49 572			

⁽¹⁾ Structure used as external cable compartment. ⁽²⁾ Only for back-mounting plate H = 600mm

NOTES:

The internal separations are obtained in enclosures with L = 400/600mm and D = 600/800mm, with closed functional frames and the separable version installation kit. The internal separation forms greater than 2A are obtained from the combination of the enclosure in Form 2A with the elements of the greater forms until the required form is created (e.g. Form 4B = kit Form 2A + kit Form 3B + kit Form 4B). Form 2A device separation is achieved with the separated enclosures installation kit. The universal horizontal separations GW49561 and GW49562 can be used to create separations of Form 2A for 12 or 24 module kits, ordering 2 pieces for each structure and one piece for each circuit breaker cell with the plate not aligned with the adjacent cell. For enclosures with separation kits in Form 3B and 4B, order one piece for each structure (the Form 3 kits include a universal horizontal shelf). For internal separated enclosures of Forms 2-3-4, order moulded-cases circuit breakers with the relative rear connection terminals. For modular devices on DIN rail, the back-mounting plate for separated enclosures (from GW 49 819 to GW 49 827) is necessary, as well as the DIN rail for closed frames and the DIN panel.



Internal separation examples:
 - Form 2A with aligned plates (A)
 - Form 2A or 3A (only with 97 MTS), with non-aligned plates (B)
 - Front view of the functional unit cell (C)

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MODULAR FLOOR-MOUNTING DISTRIBUTION BOARDS UP TO 3200A

COMPATIBILITY BETWEEN MTX, MTS MOULDED-CASE CIRCUIT BREAKERS AND MSS SWITCH DISCONNECTORS WITH NON-SEPARATED CVX 1600 ENCLOSURES

		NON-SEPARATED ENCLOSURES								
		FIXED EXECUTION			PLUG-IN EXECUTION			WITHDRAWABLE EXECUTION		
		D = 400mm	D = 600mm	D = 800mm	D = 400mm	D = 600mm	D = 800mm	D = 400mm	D = 600mm	D = 800mm
LEVER CONTROL										
MTX/M 160c	front connections	•	•	•	-	-	-	-	-	-
	rear connections	•	•	•	-	-	-	-	-	-
MTX/M 160c + BD residual current device	front connections	•	•	•	-	-	-	-	-	-
	rear connections	•	•	•	-	-	-	-	-	-
MTX/E 160	front connections	•	•	•	•	•	•	-	-	-
	rear connections	•	•	•	•	•	•	-	-	-
MTX/E 160 + BD residual current device	front connections	•	•	•	-	-	-	-	-	-
	rear connections	-	-	-	-	-	-	-	-	-
MTX/M 250	front connections	•	•	•	•	•	•	-	-	-
	rear connections	-	•	•	•	•	•	-	-	-
MTX/M 250 + BD residual current device	front connections	•	•	•	-	-	-	-	-	-
	rear connections	-	-	-	-	-	-	-	-	-
MTX/E/M 320	front connections	•	•	•	•	•	•	•	•	•
	rear connections	-	•	•	-	•	•	-	•	•
MTX/E/M 320 + BD residual current device	front connections	•	•	•	-	-	-	-	-	-
	rear connections	-	•	•	-	-	-	-	-	-
MTXM 400 MTX/E/M 630	front connections	•	•	•	•	•	•	•	•	•
	rear connections	-	•	•	-	•	•	-	•	•
MTXM 400 MTX/E/M 630 + BD residual current device	front connections	•	•	•	-	-	-	-	-	-
	rear connections	-	•	•	-	-	-	-	-	-
MTXM 800 MTX/E/M 1000	front connections	•	•	•	-	-	-	-	•	•
	rear connections	-	•	•	-	-	-	-	•	•
MTSE 1600 MTSM 1600	front connections	-	•	•	-	-	-	-	-	•
	rear connections	-	•	•	-	-	-	-	-	•
DIRECT ROTARY HANDLE - MOTOR CONTROL										
MTX/M 160c	front connections	•	•	•	-	-	-	-	-	-
	rear connections	•	•	•	-	-	-	-	-	-
MTX/E 160	front connections	•	•	•	-	-	-	-	-	-
	rear connections	•	•	•	-	-	-	-	-	-
MTX/M 250	front connections	•	•	•	•	•	•	-	-	-
	rear connections	-	•	•	-	•	•	-	-	-
MTX/E/M 320	front connections	•	•	•	-	-	-	⊙	⊙	⊙
	rear connections	-	•	•	-	-	-	-	⊙	⊙
MTXM 400 MTX/E/M 630	front connections	•	•	•	-	-	-	⊙	⊙	⊙
	rear connections	-	•	•	-	-	-	-	⊙	⊙
MTXM 800 MTX/E/M 1000	front connections	•	•	•	-	-	-	-	⊙	⊙
	rear connections	-	•	•	-	-	-	-	⊙	⊙
MTSE 1600 MTSM 1600	front connections	-	•	•	-	-	-	-	-	⚠
	rear connections	-	•	•	-	-	-	-	-	⚠
MSS 250 MSS 630	front connections	•	•	•	-	-	-	-	-	-
	rear connections	-	-	-	-	-	-	-	-	-
INTERLOCKED - MOTORISED INTERLOCKED										
MTX/M 160c	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	-	-	-	-	-	-	-	-
MTX/E 160	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	-	-	-	-	-	-	-	-
MTX/M 250	front connections	•	•	•	-	-	-	-	-	-
	rear connections	-	•	•	-	-	-	-	-	-
MTX/E/M 320	front connections	-	•	•	-	•	•	-	•	•
	rear connections	-	•	•	-	•	•	-	•	•
MTXM 400 MTX/E/M 630	front connections	-	•	•	-	•	•	-	•	•
	rear connections	-	•	•	-	•	•	-	•	•
MTXM 800 MTX/E/M 1000	front connections	-	•	•	-	-	-	-	•	•
	rear connections	-	•	•	-	-	-	-	-	•
MTSE 1600 MTSM 1600	front connections	-	•	•	-	-	-	-	-	⊠
	rear connections	-	•	•	-	-	-	-	-	⊠

SYMBOL LEGEND	•	Recommended solutions	⚠	Use only the protruding glass door with motor control versions
	⊙	Use only the protruding glass door with direct rotating handle versions	⊠	Use only the protruding glass door with motor control interlocked versions

47 CVX 1600 RANGE

COMPATIBILITY BETWEEN MTX, MTS MOULDED-CASE CIRCUIT BREAKERS AND MSS SWITCH DISCONNECTORS WITH SEPARATED CVX 1600 ENCLOSURES

		SEPARATED ENCLOSURES								
		FIXED EXECUTION			PLUG-IN EXECUTION			EXTRACTABLE EXECUTION		
		D= 400mm ⁽¹⁾	D= 600mm	D= 800mm	D= 400mm ⁽¹⁾	D= 600mm	D= 800mm	D= 400mm ⁽¹⁾	D= 600mm	D= 800mm
LEVER CONTROL										
MTX/M 160c	front connections	-	-	-	-	-	-	-	-	-
	rear connections	•	•	•	-	-	-	-	-	-
MTX/M 160c + BD residual current device	front connections	-	-	-	-	-	-	-	-	-
	rear connections	•	•	•	-	-	-	-	-	-
MTX/E 160	front connections	-	-	-	-	-	-	-	-	-
	rear connections	•	•	•	-	•	•	-	-	-
MTX/M 250	front connections	-	-	-	-	-	-	-	-	-
	rear connections	•	•	•	-	•	•	-	-	-
MTX/E/M 320	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	•	•	-	•	•	-	•	•
MTXM 400 MTX/E/M 630	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	•	•	-	•	•	-	•	•
MTXM 800 MTX/E/M 1000	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	•	•	-	-	-	-	•	•
MTSE 1600 MTSM 1600	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	•	•	-	-	-	-	-	•
DIRECT ROTARY HANDLE - MOTOR CONTROL										
MTX/M 160c	front connections	-	-	-	-	-	-	-	-	-
	rear connections	•	•	•	-	-	-	-	-	-
MTX/E 160	front connections	-	-	-	-	-	-	-	-	-
	rear connections	•	•	•	-	-	-	-	-	-
MTX/M 250	front connections	-	-	-	-	-	-	-	-	-
	rear connections	•	•	•	-	△	△	-	-	-
MTX/E/M 320	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	•	•	-	△	△	-	⊙ △	⊙ △
MTXM 400 MTX/E/M 630	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	•	•	-	△	△	-	⊙ △	⊙ △
MTXM 800 MTX/E/M 1000	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	•	•	-	-	-	-	⊙ △	⊙ △
MTSE 1600 MTSM 1600	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	-	•	-	-	-	-	-	□
MSS 250 MSS 630	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	-	-	-	-	-	-	-	-
INTERLOCKED - MOTORISED INTERLOCKED										
MTX/M 160c	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	-	-	-	-	-	-	-	-
MTX/E 160	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	-	-	-	-	-	-	-	-
MTX/M 250	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	•	•	-	-	-	-	-	-
MTX/E/M 320	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	•	•	-	□	□	-	□	□
MTXM 400 MTX/E/M 630	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	•	•	-	□	□	-	□	□
MTXM 800 MTX/E/M 1000	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	•	•	-	-	-	-	•	•
MTSE 1600 MTSM 1600	front connections	-	-	-	-	-	-	-	-	-
	rear connections	-	-	•	-	-	-	-	-	□

⁽¹⁾ Only form 2

47 CVX 1600 RANGE

MODULAR FLOOR-MOUNTING DISTRIBUTION BOARDS UP TO 3200A

CVX 1600	
Regulation: EN 60439-1, EN 61439-1 and EN 61439-2	Degree of protection: IP 31/IP1 without door
Rated current (In): up to 3200 A	IP 41 with transparent/solid door and finned side panels
Rated operational voltage (U _o): up to 690V ac	IP 65 with transparent/solid door
Rated insulation voltage (U _i): up to 1000V ac	Operating temperature: -5°C - 40°C
Rated impulse withstand voltage (U _i imp): 8 kV 1.2/50 µs	Storage temperature: -25°C - 55°C
Rated conditioned short-circuit current (I _{cc}): 100 kA	Sheet steel casing: 15/10mm thick
Rated peak withstand current (I _{pk}): 254 kA	Sheet steel panel: 12-15/10mm thick
Rated short-time withstand current (I _{sw}): 100 kA	Sheet steel door: 15/10mm thick
Short-circuiting seal of the protection circuit (phase-earth bar): 60 kA (1 s)	Back-mounting plates and functional frame in steel sheet: 20-25/10mm thick
Protection against indirect contact: metal casing prearranged for earth connection	Sheet steel painted with Grey RAL 7035 epoxy-polyester powder

STRUCTURAL ELEMENTS

BASE STRUCTURE

GW49001



BASE COMPLETE WITH INSPECTABLE BASE MOUNT AND PRE-ASSEMBLED HEAD

Code	Functional dim. B (mm)	Depth D (mm)	Pack. Carton.
MODULES: 12			
GW 49 001	400	400	1
GW 49 002	400	600	1
GW 49 003	400	800	1
MODULES: 24			
GW 49 004	600	400	1
GW 49 005	600	600	1
GW 49 006	600	800	1
MODULES: 36			
GW 49 007	850	400	1
GW 49 008	850	600	1
GW 49 009	850	800	1

ACCESSORIES SUPPLIED: cable gland plates with IP65 sealing gasket and fixing accessories.

CHARACTERISTICS: head cover colour Grey RAL 7035; base with lower cable entry; skirting H= 100 mm painted in colour Blue RAL 5003 can be inspected on all 4 sides thanks to the removable panels.

GW49011



VERTICAL UPRIGHTS WITH PRE-ASSEMBLED HINGES IN GALVANIZED MATERIAL

Code	Description	Functional Height (mm)	Pack. Carton.
GW 49 011	N. 4 uprights	1800	1
GW 49 012	N. 4 uprights	2000	1

ACCESSORIES SUPPLIED: base and head element fixing screws.

FUNCTIONAL FRAMES

GW49021



PAIR OF FUNCTIONAL FRAMES FOR NON-SEPARATED DISTRIBUTION BOARDS (OPEN FRAME)

Code	Functional Height (mm)	Pack. Carton.
GW 49 021	1800	1
GW 49 022	2000	1

CHARACTERISTICS: holes every 25 mm for mounting panelling and device installation kits.

GW49023



PAIR OF FUNCTIONAL FRAMES FOR SEPARATED DISTRIBUTION BOARDS (CLOSED FRAME)

Code	Functional Height (mm)	Pack. Carton.
GW 49 023	1800	1
GW 49 024	2000	1

CHARACTERISTICS: holes every 25 mm for mounting panelling and device installation kits.

SIDE AND BACK PANELS

GW49041



PAIR OF LATERAL SOLID PANELS IN PAINTED SHEET STEEL

Code	For structures HxD (mm)	Pack. Carton.
GW 49 041	1800x400	1
GW 49 042	1800x600	1
GW 49 043	1800x800	1
GW 49 044	2000x400	1
GW 49 045	2000x600	1
GW 49 046	2000x800	1

ACCESSORIES SUPPLIED: structure fixing screws.

CHARACTERISTICS: painted sheet metal panels colour Grey RAL 7035; sealing gaskets IP65 applied to the panel; prearranged for earthing.

NOTE: suitable for making distribution boards with IP31/IP41 (without door) and IP65 (with door) protection ratings.

①=May 2010

②=June 2010

③=September 2010

GW49031



PAIR OF AERATION PANELS IN PAINTED SHEET STEEL

Code	For structures HxD (mm)	Pack. Carton.
GW 49 031	1800x600	1
GW 49 032	1800x800	1
GW 49 033	2000x600	1
GW 49 034	2000x800	1

ACCESSORIES SUPPLIED: structure fixing screws.

CHARACTERISTICS: painted sheet metal panels colour Grey RAL 7035; sealing gaskets IP65 applied to the panel; prearranged for earthing.

NOTE: screening for natural or forced aeration with IP41 protection rating.

GW49091



BACK SOLID PANELS IN PAINTED SHEET STEEL

Code	For structures LxH (mm)	Pack. Carton.
GW 49 091	400x1800	1
GW 49 092	600x1800	1
GW 49 093	850x1800	1
GW 49 094	400x2000	1
GW 49 095	600x2000	1
GW 49 096	850x2000	1

ACCESSORIES SUPPLIED: structure fixing screws.

CHARACTERISTICS: painted sheet metal panels colour Grey RAL 7035; sealing gaskets IP65 applied to the panel; prearranged for earthing.

NOTE: suitable for making enclosures with IP31/IP41 (without door) and IP65 (with door) protection ratings.

FRONT DOORS AND PROFILES

GW49061



SMOKED CURVED TEMPERED SAFETY GLASS FRONT AND BACK DOORS IP65 EQUIPPED WITH HANDLE AND ROD-MECHANISM LOCK

Code	For structures LxH (mm)	Pack. Carton.
GW 49 061	400x1800	1
GW 49 062	400x2000	1
GW 49 063	600x1800	1
GW 49 064	600x2000	1
GW 49 065	850x1800	1
GW 49 066	850x2000	1

ACCESSORIES SUPPLIED: mounting pins; key in Zn+Al+Mg alloy.

CHARACTERISTICS: use as front or rear door; option of mounting the door with reversible opening (right/left);

IP65 sealing gaskets applied on the door; possibility of replacing the handle insert with security lock;

sheets painted with polyester epoxy powder Grey RAL 7035.

GW49071



FRONT OR REAR PROTRUDING GLASS IP65 DOORS EQUIPPED WITH HANDLE AND ROD-MECHANISM LOCK

Code	For structures LxH (mm)	Pack. Carton.
GW 49 071	600x1800	1
GW 49 072	600x2000	1
GW 49 073	850x1800	1
GW 49 074	850x2000	1

ACCESSORIES SUPPLIED: assembly pins; key in zama alloy.

CHARACTERISTICS: door for assembly of MTX moulded-case switches with direct rotary handle, motor control and interlocked

in extractable/plug-in assembly; used as front or rear door; possible to assemble the door with reversible opening (right/left);

IP65 sealing gaskets applied to the door; possibility to replace the handle insert with a security lock;

sheet metal painted with epoxy-polyester powders, Grey RAL 7035.

GW49081



SOLID PAINTED SHEET STEEL DOORS IP65 EQUIPPED WITH HANDLE AND ROD-MECHANISM LOCK

Code	For structures LxH (mm)	Pack. Carton.
GW 49 081	400x1800	1
GW 49 082	400x2000	1
GW 49 083	600x1800	1
GW 49 084	600x2000	1
GW 49 085	850x1800	1
GW 49 086	850x2000	1

ACCESSORIES SUPPLIED: mounting pins; key in Zn+Al+Mg alloy.

CHARACTERISTICS: use as front or rear door; option of mounting the door with reversible opening (right/left);

IP65 sealing gaskets applied on the door; possibility of replacing the handle insert with security lock;

sheets painted with polyester epoxy powder Grey RAL 7035.

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RANGE

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MODULAR FLOOR-MOUNTING DISTRIBUTION BOARDS UP TO 3200A

GW49051



PAIR OF SOLID LATERAL DOORS - IP65

Code	For structures HxD (mm)	Pack. Carton.
GW 49 051	1800x400	1
GW 49 052	2000x400	1
GW 49 053	1800x600	1
GW 49 054	2000x600	1
GW 49 055	1800x800	1
GW 49 056	2000x800	1

ACCESSORIES SUPPLIED: mounting pins; key in Zn+Al+Mg alloy.

CHARACTERISTICS: use as front or rear door; option of mounting the door with reversible opening (right/left); IP65 sealing gaskets applied on the door; possibility of replacing the handle insert with security lock; sheets painted with polyester epoxy powder Grey RAL 7035.



FRONT FINISHING PROFILES IN INSULATING MATERIAL FOR DISTRIBUTION BOARDS WITHOUT DOOR IP31/IP41

Code	Type	For structures (mm)	Quantity	Pack. Carton.
PROFILE: HORIZONTAL				
GW 49 101	Single	L=300	2 pieces	1
GW 49 102	Single	L=400	2 pieces	1
GW 49 103	Single	L=600	2 pieces	1
GW 49 104	Single	L=850	2 pieces	1
PROFILE: VERTICAL				
GW 49 105	Single	H=1800	2 pieces	1
GW 49 106	Double	H=1800	1 piece	1
GW 49 107	Single	H=2000	2 pieces	1
GW 49 108	Double	H=2000	1 piece	1

NOTE: for side structures choose the vertical profile for application on junction uprights.

GW49212



HORIZONTAL METAL PROFILES FOR IP41 DISTRIBUTION BOARDS WITHOUT DOORS

Code	For structures L (mm)	Quantity	Pack. Carton.
GW 49 211	400	4 pieces	1
GW 49 212	600	4 pieces	1
GW 49 213	850	4 pieces	1

NOTES: the metal profiles are fixed between each front panel and the one that follows.

INTERNAL CABLE COMPARTMENT

GW49112



INTERNAL CABLE COMPARTMENT FOR NON-SEPARATED DISTRIBUTION BOARDS (OPEN FRAME) COMPLETE WITH HINGED COVER

Code	For structures LxH (mm)	Pack. Carton.
GW 49 112	850x1800	1
GW 49 114	850x2000	1

ACCESSORIES SUPPLIED: structure fixing accessories; double-finned key; pair of functional frames.

CHARACTERISTICS: option of mounting on right or left side of the box (B=850 mm); option of right or left opening of the hinged cover panel; painted sheet metal panel colour Grey RAL 7035 complete with 2 locks.

GW49111



INTERNAL CABLE COMPARTMENT KIT FOR SEPARATED DISTRIBUTION BOARDS (CLOSED FRAME) COMPLETE WITH HINGED COVER AND REAR UPRIGHT

Code	For structures LxH (mm)	Pack. Carton.
GW 49 111	850x1800	1
GW 49 113	850x2000	1

ACCESSORIES SUPPLIED: structure fixing accessories; double-finned key; pair of functional frames and rear upright.

CHARACTERISTICS: option of mounting on right or left side of the box (B=850 mm); option of right or left opening of the hinged cover panel; painted sheet metal panel colour Grey RAL 7035 complete with 2 locks.

GW49025



REAR UPRIGHTS FOR INTERNAL COMPARTMENT FOR NON-SEPARATED DISTRIBUTION BOARDS (OPEN FRAME)

Code	For structures (mm)	Pack. Carton.
GW 49 025	H=1800	1
GW 49 026	H=2000	1

CHARACTERISTICS: holes every 25 mm for mounting panelling and device installation kits. Suitable for fastening on the back of crosspieces, accessories, bars, etc.

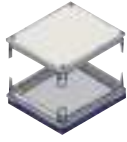
①=May 2010

②=June 2010

③=September 2010

EXTERNAL CABLE COMPARTMENT

GW49115



BASE COMPLETE WITH INSPECTABLE BASE MOUNT AND PRE-ASSEMBLED HEAD FOR EXTERNAL COMPARTMENT

Code	Functional dim. B (mm)	Depth D (mm)	Pack. Carton.
GW 49 115	300	400	1
GW 49 116	300	600	1
GW 49 117	300	800	1

ACCESSORIES SUPPLIED: cable gland plates and fixing accessories; mounting accessories.

CHARACTERISTICS: lower cable entry; cable gland plate with IP65 sealing gaskets; skirting H=100 mm painted in colour Blue RAL 5003 that can be inspected; sheets painted with polyester epoxy powder Grey RAL 7035.

NOTES: to make the external cable compartment, use the vertical uprights GW49011 (H=1800 mm) or GW49012 (H=2000 mm).
The external compartment can be put together with the structure by using the special kit GW49163.

GW49121



INTERNAL/EXTERNAL SOLID DOORS AND REAR PANEL IN PAINTED SHEET STEEL

Code	For structures LxH (mm)	Pack. Carton.
DESCRIPTION: INTERNAL DOOR IP31/IP41		
GW 49 121	300x1800	1
GW 49 122	300x2000	1
DESCRIPTION: EXTERNAL DOOR IP65		
GW 49 123	300x1800	1
GW 49 124	300x2000	1
DESCRIPTION: REAR PANEL IP65		
GW 49 097	300x1800	1
GW 49 098	300x2000	1

ACCESSORIES SUPPLIED: mounting accessories.

CHARACTERISTICS: possibility of mounting door with reversible opening (right/left); IP65 sealing gaskets applied on the door/panel.

NOTES: the doorless version is completed with the finish profiles. The external doors can also be used as second doors in the version with external door.

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MODULAR FLOOR-MOUNTING DISTRIBUTION BOARDS UP TO 3200A

FRONT CONFIGURATION

INSTALLATION KIT FOR DEVICES ON DIN RAIL

GW49501



FRONT PANELS IN PAINTED SHEET STEEL WITH DIN PERFORATION

Code	No. DIN rows	Dimensions LxH (mm)	Pack. Carton.
MODULES: 12			
GW 49 501	1	400x200	1
MODULES: 24			
GW 49 502	1	600x200	1
GW 49 504	2	600x300	1
GW 49 146	1	600x300	1
MODULES: 36			
GW 49 506	1	850x200	1
GW 49 508	2	850x300	1
GW 49 147	1	850x300	1

ACCESSORIES SUPPLIED: assembly accessories.

CHARACTERISTICS: front panel in painted sheet metal, Grey RAL 7035; panel contact earth connection; captive panel fixing screws. Rotation hinges included (welded to the panel).

NOTES: GW49504/8 for modular devices of the 90 range only.

GW49501/2/6 suitable for modular devices of the 90 and MTX/M 160c, MTX/M 160c ranges with lowered "L" add-on residual current device, MTX/E 160, MTX/M 250.

GW49146/7 specific version for MTX/M 160c, MTX/E 160, MTX/M 250 with "L" add-on residual current device.

GW49221



RAIL KIT EN 50022 (DIN 35) FOR MODULAR DEVICES (90 RANGE) AND MOULDED-CASE DEVICES UP TO 250A (MTX/M 160C - MTX/E 160 - MTX/M 250 RANGE)

Code	Description	Type	For structures	Pack. Carton.
MODULES: 12				
GW 49 221	1 DIN rail	Twin - Aluminium	open frame	1
GW 49 222	1 DIN rail	Twin - Aluminium	closed frame	1
MODULES: 24				
GW 49 223	1 DIN rail	Twin - Aluminium	open frame	1/6
GW 49 224	1 DIN rail	Twin - Aluminium	closed frame	1/6
GW 49 225	2 DIN rails (int. 150 mm)	Twin - Aluminium	open frame	1/6
GW 49 148	1 DIN rail	Stiffened for MTX 160/c-250	open frame	1
MODULES: 36				
GW 49 227	1 DIN rail	Twin - Aluminium	open frame	1/6
GW 49 230	1 DIN rail	Twin - Aluminium	closed frame	1/6
GW 49 228	2 DIN rails (int. 150 mm)	Twin - Aluminium	open frame	1/6
GW 49 149	1 DIN rail	Stiffened for MTX 160/c-250	open frame	1

ACCESSORIES SUPPLIED: EN 50022 (DIN 35) dual aluminium rail with depth adjustment.

NOTES: for the assembly of the MTX moulded-case devices with or without residual current device, order the special kit for fixing to the DIN rail.

The coupling of modular and moulded-case devices requires the GW49209 depth adapter.

INSTALLATION KIT FOR MTX AND MTS MOULDED-CASE DEVICES IN NON-SEGREGATED CABINETS



INSTALLATION KIT FOR MCCB UP TO 630A - WITH FRONT OR REAR COUPLINGS - IN NON-SEGREGATED CABINETS B = 400MM - COMPLETE WITH PERFORATED FRONT PANEL, SUPPORTS AND FIXING PLATES

Code	Execution	Control	No. of poles	Dimensions LxH (mm)	Installation	Pack. Carton.
SUITABLE FOR: MTX/M 160c						
GW 49 183	Fixed	Lever	3P - 4P	400x200	Horizontal	1
GW 49 186	Fixed + add-on RCD	Lever	4P	400x200	Horizontal	1
SUITABLE FOR: MTX/E 160						
GW 49 184	Fixed	Lever	3P - 4P	400x200	Horizontal	1
GW 49 187	Fixed + add-on RCD	Lever	4P	400x200	Horizontal	1
GW 49 185	Plug-in	Lever	3P - 4P	400x200	Horizontal	1
SUITABLE FOR: MTX/M 250						
GW 49 188	Fixed	Lever	3P - 4P	400x200	Horizontal	1
GW 49 192	Fixed + add-on RCD	Lever	4P	400x300	Horizontal	1
GW 49 190	Plug-in	Lever	3P - 4P	400x200	Horizontal	1
GW 49 189	Fixed	Lever	3P - 4P	400x300	Vertical	1
GW 49 191	Plug-in	Lever	3P - 4P	400x400	Vertical	1
SUITABLE FOR: MTX/E/M 320						
GW 49 193	Fixed	Lever	3P - 4P	400x200	Horizontal	1
GW 49 194	Fixed	Lever	3P - 4P	400x400	Vertical	1
SUITABLE FOR: MTXM 400-MTX/E/M 630						
GW 49 195	Fixed	Lever	3P - 4P	400x300	Horizontal	1
GW 49 196	Fixed	Lever	3P - 4P	400x400	Vertical	1
GW 49 197	Fixed + add-on RCD	Lever	4P	400x500	Vertical	1

CHARACTERISTICS: front panel in painted sheet metal, Grey RAL 7035, perforated for fixing the circuit breaker cover; panel contact earth connection; pre-arrangement of the panels for rotation hinges (included); pre-arrangement of the panel perforations for the assembly of the covers of the moulded-case devices; elastic rings to avoid losing the fixing screws; simple fixing of devices, thanks to the threaded bushings on the assembly plate.

NOTE: GW49187/92 only front terminal.



INSTALLATION KIT FOR MCCB UP TO 1600A - WITH FRONT OR REAR COUPLINGS - IN NON-SEGREGATED CABINETS B = 600MM - COMPLETE WITH PERFORATED FRONT PANEL, SUPPORTS AND FIXING PLATES

Code	Execution	Control	No. of poles	Dimensions LxH (mm)	Installation	Pack. Carton.
SUITABLE FOR: MTX/M 160c						
GW 49 861	Fixed	Lever/Motor	3P - 4P	600x200	Horizontal	1
GW 49 863	Fixed + add-on RCD	Lever	4P	600x200	Horizontal	1
GW 49 866	Fixed	Straight rotary	3P - 4P	600x200	Horizontal	1
SUITABLE FOR: MTX/E 160						
GW 49 862	Fixed	Lever/Motor	3P - 4P	600x200	Horizontal	1
GW 49 867	Fixed	Straight rotary	3P - 4P	600x200	Horizontal	1
GW 49 864	Fixed + add-on RCD	Lever	4P	600x200	Horizontal	1
GW 49 865	Plug-in	Lever	3P - 4P	600x200	Horizontal	1
SUITABLE FOR: MTX/M 250						
GW 49 868	Fixed	Lever/Motor	3P - 4P	600x200	Horizontal	1
GW 49 869	Fixed	Straight rotary	3P - 4P	600x200	Horizontal	1
GW 49 870	Fixed + add-on RCD	Lever	4P	600x300	Horizontal	1
GW 49 875	Fixed interlocked	Lever/Motor	3P - 4P	600x500	Horizontal	1
GW 49 872	Plug-in	Lever/Motor	3P - 4P	600x200	Horizontal	1
GW 49 871	Plug-in	Straight rotary	3P - 4P	600x200	Horizontal	1
GW 49 873	Fixed	Lever	3P - 4P	600x300	Vertical	1
GW 49 874	Plug-in	Lever	3P - 4P	600x400	Vertical	1
SUITABLE FOR: MTX/E/M 320						
GW 49 876	Fixed	Lever/Straight rotary/Motor	3P - 4P	600x200	Horizontal	1
GW 49 880	Fixed + add-on RCD	Lever	4P	600x200	Horizontal	1
GW 49 878	Plug-in	Lever	3P - 4P	600x200	Horizontal	1
GW 49 884	Fixed/plug-in interlocked	Lever/Motor	3P - 4P	600x600	Horizontal	1
GW 49 882	Withdrawable	Lever/Straight rotary	3P - 4P	600x300	Horizontal	1
GW 49 886	Withdrawable	Motor	3P - 4P	600x300	Horizontal	1
GW 49 885	Withdrawable interlocked	Lever/Motor	3P - 4P	600x600	Horizontal	1
GW 49 877	Fixed	Lever/Straight rotary/Motor	3P - 4P	600x400	Vertical	1
GW 49 883	Withdrawable	Lever/Straight rotary	3P - 4P	600x400	Vertical	1
GW 49 887	Withdrawable	Motor	3P - 4P	600x400	Vertical	1
GW 49 881	Fixed + add-on RCD	Lever	4P	600x500	Vertical	1
GW 49 879	Plug-in	Lever	3P - 4P	600x400	Vertical	1

(CONTINUA)
INSTALLATION KIT FOR MCCB UP TO 1600A - WITH FRONT OR REAR COUPLINGS - IN NON-SEPARATED CABINETS
B = 600MM - COMPLETE WITH PERFORATED FRONT PANEL, SUPPORTS AND FIXING PLATES

Code	Execution	Control	No. of poles	Dimensions LxH (mm)	Installation	Pack. Carton.
SUITABLE FOR: MTXM 400-MTX/E 630 (400A)						
GW 49 889	Plug-in	Lever	3P - 4P	600x300	Horizontal	1
GW 49 891	Withdrawable	Lever/Straight rotary	3P - 4P	600x300	Horizontal	1
GW 49 893	Withdrawable	Motor	3P - 4P	600x300	Horizontal	1
GW 49 896	Plug-in	Lever	3P - 4P	600x400	Vertical	1
GW 49 898	Withdrawable	Lever/Straight rotary	3P - 4P	600x400	Vertical	1
GW 49 900	Withdrawable	Motor	3P - 4P	600x400	Vertical	1
SUITABLE FOR: MTX/E/M 630 (500/630A)						
GW 49 890	Plug-in	Lever	3P - 4P	600x300	Horizontal	1
GW 49 892	Withdrawable	Lever/Straight rotary	3P - 4P	600x300	Horizontal	1
GW 49 894	Withdrawable	Motor	3P - 4P	600x300	Horizontal	1
GW 49 897	Plug-in	Lever	3P - 4P	600x500	Vertical	1
GW 49 899	Withdrawable	Lever/Straight rotary	3P - 4P	600x500	Vertical	1
GW 49 901	Withdrawable	Motor	3P - 4P	600x500	Vertical	1
SUITABLE FOR: MTXM 400-MTX/E/M 630						
GW 49 888	Fixed	Lever/Straight rotary/Motor	3P - 4P	600x300	Horizontal	1
GW 49 902	Fixed + add-on RCD	Lever	4P	600x300	Horizontal	1
GW 49 904	Fixed/plug-in interlocked	Lever/Motor	3P - 4P	600x600	Horizontal	1
GW 49 905	Withdrawable interlocked	Lever/Motor	3P - 4P	600x600	Horizontal	1
GW 49 895	Fixed	Lever/Straight rotary/Motor	3P - 4P	600x400	Vertical	1
GW 49 903	Fixed + add-on RCD	Lever	4P	600x500	Vertical	1
SUITABLE FOR: MTX/E/M 1000						
GW 49 906	Fixed	Lever	3P - 4P	600x500	Horizontal	1
GW 49 908	Fixed	Straight rotary	3P - 4P	600x500	Horizontal	1
GW 49 909	Fixed	Motor	3P - 4P	600x500	Horizontal	1
GW 49 911	Fixed interlocked	Lever	3P - 4P	600x800	Horizontal	1
GW 49 912	Fixed interlocked	Motor	3P - 4P	600x800	Horizontal	1
GW 49 907	Withdrawable	Lever/Straight rotary	3P - 4P	600x500	Horizontal	1
GW 49 910	Withdrawable	Motor	3P - 4P	600x500	Horizontal	1
GW 49 913	Withdrawable interlocked	Lever	3P - 4P	600x800	Horizontal	1
GW 49 914	Withdrawable interlocked	Motor	3P - 4P	600x800	Horizontal	1
GW 49 915	Fixed	Lever	3P - 4P	600x500	Vertical	1
GW 49 917	Fixed	Straight rotary	3P - 4P	600x500	Vertical	1
GW 49 918	Fixed	Motor	3P - 4P	600x500	Vertical	1
GW 49 916	Withdrawable	Lever/Straight rotary	3P - 4P	600x500	Vertical	1
GW 49 919	Withdrawable	Motor	3P - 4P	600x500	Vertical	1
SUITABLE FOR: MTSE/M 1600						
GW 49 311	Fixed	Lever	3P - 4P	600x600	Horizontal	1
GW 49 312	Fixed	Straight rotary	3P - 4P	600x600	Horizontal	1
GW 49 313	Fixed	Motor	3P - 4P	600x600	Horizontal	1
GW 49 314	Fixed interlocked	Lever	4P	600x800	Horizontal	1
GW 49 315	Fixed/Withdrawable interlocked	Motor	4P	600x800	Horizontal	1
GW 49 316	Withdrawable interlocked	Lever	4P	600x800	Horizontal	1
GW 49 317	Fixed	Lever	3P - 4P	600x700	Vertical	1
GW 49 318	Withdrawable	Lever/Straight rotary	3P - 4P	600x700	Vertical	1
GW 49 319	Fixed	Straight rotary	3P - 4P	600x700	Vertical	1
GW 49 320	Fixed	Motor	3P - 4P	600x700	Vertical	1
GW 49 322	Withdrawable	Motor	3P - 4P	600x700	Vertical	1

CHARACTERISTICS: front panel in painted sheet metal, Grey RAL 7035, perforated for fixing the circuit breaker cover; panel contact earth connection; pre-arrangement of the panels for rotation hinges (included); pre-arrangement of the panel perforations for the assembly of the covers of the moulded-case devices; elastic rings to avoid losing the fixing screws; simple fixing of devices, thanks to the threaded bushings on the assembly plate.

NOTES: interlock plate to be purchased separately.

GW49864/70 only front terminal

GW49911/2 only rear terminal



INSTALLATION KIT FOR MCCB UP TO 1600A - WITH FRONT OR REAR COUPLINGS - IN NON-SEPARATED CABINETS B = 850MM - COMPLETE WITH PERFORATED FRONT PANEL, SUPPORTS AND FIXING PLATES

Code	Execution	Control	No. of poles	Dimensions LxH (mm)	Installation	Pack. Carton.
SUITABLE FOR: MTX/M 160c						
GW 49 926	Fixed + add-on RCD	Lever	4P	850x200	Horizontal	1
SUITABLE FOR: MTX/E 160						
GW 49 927	Fixed + add-on RCD	Lever	4P	850x200	Horizontal	1
SUITABLE FOR: MTX/M 250						
GW 49 928	Fixed	Lever	3P - 4P	850x200	Horizontal	1
GW 49 929	Fixed + add-on RCD	Lever	4P	850x300	Horizontal	1
GW 49 930	Fixed	Lever	3P - 4P	850x300	Vertical	1
SUITABLE FOR: MTXM 400-MTX/E/M 630						
GW 49 931	Fixed	Lever	3P - 4P	850x300	Horizontal	1
GW 49 932	Fixed	Lever	3P - 4P	850x400	Vertical	1
GW 49 933	Fixed + add-on RCD	Lever	4P	850x300	Horizontal	1
GW 49 934	Fixed + add-on RCD	Lever	4P	850x500	Vertical	1
SUITABLE FOR: MTX/E/M 1000						
GW 49 935	Fixed	Lever	3P - 4P	850x500	Vertical	1
SUITABLE FOR: MTSE/M 1600						
GW 49 340	Fixed	Lever	3P - 4P	850x700	Vertical	1

CHARACTERISTICS: front panel in painted sheet metal, Grey RAL 7035, perforated for fixing the circuit breaker cover; panel contact earth connection; pre-arrangement of the panels for rotation hinges (included); pre-arrangement of the panel perforations for the assembly of the covers of the moulded-case devices; elastic rings to avoid losing the fixing screws; simple fixing of devices, thanks to the threaded bushings on the assembly plate. **NOTE:** GW49927/9 only front terminal.

INSTALLATION KIT FOR MSS IN NON SEPARATE DISTRIBUTION BOARDS

GW49491



INSTALLATION KIT FOR A SWITCH DISCONNECTOR UP TO 630 A IN FIXED EXECUTION WITH FRONT TERMINALE IN NON SEPARATED CABINETS - COMPLETE WITH PERFORATED FRONT PANEL, SUPPORTS AND FIXING PLATES

Code	Dimensions LxH (mm)	Suitable for	No. of poles	Installation	Pack. Carton.
MODULES: 24					
GW 49 491	600x300	MSS 250	3P - 4P	Horizontal/Vertical	1
GW 49 492	600x400	MSS 630	3P - 4P	Horizontal	1
GW 49 493	600x500	MSS 630	3P - 4P	Vertical	1
MODULES: 36					
GW 49 494	850x300	MSS 250	3P - 4P	Horizontal/Vertical	1
GW 49 495	850x400	MSS 630	3P - 4P	Horizontal	1
GW 49 496	850x500	MSS 630	3P - 4P	Vertical	1

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035 perforated for fixing circuit breaker cover; panel earthing for contact; prearrangement of the panels for rotation hinges (included); panel perforations provided for mounting the moulded case devices; elastic rings to avoid losing screws; devices are simple to secure thanks to the threaded bushings on the mounting plate.

47 CVX 1600 RANGE

MODULAR FLOOR-MOUNTING DISTRIBUTION BOARDS UP TO 3200A

INSTALLATION KIT FOR MTX AND MTS MOULDED-CASE DEVICES IN SEPARATED CABINETS



INSTALLATION KIT FOR MCCB UP TO 630A - WITH REAR TERMINALS - IN SEPARATED CABINETS B = 400MM - COMPLETE WITH PERFORATED FRONT PANEL, SUPPORTS AND FIXING PLATES

Code	Execution	Control	No. of poles	Dimensions LxH (mm)	Installation	Pack. Carton.
SUITABLE FOR: MTX/M 160c						
GW 49 584	Fixed	Lever	3P - 4P	400x200	Horizontal	1
SUITABLE FOR: MTX/E 160						
GW 49 585	Fixed	Lever	3P - 4P	400x200	Horizontal	1
GW 49 586	Plug-in	Lever	3P - 4P	400x200	Horizontal	1
SUITABLE FOR: MTX/M 250						
GW 49 587	Fixed	Lever	3P - 4P	400x200	Horizontal	1
GW 49 588	Plug-in	Lever	3P - 4P	400x200	Horizontal	1
SUITABLE FOR: MTX/E/M 320						
GW 49 589	Fixed	Lever	3P - 4P	400x200	Horizontal	1
GW 49 590	Fixed	Lever	3P - 4P	400x400	Vertical	1
SUITABLE FOR: MTXM 400-MTX/E/M 630						
GW 49 592	Fixed	Lever	3P - 4P	400x300	Horizontal	1
GW 49 593	Fixed	Lever	3P - 4P	400x400	Vertical	1
SUITABLE FOR: MTX/E/M 630 (500/630A)						
GW 49 594	Plug-in	Lever	3P - 4P	400x400	Vertical	1
GW 49 595	Withdrawable	Lever	3P - 4P	400x400	Vertical	1



INSTALLATION KIT FOR MCCB SWITCH TO 1600A WITH REAR TERMINALS IN SEPARATED CABINETS B = 600MM - COMPLETE WITH PERFORATED FRONT PANEL, SUPPORTS AND FIXING PLATES

Code	Execution	Control	No. of poles	Dimensions LxH (mm)	Installation	Pack. Carton.
SUITABLE FOR: MTX/M 160c						
GW 49 941	Fixed	Lever/Motor	3P - 4P	600x200	Horizontal	1
GW 49 943	Fixed + add-on RCD	Lever	4P	600x200	Horizontal	1
SUITABLE FOR: MTX/E 160						
GW 49 942	Fixed	Lever/Motor	3P - 4P	600x200	Horizontal	1
GW 49 945	Fixed	Straight rotary	3P - 4P	600x200	Horizontal	1
GW 49 944	Plug-in	Lever	3P - 4P	600x200	Horizontal	1
SUITABLE FOR: MTX/M 250						
GW 49 946	Fixed	Lever/Motor	3P - 4P	600x200	Horizontal	1
GW 49 947	Fixed	Straight rotary	3P - 4P	600x200	Horizontal	1
GW 49 950	Fixed interlocked	Lever/Motor	3P - 4P	600x600	Horizontal	1
GW 49 948	Plug-in	Lever	3P - 4P	600x200	Horizontal	1
GW 49 949	Plug-in	Straight rotary	3P - 4P	600x200	Horizontal	1
SUITABLE FOR: MTX/E/M 320						
GW 49 951	Fixed	Lever/Straight rotary	3P - 4P	600x200	Horizontal	1
GW 49 954	Fixed	Motor	3P - 4P	600x200	Horizontal	1
GW 49 958	Fixed/plug-in interlocked	Lever / Motor (fixed only)	3P - 4P	600x600	Horizontal	1
GW 49 952	Plug-in	Lever/Straight rotary	3P - 4P	600x200	Horizontal	1
GW 49 959	Plug-in interlocked	Motor	3P - 4P	600x600	Horizontal	1
GW 49 953	Withdrawable	Lever/Straight rotary	3P - 4P	600x300	Horizontal	1
GW 49 960	Withdrawable	Motor	3P - 4P	600x300	Horizontal	1
GW 49 961	Withdrawable interlocked	Lever	3P - 4P	600x600	Horizontal	1
GW 49 962	Withdrawable interlocked	Motor	3P - 4P	600x600	Horizontal	1
GW 49 955	Fixed	Lever	3P - 4P	600x400	Vertical	1
GW 49 956	Plug-in	Lever	3P - 4P	600x400	Vertical	1
GW 49 957	Withdrawable	Lever	3P - 4P	600x400	Vertical	1
SUITABLE FOR: MTXM 400-MTX/E 630 (400A)						
GW 49 964	Plug-in	Lever/Straight rotary	3P - 4P	600x300	Horizontal	1
GW 49 966	Withdrawable	Lever/Straight rotary	3P - 4P	600x300	Horizontal	1
GW 49 968	Withdrawable	Motor	3P - 4P	600x300	Horizontal	1
GW 49 972	Plug-in	Lever	3P - 4P	600x400	Vertical	1
GW 49 974	Withdrawable	Lever	3P - 4P	600x400	Vertical	1
SUITABLE FOR: MTX/E/M 630 (500/630A)						
GW 49 965	Plug-in	Lever/Straight rotary	3P - 4P	600x300	Horizontal	1
GW 49 967	Withdrawable	Lever/Straight rotary	3P - 4P	600x300	Horizontal	1
GW 49 969	Withdrawable	Motor	3P - 4P	600x300	Horizontal	1
GW 49 973	Plug-in	Lever	3P - 4P	600x400	Vertical	1
GW 49 975	Withdrawable	Lever	3P - 4P	600x400	Vertical	1

(CONTINUE)
INSTALLATION KIT FOR MCCB SWITCH TO 1600A WITH REAR TERMINALS IN SEPARATED CABINETS B = 600MM - COMPLETE WITH PERFORATED FRONT PANEL, SUPPORTS AND FIXING PLATES

Code	Execution	Control	No. of poles	Dimensions LxH (mm)	Installation	Pack. Carton.
SUITABLE FOR: MTXM 400-MTX/E/M 630						
GW 49 963	Fixed	Lever/Straight rotary	3P - 4P	600x300	Horizontal	1
GW 49 970	Fixed	Motor	3P - 4P	600x300	Horizontal	1
GW 49 976	Fixed/plug-in interlocked	Lever / Motor (fixed only)	3P - 4P	600x600	Horizontal	1
GW 49 977	Plug-in interlocked	Motor	3P - 4P	600x600	Horizontal	1
GW 49 978	Withdrawable interlocked	Lever	3P - 4P	600x600	Horizontal	1
GW 49 979	Withdrawable interlocked	Motor	3P - 4P	600x600	Horizontal	1
GW 49 971	Fixed	Lever	3P - 4P	600x400	Vertical	1
SUITABLE FOR: MTX/E/M 1000						
GW 49 980	Fixed	Lever	3P - 4P	600x500	Horizontal	1
GW 49 982	Fixed	Straight rotary	3P - 4P	600x500	Horizontal	1
GW 49 981	Fixed	Motor	3P - 4P	600x500	Horizontal	1
GW 49 985	Fixed interlocked	Lever	3P - 4P	600x800	Horizontal	1
GW 49 986	Fixed interlocked	Motor	3P - 4P	600x800	Horizontal	1
GW 49 984	Withdrawable	Lever/Straight rotary	3P - 4P	600x500	Horizontal	1
GW 49 983	Withdrawable	Motor	3P - 4P	600x500	Horizontal	1
GW 49 987	Withdrawable interlocked	Lever	3P - 4P	600x800	Horizontal	1
GW 49 988	Withdrawable interlocked	Motor	3P - 4P	600x800	Horizontal	1
GW 49 989	Fixed	Lever	3P - 4P	600x500	Vertical	1
GW 49 991	Fixed	Straight rotary	3P - 4P	600x500	Vertical	1
GW 49 992	Fixed	Motor	3P - 4P	600x500	Vertical	1
GW 49 990	Withdrawable	Lever/Straight rotary	3P - 4P	600x500	Vertical	1
GW 49 993	Withdrawable	Motor	3P - 4P	600x500	Vertical	1
SUITABLE FOR: MTSE/M 1600						
GW 49 432	Fixed	Lever	3P - 4P	600x600	Horizontal	1
GW 49 433	Fixed	Straight rotary	3P - 4P	600x600	Horizontal	1
GW 49 434	Fixed	Motor	3P - 4P	600x600	Horizontal	1
GW 49 435	Fixed interlocked	Lever	4P	600x800	Horizontal	1
GW 49 436	Fixed interlocked	Motor	4P	600x800	Horizontal	1
GW 49 437	Withdrawable interlocked	Lever	4P	600x800	Horizontal	1
GW 49 438	Withdrawable interlocked	Motor	4P	600x800	Horizontal	1
GW 49 439	Fixed	Lever	3P - 4P	600x800	Vertical	1
GW 49 440	Withdrawable	Lever/Straight rotary	3P - 4P	600x800	Vertical	1
GW 49 441	Fixed	Straight rotary	3P - 4P	600x800	Vertical	1
GW 49 442	Fixed	Motor	3P - 4P	600x800	Vertical	1
GW 49 443	Withdrawable	Motor	3P - 4P	600x800	Vertical	1

CHARACTERISTICS: front panel in painted sheet metal, Grey RAL 7035, perforated for fixing the circuit breaker cover; panel contact earth connection; pre-arrangement of the panels for rotation hinges (included); elastic rings to avoid losing the fixing screws; simple fixing of devices, thanks to the threaded bushings on the assembly plate; standard configuration for Form 2 divider segregation; pre-arrangement for conversion to Form 3 and Form 4 with special segregation kits.

NOTES: interlock plate to be purchased separately.

GW49960/68/69/83/90/91/92/93 and GW49435/36/37/38/42/43 - Form 2 only.

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MODULAR FLOOR-MOUNTING DISTRIBUTION BOARDS UP TO 3200A

FRONT PANELS

GW49459



SOLID FRONT PANELS

Code	Dimensions LxH (mm)	Pack. Carton.
MODULES: 12		
GW 49 451	400x100	1
GW 49 452	400x200	1
GW 49 453	400x300	1
GW 49 454	400x400	1
GW 49 455	400x600	1
MODULES: 24		
GW 49 456	600x100	1
GW 49 457	600x200	1
GW 49 458	600x300	1
GW 49 459	600x400	1
GW 49 460	600x600	1
GW 49 461	600x800	1
GW 49 463	600x1800	1
GW 49 464	600x2000	1
MODULES: 36		
GW 49 470	850x100	1
GW 49 471	850x200	1
GW 49 472	850x300	1
GW 49 473	850x400	1
GW 49 474	850x600	1
GW 49 481	850x800	1
GW 49 476	850x1800	1
GW 49 477	850x2000	1

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035; earthing for contact; elastic rings to avoid losing screws; prearrangement of the panels for rotation hinges (included).

GW49466



SOLID FRONT RECESSED PANELS

Code	Dimensions LxH (mm)	Pack. Carton.
MODULES: 24		
GW 49 465	600x200	1
GW 49 466	600x400	1
GW 49 467	600x600	1
MODULES: 36		
GW 49 478	850x200	1
GW 49 479	850x400	1
GW 49 480	850x600	1

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035; earthing for contact; elastic rings to avoid losing screws; prearrangement of the panels for rotation hinges (included).

GW49516



PANELS FOR SQUARE MEASURING INSTRUMENTS

Code	Dimensions LxH (mm)	3-way switch no. x hole Ø	Instruments N. x dimensions	Pack. Carton.
MODULES: 24				
GW 49 514	600x200	2 Ø9,5 mm	2 72x72 mm	1
GW 49 515	600x200	2 Ø9,5 mm	2 96x96 mm	1
GW 49 516	600x200	1 Ø9,5 mm	4 72x72 mm	1
GW 49 517	600x200	1 Ø9,5 mm	4 96x96 mm	1
MODULES: 36				
GW 49 518	850x200	2 Ø9,5 mm	2 72x72 mm	1
GW 49 519	850x200	2 Ø9,5 mm	2 96x96 mm	1
GW 49 520	850x200	1 Ø9,5 mm	4 72x72 mm	1
GW 49 521	850x200	1 Ø9,5 mm	4 96x96 mm	1

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035; earthing for contact; elastic rings to avoid losing screws; prearrangement of the panels for rotation hinges (included).

APPLICATIONS: installations of ammeters, voltmeters, voltmeter/ammeter three-way switches and distribution boards residual current relay.

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RANGE

①=May 2010

②=June 2010

③=September 2010

GW49468



AERATION FRONT PANELS

Code	Dimensions LxH (mm)	Pack. Carton.
GW 49 468	600x100	1
GW 49 469	600x200	1

CHARACTERISTICS: front panel in painted sheet metal colour Grey RAL 7035; earthing for contact; elastic rings to avoid losing screws; prearrangement of the panels for rotation hinges (included).

APPLICATIONS: natural ventilation in floor-mounting distribution boards in combination with aerated side panels.

ACCESSORIES

GW49209



DEPTH ADAPTOR

Code	Length (mm)	Pack. Carton.
GW 49 209	600	1

APPLICATIONS: compensation of the different installation depths on EN 50022 DIN rail of the modular devices (90 range) and moulded-case devices (MTX 160/c-250).

GW47291



BLANKING MODULE PROFILE IN PLASTIC MATERIAL - GREY RAL 7035

Code	No. of modules EN 50022	Colour	Pack. Carton.
GW 47 291	24	Grey RAL 7035	10

CHARACTERISTICS: clip fixing on DIN perforated front panels.

GW49201



WIRING TRUNKING SUPPORTS

Code	Description	Suitable for	Pack. Carton.
GW 49 201	N. 4 plastic supports	horizontal trunking	1/4
GW 49 202	N. 4 metal supports	horizontal trunking	1/4

APPLICATIONS: horizontal mounting of trunking up to 60x80 mm in segregated boxes.

NOTES: the plastic support is secured on the back of the double aluminium DIN rail, whereas the metal support is secured on the rail brackets. Both supports allow the trunking depth to be adjusted.

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MODULAR FLOOR-MOUNTING DISTRIBUTION BOARDS UP TO 3200A

INTERNAL CONFIGURATION

BACK-MOUNTING PLATES

GW49801



FLAT BACK-MOUNTING PLATES FOR MOUNTING NON-MODULAR DEVICES

Code	Dimensions LxH (mm)	Pack. Carton.
DISTRIBUTION BOARDS: NON SEPARATED - 12 MODULES		
GW 49 801	400x200	1
DISTRIBUTION BOARDS: NON SEPARATED - 24 MODULES		
GW 49 805	600x200	1
GW 49 806	600x300	1
GW 49 807	600x400	1
GW 49 808	600x600	1
DISTRIBUTION BOARDS: NON SEPARATED - 36 MODULES		
GW 49 812	850x200	1
GW 49 813	850x300	1
GW 49 814	850x400	1
GW 49 815	850x600	1
DISTRIBUTION BOARDS: SEPARATED - 12 MODULES		
GW 49 819	400x200	1
DISTRIBUTION BOARDS: SEPARATED - 24 MODULES		
GW 49 823	600x200	1
GW 49 824	600x300	1
GW 49 825	600x400	1
GW 49 826	600x600	1
GW 49 827	600x800	1
DISTRIBUTION BOARDS: SEPARATED - 36 MODULES		
GW 49 851	850x200	1
GW 49 852	850x300	1
GW 49 853	850x400	1
GW 49 854	850x600	1
GW 49 855	850x800	1

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: possibility of adjusting the plate deeply; plate in steel sheet thickness 20-25/10 mm.

GW49809



BACK-MOUNTING INDENTED PLATES FOR MOUNTING NON-MODULAR DEVICES

Code	Dimensions LxH (mm)	Pack. Carton.
DISTRIBUTION BOARDS: NON SEPARATED - 24 MODULES		
GW 49 809	600x200	1
GW 49 810	600x400	1
GW 49 811	600x600	1
DISTRIBUTION BOARDS: NON SEPARATED - 36 MODULES		
GW 49 816	850x200	1
GW 49 817	850x400	1
GW 49 818	850x600	1

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: possibility of adjusting the plate deeply; plate in steel sheet thickness 20-25/10 mm.

GW49828



BACK-MOUNTING FULL HEIGHT PLATES FOR MOUNTING NON-MODULAR DEVICES

Code	Dimensions LxH (mm)	Pack. Carton.
MODULES: 24		
GW 49 828	600x1800	1
GW 49 829	600x2000	1
MODULES: 36		
GW 49 830	850x1800	1
GW 49 831	850x2000	1

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: steel sheet plate thickness 20-25/10 mm.

NOTES: to secure the plate to the structure, use the supports recommended in the following table.

①=May 2010

②=June 2010

③=September 2010

GW49832



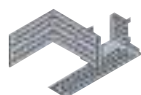
PAIR OF SUPPORTS FOR FULL HEIGHT BACK-MOUNTING PLATES

Code	For structures (mm)	Pack. Carton.
GW 49 832	D=400	1
GW 49 833	D=600	1
GW 49 834	D=800	1

ACCESSORIES SUPPLIED: fixing accessories.

INTERNAL SEPARATIONS FOR CIRCUIT BREAKERS

GW49531



DIVIDER KIT - FORM 3B

Code	Panel dimension LxH (mm)	Pack. Carton.
INSTALLATION: HORIZONTAL		
GW 49 531	400x200	1
GW 49 532	400x300	1
GW 49 534	400x600	1
GW 49 535	600x200	1
GW 49 536	600x300	1
GW 49 538	600x500	1
GW 49 539	600x600	1
GW 49 544	600x800	1
INSTALLATION: VERTICAL		
GW 49 996	400/600x400 (P=600)	1
GW 49 997	400/600x400 (P=800)	1
GW 49 540	400/600x500 (P=600)	1
GW 49 541	400/600x500 (P=800)	1
GW 49 543	600x800 (P=800)	1

GW49550



DIVIDER KIT - FORM 4B

Code	Front dim. LxH (mm)	Pack. Carton.
INSTALLATION: HORIZONTAL		
GW 49 550	400/600x200	1
GW 49 551	400/600x300	1
GW 49 553	600x500	1
GW 49 554	600x600	1
INSTALLATION: VERTICAL		
GW 49 998	400/600x400 (D=600)	1
GW 49 999	400/600x400 (D=800)	1
GW 49 555	400/600x500 (D=600)	1
GW 49 556	400/600x500 (D=800)	1
GW 49 558	600x800 (D=800)	1

INTERNAL SEPARATION FOR BUSBAR

GW49561



INTERNAL SEPARATIONS FOR SYSTEMS OF HORIZONTAL BUSBARS IN THE STRUCTURE

Code	Description	Type	Width (mm)	Pack. Carton.
GW 49 561	Horizontal tray	Universal	400	1
GW 49 562	Horizontal tray	Universal	600	1
GW 49 578	Horizontal tray	Universal	850	1
GW 49 563	Horizontal separation		400	1
GW 49 564	Horizontal separation		600	1
GW 49 565	Vertical separation	Rear	400	1
GW 49 566	Vertical separation	Rear	600	1

GW49567



INTERNAL SEPARATIONS FOR SYSTEMS OF VERTICAL BUSBARS IN THE STRUCTURE

Code	Description	Type	For structures (mm)	Height (mm)	Pack. Carton.
GW 49 567	Vertical separation	Lateral	D=600	1800	1
GW 49 568	Vertical separation	Lateral	D=600	2000	1
GW 49 569	Vertical separation	Lateral	D=800	1800	1
GW 49 570	Vertical separation	Lateral	D=800	2000	1
GW 49 573	N. 4 spacers				1

GW49573: They permit simultaneous mounting of the vertical dividers and of the crosspieces positioned between the functional frame and the rear upright

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47 CVX 1600 RANGE

MODULAR FLOOR-MOUNTING DISTRIBUTION BOARDS UP TO 3200A

GW49574



INTERNAL SEPARATIONS FOR BUSBARS SYSTEMS IN THE CABLE COMPARTMENT

Code	Description	For busbars	Suitable for	Pack. Carton.
GW 49 574	Horizontal separation	Horizontal Up/down	Internal cable compartment	1
GW 49 575	Horizontal separation	Horizontal Up/down	External cable compartment	1
GW 49 576	Horizontal separation	Horizontal Up/down	Structures L=400 mm	1
GW 49 577	Horizontal separation	Horizontal Up/down	Structures L=600 mm	1
GW 49 571	Rear separation	Vertical	Internal cable comp. H=1800 mm	1
GW 49 572	Rear separation	Vertical	Internal cable comp. H=2000 mm	1

NOTE: the GW49576 and GW49577 internal separations have to be chosen if the structure is used as a cable compartment.

COMPLEMENTARY ITEMS

ACCESSORIES

GW49207



SUPPORTS FOR TERMINAL BLOCKS ON NON-SEPARATED DISTRIBUTION BOARDS (OPEN FRAME)

Code	Description	Pack. Carton.
GW 49 203	N. 2 horizontal supports 45° inclination	1
GW 49 207	N. 2 horizontal supports	1
GW 49 208	N. 4 supports x compart. Outdoors/indoors	1

GW47691



RAIL PROFILES FOR MODULAR DEVICES AND TERMINALS

Code	Profile	Length (mm)	Pack. Carton.
GW 47 691	EN 50022 (DIN 35)	2000	1/5
GW 47 692	EN 50035 (G 32)	2000	1/5
GW 47 693	EN 50024 (C30)	2000	1/5

GW49163



KIT FOR LATERAL AND REAR SIDE-BY-SIDE MOUNTING OF IP65 STRUCTURES

Code	Description	Pack. Carton.
GW 49 163	Coupling kit structures H=1800-2000mm	1

ACCESSORIES SUPPLIED: plates and sealing gaskets.

GW49164

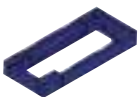


ROOF AERATION KIT - IP20

Code	Description	Pack. Carton.
GW 49 164	Roof aeration kit	1

CHARACTERISTICS: the kit allows aeration, and therefore the dissipable power to be increased. The protection rating is reduced to IP20.

GW49133



ADDITIONAL BLOCK MOUNT H=100MM PAINTED IN BLUE RAL 5003 COLOUR INSPECTABLE ON FOUR SIDES THANKS TO REMOVABLE PANELS

Code	For structure LxD (mm)	Pack. Carton.
GW 49 131	300x400	1
GW 49 132	300x600	1
GW 49 133	300x800	1
GW 49 134	400x400	1
GW 49 135	400x600	1
GW 49 136	400x800	1
GW 49 137	600x400	1
GW 49 138	600x600	1
GW 49 139	600x800	1
GW 49 140	850x400	1
GW 49 141	850x600	1
GW 49 142	850x800	1

ACCESSORIES SUPPLIED: 4 angle bars; 4 panels; mounting elements.

CHARACTERISTICS: option of overlapping an additional block-mount to facilitate cable entry and raise the panel.

GW46448



VENTILATION KIT - IP44

Code	Description	Pack. Carton.
GW 46 448	Ventilation kit	1/2
GW 46 471	Aeration kit	1/10

NOTE: perforation dimensions 125x117mm; centre distance of fixing: 123x115mm.

①=May 2010

②=June 2010

③=September 2010

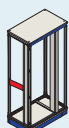
GW47492



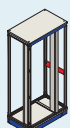
MISCELLANEOUS ACCESSORIES

Code	Description	Characteristics	Pack. Carton.
GW 46 447	Adhesive document pocket	dimensions 310x230 mm	1/10
GW 49 167	N. 2 brackets	for wall mounting	1
GW 49 168	N. 2 stiffening brackets	for raising enclosures	1
GW 49 162	Insert for security lock	Key with standardized code (Yale type)	1
GW 47 492	N. 2 eyebolts for raising		1
GW 47 196	Aerosol spray	colour Grey RAL 7035	1/6
GW 47 296	Aerosol spray	colour Blue RAL 5003	1/6

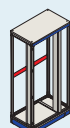
CROSSPIECES FOR ACCESSORIES



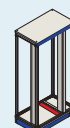
POSITION 1



POSITION 2



POSITION 3



POSITION 4

PAIR OF CROSSPIECES IN GALVANIZED MATERIAL NON SEPARATED PANELS

Code	Assembly position	For structures (mm)	Pack. Carton.
DISTRIBUTION BOARDS: NON SEPARATED			
GW 49 733	1	D=600	1
GW 49 734	1	D=800	1
GW 49 748	2	D=400	1
GW 49 737	2	D=600	1
GW 49 738	2	D=800	1
GW 49 731	3	L=600	1
GW 49 732	3	L=850	1

ACCESSORIES SUPPLIED: fixing accessories

PAIR OF CROSSPIECES IN GALVANIZED MATERIAL FOR ACCESSORIES - SEPARATED BOARDS

Code	Assembly position	For structures (mm)	Pack. Carton.
DISTRIBUTION BOARDS: SEPARATED			
GW 49 735	1	D=600	1
GW 49 736	1	D=800	1
GW 49 731	3	L=600	1
GW 49 732	3	L=850	1

ACCESSORIES SUPPLIED: fixing accessories

PAIR OF CROSSPIECES IN GALVANIZED MATERIAL FOR REINFORCEMENT

Code	Assembly position	For structures (mm)	Pack. Carton.
DISTRIBUTION BOARDS: SEPARATED / NON SEPARATED			
GW 49 745	4	D=400	1
GW 49 746	4	D=600	1
GW 49 747	4	D=800	1








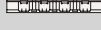

ACCESSORIES SUPPLIED: fixing accessories.

NOTE: mounting crosspieces on the base/head.

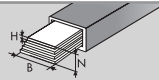
47 BUSBAR RANGE

DISTRIBUTION SYSTEMS FOR DISTRIBUTION BOARDS

FLAT BUSBAR SYSTEM - CVX 630 K DISTRIBUTION BOARD

BUSBAR (1 code = 2 pieces)						CENTRE DISTANCE						BUSBAR HOLDER WITH CROSSPIECE (1 code = 2 pieces)					
Capacity (A) depending on IP rating		Code	Cross-section LxH (mm)	No. bars per phase	Type	Maximum centre distance between busbar holders (mm) depending on max. Icc (kA)						L=600mm		L=850mm		Internal cable compartment	External cable compartment
IP 30	IP 40/43					6kA	10kA	16kA	20kA	25kA	35kA						
325	250	GW 45 551 (1000mm) GW 45 555 (1750mm)	20 x 5	1		1000	1000	600	200	200	-	GW 45 563	GW 45 563	-	-		
						700	400	250	150	-	-	-	-	GW 45 561	-		
						800	500	250	100	100	-	-	-	-	GW 45 562		
530	400	GW 45 552 (1000mm) GW 45 556 (1750mm)	25 x 6	1		700	400	250	150	-	-	-	GW 45 561	-			
						-	-	-	-	-	-	-	-	-	-		
530	400	GW 45 553 (1000mm) GW 45 557 (1750mm)	30 x 5	1		1000	1000	600	600	500	200	GW 45 563	GW 45 563	-	-		
						1000	600	250	100	100	-	-	-	-	GW 45 562		
770	630	GW 45 554 (1000mm) GW 45 558 (1750mm)	30 x 10	1		1000	1000	600	600	500	200	GW 45 563	GW 45 563	-	-		
						1000	700	250	100	100	-	-	-	-	GW 45 562		

FLEXIBLE STRAPS

Capacity (A) depending on IP rating							Code (1 code= 2 pieces)	Dimensions		
CVX 630 K boards		CVX 630 M boards		CVX 1600 enclosures				 NxLxH (mm)	Cross-section (mm²)	Length (mm)
IP 30	IP 40 / IP 43	IP 30	IP 55	IP 31	IP 41	IP 65				
212	191	212	160	212	191	160	GW 47 651	2x15.5x0.8	24, 8	2000
395	323	395	250	395	323	250	GW 47 652	3x20x1	60	2000
498	460	498	400	498	460	400	GW 47 653	5x20x1	100	2000
758	702	758	630	758	702	630	GW 47 654	5x32x1	160	2000
-	-	-	-	1203	1140	1000	GW 47 655	8x40x1	320	2000
-	-	-	-	1650	1525	1250	GW 47 656	10x50x1	500	2000

47 BUSBAR RANGE

47 BUSBAR RANGE

DISTRIBUTION SYSTEMS FOR DISTRIBUTION BOARDS



SHAPED CONTINUOUS PROFILE BUSBAR SYSTEM - CVX 630 M DISTRIBUTION BOARD

BUSBAR (1 code = 1 piece)					BUSBAR HOLDER (1 code = 1 piece)			BUSBAR HOLDER WITH CROSSPIECE (1 code = 2 pieces)					
Capacity (A) depending on IP rating		Code	Cross-section LxH (mm)	No. bars per phase	Maximum centre distance D (mm) depending on max. Icc (kA)			L=600mm		Internal cable compartment	External cable compartment	Direct connection to GWFIX 400	
IP 30	IP 55				Type	25kA	35kA	L=600mm	L= 850mm(*)			L=600mm	L=850mm (**)
630	400	GW 49 651	20 x 20	1		550	425	GW 45 577	GW 45 578	-	-	GW 45 579	GW 45 580
						550	425	-	-	GW 45 575	GW 45 576	-	-
970	800	GW 49 652	20 x 20	1		550	425	GW 45 577	GW 45 578	-	-	GW 45 579	GW 45 580
						550	425	-	-	GW 45 575	GW 45 576	-	-

(*) In structures B= 850mm with internal cable compartment, use the **GW 45 577** crosspieces for busbar systems on the bottom of the device compartment B= 600mm.

(**) In structures B= 850mm with internal cable compartment, use the **GW 45 579** crosspieces for busbar systems on the bottom of the device compartment B= 600mm.

FLAT BUSBAR SYSTEM - CVX 630 M DISTRIBUTION BOARD

BUSBAR (1 code = 2 pieces)					CENTRE DISTANCE							BUSBAR HOLDER WITH CROSSPIECE (1 code = 2 pieces)			
Capacity (A) depending on IP rating		Code	Cross-section LxH (mm)	No. bars per phase	Maximum centre distance between busbar holders (mm) depending on max. Icc (kA)							L=600mm		Internal cable compartment	External cable compartment
IP 30	IP 55				Type	6kA	10kA	16kA	20kA	25kA	35kA	L=600mm	L= 850mm(*)		
325	250	GW 45 551 (1000mm) GW 45 555 (1750mm)	20 X 5	1		1000	1000	600	200	200	-	GW 45 573	GW 45 574	-	-
						700	400	250	150	-	-	-	-	GW 45 561	-
						800	500	250	100	100	-	-	-	-	GW 45 562
530	400	GW 45 552 (1000mm) GW 45 556 (1750mm)	25 X 6	1		700	400	250	150	-	-	-	GW 45 561	-	
530	400	GW 45 553 (1000mm) GW 45 557 (1750mm)	30 X 5	1		1000	1000	600	600	500	200	GW 45 573	GW 45 574	-	-
						1000	600	250	100	100	-	-	-	-	GW 45 562
770	630	GW 45 554 (1000mm) GW 45 558 (1750mm)	30 X 10	1		1000	1000	600	600	500	200	GW 45 573	GW 45 574	-	-
						1000	700	250	100	100	-	-	-	-	GW 45 562

















(*) In structures B= 850mm with internal cable compartment, use the GW 45 573 crosspieces for busbar systems on the bottom of the device compartment B= 600mm.

47 BUSBAR RANGE

47 BUSBAR RANGE

DISTRIBUTION SYSTEMS FOR DISTRIBUTION BOARDS

SHAPED CONTINUOUS PROFILE BUSBAR SYSTEM - CVX 1600 ENCLOSURE

BUSBAR (1 code = 1 piece)											FIXING CROSSPIECE (1 code = 2 pieces)										
Capacity (A) depending on IP rating			Code	Cross-section LxH (mm)	No. bars per phase	BUSBAR HOLDER (1 code = 1 piece)					Min. structure depth (mm)	External cable compartment			Non-separated enclosure						
IP 31	IP 41	IP 65				Code	25kA	35kA	50kA	65kA		75kA	(2) L=400mm	(2) L=600mm	(2) L=850mm	External cable compartment	D = 600mm	D = 800mm			
630	520	400	GW 49 651	20 x 20	1	 GW 49 658	550	425	-	-	-	400	GW 49 701	GW 49 702	GW 49 703	-	-				
						 GW 49 659 + GW 49 675(*)	550	550	-	-	-	600	GW 49 704	GW 49 705	GW 49 706						
						 GW 49 660 + GW 49 675(*)	550	550	-	-	-	600						GW 49 708	-	-	GW 49 713
						 GW 49 656	550	425	-	-	-	400	GW 49 704	-	-						-
						 GW 49 657 + GW 49 675(*)	550	550	-	-	-	800									
970	830	800	GW 49 652	20 x 20	1	 GW 49 658	550	425	-	-	-	400	GW 49 701	GW 49 702	GW 49 703	-	-				
						 GW 49 659 + GW 49 675(*)	550	550	-	-	-	600	GW 49 704	GW 49 705	GW 49 706						
						 GW 49 660 + GW 49 675(*)	550	550	-	-	-	600						GW 49 708	-	-	GW 49 713
						 GW 49 656	550	425	-	-	-	400	GW 49 704	-	-						-
						 GW 49 657 + GW 49 675(*)	550	550	-	-	-	800									
1400	1330	1250	GW 49 653	20 x 60	1	 GW 49 659	550	550	425	275	225	600	GW 49 704	GW 49 705	GW 49 706	-	-				
						 GW 49 660	550	425	350	225	-	600						-	-	-	GW 49 713
						 GW 49 657	550	550	425	275	250	800									-
1820	1710	1600	GW 49 654	20 x 60	1	 GW 49 659	550	550	425	275	200	600	GW 49 704	GW 49 705	GW 49 706	-	-				
						 GW 49 660	550	550	350	225	-	600						-	-	-	GW 49 713
						 GW 49 657	550	550	425	275	250	800									-

Note: the yellow arrows indicate an example of choice of codes relating to the busbar system to be constructed (busbar, fixing crosspiece and busbar holder).

(*) adapter for busbar-holder (1 code= 4 pieces)

(1) installation only on external compartment

(2) up to Form 2

FIXING CROSSPIECE (1 code = 2 pieces)

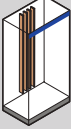









Separated enclosure		Internal/external compartment					Position A			Position B		Direct connection to GWFIX 400	
D = 600mm	D = 800mm	D = 400mm	D = 600mm	D = 800mm	D = 600mm	D = 800mm	L=400mm	L=600mm	L=850mm	D = 600mm	D = 800mm	L=600mm	L=850mm
-	-	-	-	-	-	-	-	-	-	-	-	GW 49 717	GW 49 718
GW 49 714	GW 49 716	-	GW 49 711	GW 49 712	GW 49 711	GW 49 720	GW 49 721	GW 49 722	GW 49 723	GW 49 724	GW 49 725	-	-
-	-	GW 49 710	-	-	-	-	-	-	-	-	-	-	-
-	GW 49 716	-	GW 49 711 (1)	GW 49 712	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	GW 49 717	GW 49 718
GW 49 714	GW 49 716	-	GW 49 711	GW 49 712	GW 49 711	GW 49 720	GW 49 721	GW 49 722	GW 49 723	GW 49 724	GW 49 725	-	-
-	-	GW 49 710	-	-	-	-	-	-	-	-	-	-	-
-	GW 49 716	-	GW 49 711 (1)	GW 49 712	-	-	-	-	-	-	-	-	-
GW 49 714	GW 49 716	-	GW 49 711	GW 49 712	GW 49 711	GW 49 720	GW 49 721	GW 49 722	GW 49 723	GW 49 724	GW 49 725	-	-
-	-	-	GW 49 711 (1)	-	-	-	-	-	-	-	-	-	-
GW 49 714	GW 49 716	-	GW 49 711	GW 49 712	GW 49 711	GW 49 720	GW 49 721	GW 49 722	GW 49 723	GW 49 724	GW 49 725	-	-
-	-	-	GW 49 711 (1)	-	-	-	-	-	-	-	-	-	-

47 BUSBAR RANGE

47 BUSBAR RANGE

DISTRIBUTION SYSTEMS FOR DISTRIBUTION BOARDS

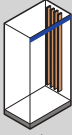

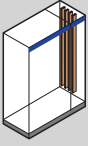
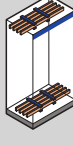
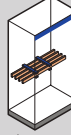
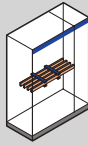
FLAT BUSBAR SYSTEM - CVX 1600 ENCLOSURE

BUSBAR (1 code = 2 pieces)						BUSBAR HOLDER (1 code = 2 pieces)													
Capacity (A) depending on IP rating			Code	LxH (mm)	No. bars per phase	Maximum centre distance D (mm) depending on max. Icc (kA)												L= 600mm ⁽²⁾	L= 850mm ⁽²⁾
IP 31	IP 41	IP 65				6	10	16	25	35	50	75	100	Min. structure depth (mm)					
530	490	400	 GW 47 637	32 x 5	1	 GW 49 670	1000	1000	700	300	225	-	-	-	600	GW 49 731	GW 49 732		
772	695	630	 GW 49 677	50 x 5	1		1000	1000	700	375	275	225	-	-	600	GW 49 731	GW 49 732		
951	863	800	 GW 49 678	63 x 5	1		-	1000	700	425	300	225	-	-	600	GW 49 731	GW 49 732		
1431	1347	1250	 GW 49 679	100 x 5	1		-	-	700	500	375	250	-	-	600	GW 49 731	GW 49 732		
1836	1710	1600	 GW 49 680	100 x 10	1	 GW 49 671	-	-	-	1000	1000	600	375	225	600	GW 49 731	GW 49 732		
3056	2700	2500		100 x 10	2		 GW 49 672	-	-	-	1000	1000	900	400	225	800	GW 49 731	GW 49 732	
4018	3600	3200		100 x 10	3			 GW 49 676	-	-	-	1000	1000	800	400	225	800	GW 49 731	GW 49 732

Note: the yellow arrows indicate an example of choice of codes relating to the busbar system to be constructed (busbar, fixing crosspiece and busbar holder).

⁽²⁾ Up to Form 2







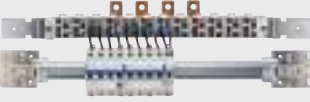


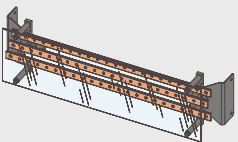
FIXING CROSSPIECE (1 code = 2 pieces)


 Non-separated enclosure		 Separated enclosure		 Internal/external compartment		 Non-separated enclosure		 Separated enclosure		 Internal/external compartment			
D = 600mm	D = 800mm	D = 600mm	D = 800mm	D = 600mm	D = 800mm	D = 600mm	D = 800mm	D = 600mm	D = 800mm	D = 600mm	D = 800mm	D = 600mm	D = 800mm
GW 49 733	GW 49 734	GW 49 735	GW 49 736	GW 49 737	GW 49 738	GW 49 749	GW 49 720	GW 49 741	GW 49 742	GW 49 743	GW 49 744	GW 49 739	GW 49 740
GW 49 733	GW 49 734	GW 49 735	GW 49 736	GW 49 737	GW 49 738	GW 49 749	GW 49 720	GW 49 741	GW 49 742	GW 49 743	GW 49 744	GW 49 739	GW 49 740
GW 49 733	GW 49 734	GW 49 735	GW 49 736	GW 49 737	GW 49 738	GW 49 749	GW 49 720	GW 49 741	GW 49 742	GW 49 743	GW 49 744	GW 49 739	GW 49 740
GW 49 733	GW 49 734	GW 49 735	GW 49 736	GW 49 737	GW 49 738	GW 49 749	GW 49 720	GW 49 741	GW 49 742	GW 49 743	GW 49 744	GW 49 739	GW 49 740
GW 49 733	GW 49 734	GW 49 735	GW 49 736	GW 49 737	GW 49 738	GW 49 749	GW 49 720	GW 49 741	GW 49 742	GW 49 743	GW 49 744	GW 49 739	GW 49 740
-	GW 49 734	-	GW 49 736	-	GW 49 738	-	GW 49 720	-	GW 49 742	-	GW 49 744	-	GW 49 740
-	GW 49 734	-	GW 49 736	-	GW 49 738	-	GW 49 720	-	GW 49 742	-	GW 49 744	-	GW 49 740


47 BUSBAR RANGE


DISTRIBUTION SYSTEMS FOR DISTRIBUTION BOARDS

COMPATIBILITY OF GWFIX SYSTEMS AND TERMINAL BLOCKS WITH 47 CVX RANGE DISTRIBUTION BOARDS

	 CVX 160 I Flush-mounting distribution board	 CVX 160 E Wall-mounting distribution board	 CVX 630 K Wall- and floor-mounting distribution board	 CVX 630 M Wall- and floor-mounting distribution boards	 CVX 1600 Floor-mounting enclosure
QUICK DIVIDER GWFIX DISTRIBUTION SYSTEMS					
 GWFIX 100	•	•	•	•	•
 GWFIX 250		•	•	•	•
 GWFIX 400				•	•
DISTRIBUTION TERMINAL BLOCKS					
 Modular 1P/2P/3P/4P 100A 125A 160A 250A	•	•	•	•	•
 4P on functional frame or plate			•	•	•

GWFIX 100 - QUICK DIVIDER 100A FOR MODULAR DEVICES		
		
Rated operational voltage (Ue)	(V)	400 AC
Rated insulation voltage (Ui)	(V)	500 AC
Rated impulse voltage (Uimp)	(kV)	6 - 1.2/50 µs
Rated frequency	(Hz)	50 / 60
Rated current (In) on central power supply	(A)	100
Rated current (In) on lateral power supply	(A)	80
Maximum installable switch size	(A)	100
Conditioned short-circuit current (Icc) with MTC 45 - MDC 45 miniature circuit breaker	(kA)	4.5 - 400V
Conditioned short-circuit current (Icc) with MT 60 MTC 60 - MDC 60 miniature circuit breaker	(kA)	6 - 400V
Conditioned short-circuit current (Icc) with MT 100 - MTC 100 - MDC 100 miniature circuit breaker	(kA)	10 - 400V
Conditioned short-circuit current (Icc) with MT 250 miniature circuit breaker	(kA)	25 - 400V
Degree of protection		IP 20
Characteristics of the insulation material		extinguishing thermoplastic V1 (UL94)
Characteristics of the conductor material		electrolytic copper
Width	(No. modules/mm)	12 / 400 18 24 / 600 36/850


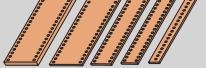

GWFIX 250 - QUICK DIVIDER 250A FOR MODULAR DEVICES		
		
Rated operational voltage (Ue)	(V)	500 AC
Rated insulation voltage (Ui)	(V)	500 AC
Rated impulse voltage (Uimp)	(kV)	6 - 1.2/50 µs
Rated frequency	(Hz)	50 / 60
Rated current (In) on central power supply	(A)	250
Rated short-time withstand current (Icw)	(kA)	10 (1s)
Peak rated current (Ipk)	(kA)	61
Maximum derived current	(A)	63
Conditioned short-circuit current (Icc)	(kA)	4.5 - 25 - 400 V
Degree of protection		IP 20
Characteristics of the insulation material		extinguishing thermoplastic V1 (UL94)
Characteristics of the conductor material		electrolytic copper
Width	(No. modules/mm)	24 / 36
Suitable for installation with panels with windows		pitch 200mm
Insertion of connector type		quick, with mechanical coupling
Connector disconnection		using a tool

GWFIX 400 - QUICK DIVIDER 400A FOR MODULAR AND MOULDED-CASE DEVICES		
		
Rated operational voltage (Ue)	(V)	690 AC
Rated insulation voltage (Ui)	(V)	1000 AC
Rated impulse voltage (Uimp)	(kV)	8 - 1.2/50 µs
Rated frequency	(Hz)	50 / 60
Rated current (In) on central power supply	(A)	400
Rated current (In) on lateral power supply	(A)	320
Rated short-time withstand current (Icw)	(kA)	25
Maximum peak current (Ipk)	(kA)	52.5 - 400V
Maximum derived current	(A)	250
Conditioned short-circuit current (Icc)	(kA)	MTX 160c: 36 kA - 400V MTX 160: 50 kA - 400V MTX 250: 50 kA - 400V
Degree of protection		IP 20
Characteristics of the insulation material		extinguishing thermoplastic V1 (UL94)
Characteristics of the conductor material		electrolytic copper
Section of the conductor material		25 x 5mm
Width	(No. modules/mm)	24 / 36
Installable devices		90 range MTX 160c, MTX 160, MTX 250 ranges, also with add-on RCD

47 BUSBAR RANGE

DISTRIBUTION SYSTEMS FOR DISTRIBUTION BOARDS

BUSBAR DISTRIBUTION SYSTEM

SHAPED/FLAT BUSBARS				
				
		SHAPED	FLAT	FLEXIBLE
Rated operational voltage (Ue)	(V)	690 AC	690 AC	690 AC
Rated insulation voltage (Ui)	(V)	1000 AC	1000 AC	1000 AC
Rated impulse voltage (Uimp)	(kV)	8 - 1.2/50 μs	8 - 1.2/50 μs	8 - 1.2/50 μs
Rated frequency	(Hz)	50 / 60	50 / 60	50 / 60
Rated current (In)	(A)	400, 800, 1250, 1600	250, 400, 630, 800, 1250, 1600, 2500, 3200	160, 250, 400, 630, 1000, 1250
Rated short-time withstand current (Icw)	(kA)	up to 75 (1s/400V A.C.)	up to 100 (1s/400V A.C.)	
Conditioned short-circuit current (Icc)	(kA)	up to 75	up to 100 (1s/400V A.C.)	
Busbar material		electrolytic copper 99.9% Cu-ETP	electrolytic copper 99.9% Cu-ETP	electrolytic copper 99.9% Cu-ETP
Insulating material		extinguishing polyamide V0 (UL94)	extinguishing polyamide V0 (UL94)	extinguishing polyamide V0 (UL94)
Tightening torque		screws M8= 20Nm screws M10= 30Nm	4 Nm	screws M6= 13Nm screws M12= 110Nm
Operating climate		constant: 25°C/83% - 40°C/93% variable: 25°C/98% - 40°C/98%	constant: 25°C/83% - 40°C/93% variable: 25°C/98% - 40°C/98%	
Operating temperature		-5°C - 40°C	-5°C - 40°C	-45°C - 150°C
Storage temperature		-25°C - 55°C	-25°C - 55°C	

GWFIX QUICK DIVIDER SYSTEMS

GWFIX 100 - QUICK DIVIDER 100A FOR MODULAR DEVICES

GW49762



GWFIX 100 - BAR FRAMES 100A FOR QUICK COUPLING CONNECTIONS FOR THE POWER SUPPLIES OF MODULAR DEVICES

Code	No. of modules EN 50022	Pack. Carton.
BUSBARS: 100 A 2P (L1/NEUTRAL)		
GW 49 762	12	1/6
GW 49 763	18	1/6
GW 49 764	24	1/6
BUSBARS: 100 A 4P		
GW 49 766	12	1/6
GW 49 767	18	1/6
GW 49 768	24	1/6
GW 49 769	36	1/6

CHARACTERISTICS: fixed quick connection on the rear of the double DIN rail.

NOTES: possibility to combine two 12-module bars on a single 24-module DIN rail.

GW49776



GWFIX 100 - QUICK COUPLING CONNECTIONS DEVICES

Code	Description	Type	Colour	Suitable for	Pack. Carton.
RATED CURRENT: 40 A					
GW 49 776	N. 10 connections	L1/Neutral	Brown	MTC (1P+N/2P)	1/6
GW 49 777	N. 10 connections	L2/Neutral	Grey	MTC (1P+N/2P)	1/6
GW 49 778	N. 10 connections	L3/Neutral	Black	MTC (1P+N/2P)	1/6
GW 49 779	N. 10 connections	L1/L2/L3/Neutral	White	MTC (3P/4P)	1/6
RATED CURRENT: 63 A					
GW 49 780	N. 10 connections	L1	Brown	MDC MT SD SE	1/6
GW 49 781	N. 10 connections	L2	Grey	MDC MT SD SE	1/6
GW 49 782	N. 10 connections	L3	Black	MDC MT SD SE	1/6
GW 49 783	N. 10 connections	Neutral	Blue	MDC MT SD SE	1/6

NOTE: GW49779 connection also suitable for MTC 3P, thanks to the pre-breaking of the neutral.

SE: control switch-disconnector.

GW49775



GWFIX 100 - QUICK COUPLING CONNECTIONS WITH CABLE FOR MODULAR DEVICES

Code	Description	Type	Suitable for	Modules	Pack. Carton.
RATED CURRENT: 16 A					
GW 49 770	Connection with cable	L1/Neutral	Modular accessories 90 Range	2	1/6
GW 49 771	Connection with cable	L1/L2/L3	Modular accessories 90 Range	2	1/6
GW 49 772	Connection with cable	L1/L2/L3/Neutral	Modular accessories 90 Range	2	1/6
RATED CURRENT: 40 A					
GW 49 773	Connection with cable	L1/Neutral	Modular accessories 90 Range MTHP SD SE	2	1/6
GW 49 774	Connection with cable	L1/L2/L3	Modular accessories 90 Range MTHP SE	2	1/6
GW 49 775	Connection with cable	L1/L2/L3/Neutral	Modular accessories 90 Range MTHP SD SE	2	1/6

NOTE: SE: control switch-disconnector.

GW49789



GWFIX 100 - QUICK COUPLING MODULES WITH VOLTAGES

Code	Description	Type	Modules	Pack. Carton.
POWER SUPPLIES: 100 A 4P WITH CABLE				
GW 49 784	Power supply L=350mm	With cable	2	1/6
POWER SUPPLIES: PARALLEL 100 A 4P WITH CABLE				
GW 49 788	Power supply parallel L=400mm	With cable	2	1/6
GW 49 789	Power supply parallel L=600mm	With cable	2	1/6
POWER SUPPLIES: SINGLE-POLE 100A WITHOUT CABLE				
GW 49 792	N. 10 term. blocks single-pole	L1	1	1/6
GW 49 793	N. 10 term. blocks single-pole	L2	1	1/6
GW 49 794	N. 10 term. blocks single-pole	L3	1	1/6
GW 49 795	N. 10 term. blocks single-pole	Neutral	1	1/6

NOTES: GW49792 - GW49793 - GW49794 - GW49795 connection also suitable for devices In ? 100 A MTHP SE SD and 90 range modular accessories; 1-pole terminal capacity: 35mm².

47 BUSBAR RANGE

47 BUSBAR RANGE

DISTRIBUTION SYSTEMS FOR DISTRIBUTION BOARDS

GW49797



GWFIX 100 - ACCESSORIES

Code	Description	Pack. Carton.
GW 49 797	N. 10 bar cover - 24 mod.	1
GW 49 798	N. 2 bar cover - 36 mod.	1/6

GWFIX 250 - QUICK DIVIDER 250 A FOR MODULAR DEVICES

GW47201



GWFIX 250 - 250 A DIVIDER EQUIPPED WITH CONDUCTOR WITH QUICK-COUPLING TERM FOR MODULAR DEVICE POWER SUPPLY

Code	Max derived current	No. outputs	Modules	For distribution boards	Pack. Carton.
GW 47 201	63 A	12 (4P) o 24 (2P)	24	CVX 160 E	1/5
GW 47 202	63 A	12 (4P) / 24 (2P)	24	CVX 1600	1/5
GW 47 204	63 A	18 (4P) / 36 (2P)	36	CVX 1600	1/5
GW 47 206	63 A	12 (4P) / 24 (2P)	24	CVX 630K / CVX 630M	1
GW 47 207	63 A	18 (4P) / 36 (2P)	36	CVX 630K / CVX 630M	1

ACCESSORIES SUPPLIED: conductors with terminal for quick coupling: length 120mm, nominal section 6mm², rated current In=40A, type H07 VK.

width 24 modules: 12 black conductors, 6 blue conductors;

width 36 modules: 18 black conductors, 12 blue conductors;

CHARACTERISTICS: suitable for installation between panels with windows, 200mm pitch.

GW47215



GWFIX 250 - QUICK COUPLING TERMINAL FOR FLEXIBLE CABLE

Code	Suitable for	Pack. Carton.
GW 47 215	cables 1,5 - 2,5 mm ²	10/100
GW 47 220	cables 4 - 6 mm ²	10/100



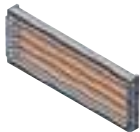
GWFIX 250 - H 07 VK TYPE CONDUCTORS WITH QUICK COUPLING TERMINAL

Code	Section (mm ²)	Colour	Length (mm)	Pack. Carton.
RATED CURRENT: 40 A				
GW 47 211	6	Black	120	10/100
GW 47 213	6	Black	500	10/100
GW 47 226	6	Blue	120	10/100
GW 47 228	6	Blue	500	10/100
RATED CURRENT: 63 A				
GW 47 231	10	Black	120	10/100
GW 47 233	10	Black	500	10/100
GW 47 246	10	Blue	120	10/100
GW 47 248	10	Blue	500	10/100

NOTE: length= 120 mm crimped terminal. Length= 500 mm terminal without stripping.

GWFIX 400 - QUICK DIVIDER FOR MODULAR AND MOULDED CASE DEVICES

GW49601

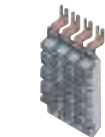


GWFIX 400 - FOUR-POLE 400A FRAMES TO FIX CONNECTION DEDICATED BASE MODULES OF MODULAR AND MOULDED-CASE DEVICES UP TO 250A

Code	Description	Section busbars (mm)	Modules	Pack. Carton.
GW 49 601	Frame with bars	25x5	24	1
GW 49 602	Frame with bars	25x5	36	1

NOTES: 400A supply voltage with special power supply module and installation of devices by means of the relevant basic modules.

GW49603



GWFIX 400 - POWER SUPPLY MODULE

Code	Description	Pack. Carton.
GW 49 603	Module 4P 400A	1

NOTE: connection by pliers for input of four-pole framework from shaped or flat bar system.

The power supplier module also allows the direct connection of the GWFIX 400 system to the bar system located on the bottom of the distribution board.

GW49611



GWFIX 400 - BASE MODULES FOR MODULAR AND MOULD-CASE DEVICES			
Code	Description	Suitable for	Pack. Carton.
RATED CURRENT (A): 16			
GW 49 604	L1-N high with cable	Modular accessories 90 Range	1/12
GW 49 605	L1-L2 high with cable	Modular accessories 90 Range	1/12
RATED CURRENT (A): 40			
GW 49 608	L1 high	MT - MDC -SE	1/12
GW 49 609	L2 high	MT - MDC -SE	1/12
GW 49 610	L3 high	MT - MDC -SE	1/12
GW 49 611	N high	MT - MDC -SE	1/12
GW 49 612	L1-N high with cable	MTC (1P+N/2P)	1/12
GW 49 613	L2-N high with cable	MTC (1P+N/2P)	1/12
GW 49 614	L3-N high with cable	MTC (1P+N/2P)	1/12
GW 49 751	L1 high with cable	PFS (Up to32 A)	1/12
GW 49 752	L2 high with cable	PFS (Up to32 A)	1/12
GW 49 753	L3 high with cable	PFS (Up to32 A)	1/12
GW 49 754	N high with cable	PFS (Up to32 A)	1/12
RATED CURRENT (A): 63			
GW 49 619	L1 high	MT - SE - PFS	1/12
GW 49 620	L2 high	MT - SE - PFS	1/12
GW 49 621	L3 high	MT - SE - PFS	1/12
GW 49 622	N high	MT - SE - PFS	1/12
RATED CURRENT (A): 100			
GW 49 627	L1 high with cable	MTHP - SE	1/12
GW 49 628	L2 high with cable	MTHP - SE	1/12
GW 49 629	L3 high with cable	MTHP - SE	1/12
GW 49 630	N high with cable	MTHP - SE	1/12
RATED CURRENT (A): 160			
GW 49 151	L1 high - L2 low	MTX/M 160c	1/12
GW 49 152	L2 high - L1 low	MTX/M 160c	1/12
GW 49 153	L3 high - N low	MTX/M 160c	1/12
GW 49 154	N high - L3 low	MTX/M 160c	1/12
GW 49 156	L1 high - L2 low	MTX/E 160	1/12
GW 49 157	L2 high - L1 low	MTX/E 160	1/12
GW 49 158	L3 high - N low	MTX/E 160	1/12
GW 49 159	N high - L3 low	MTX/E 160	1/12
RATED CURRENT (A): 250			
GW 49 171	L1 high	MTX/M 250	1/12
GW 49 172	L2 high	MTX/M 250	1/12
GW 49 173	L3 high	MTX/M 250	1/12
GW 49 174	N high	MTX/M 250	1/12
GW 49 175	L1 low	MTX/M 250	1/12
GW 49 176	L2 low	MTX/M 250	1/12
GW 49 177	L3 low	MTX/M 250	1/12
GW 49 178	N low	MTX/M 250	1/12

NOTES: clamp assembly on the four-pole frame busbar.
SE: modular switch-disconnector; PFS: disconnectable fuse-holder.



GWFIX 400 - FRONT PANELS IN PAINTED SHEET WITH DIN PERFORATION			
Code	Dimensions LxH (mm)	For distribution boards	Pack. Carton.
MODULES: 24			
GW 45 381	600x300	CVX 630 M	1
GW 49 503	600x300	CVX 1600	1
MODULES: 36			
GW 45 382	850x300	CVX 630 M	1
GW 49 507	850x300	CVX 1600	1

ACCESSORIES SUPPLIED: fixing accessories.

GW49643



GWFIX 400 - ACCESSORIES			
Code	Description	Modules	Pack. Carton.
GW 49 643	Base Module false pole for BD		1/12
GW 49 644	N. 2 covers IP20	10	1/6
GW 49 646	N. 6 trunking supports		1/6
GW 49 155	False pole clip for MTX/M 160c motor control		1
GW 49 160	False pole clip for MTX/E 160 motor control		1
GW 49 179	False pole clip for BD of MTX/E/M 160c/160/250		1

NOTE: GW 49 179 not suitable for the BD 160c lowered add-on residual current device.

①=May 2010

②=June 2010

③=September 2010

47 BUSBAR RANGE

DISTRIBUTION SYSTEMS FOR DISTRIBUTION BOARDS

GW49650



GWFIX 400 - PAIR OF FIXING SUPPORTS FOR FOUR-POLE 24 AND 36 MODULE FRAMES

Code	For distribution boards	Pack. Carton.
GW 45 539	CVX 630 M	1
GW 49 650	CVX 1600	1

ACCESSORIES SUPPLIED: fixing accessories.

DISTRIBUTION TERMINAL BLOCKS

HORIZONTAL DIVIDER

GW44700



HORIZONTAL FOUR-POLE DIVIDER 250 A WITH PRE-DRILLED THREADED M6 BUSBARS

Code	Dimensions (mm)	No. of modules EN 50022	Installation	Input connecting capacity	Output connecting capacity	lcw (1s)	Pack. Carton.
FOR DISTRIBUTION BOARDS: CVX 630K/630M/1600							
GW 44 700	285x190x70	16	On profile EN 50022	1xM12	10xM6	17 kA	1
FOR DISTRIBUTION BOARDS: CVX 1600							
GW 47 601	600x150x70	24	On functional profile	1xM8+2M6	21xM6	20 kA	1
GW 47 602	850x150x70	36	On functional profile	1xM8+2M6	32xM6	20 kA	1
FOR DISTRIBUTION BOARDS: CVX 630K/630M							
GW 45 541	600x150x70	24	On functional profile	1xM8+2xM6	21xM6	20 kA	1
GW 45 543	850x150x70	36	On functional profile	1xM8+2xM6	32xM6	20 kA	1

CHARACTERISTICS: the connection capacity indicated is "per pole"; possibility of fixing on back-mounting plate too.

ACCESSORIES SUPPLIED: fixing brackets on functional profile. Complete with protection shield and bolts and screws for cable input and output connections.

NOTES: with front panel of a height greater than, or equal to, 200mm.

GW45542



HORIZONTAL, 4-POLE DISTRIBUTING FRAME UP TO 400A WITH PERFORATED, THREADED BUSBARS M6

Code	Dimensions (mm)	No. of modules EN 50022	Installation	Input connecting capacity	Output connecting capacity	lcw (1s)	Pack. Carton.
FOR DISTRIBUTION BOARDS: CVX 630K/630M							
GW 45 542	600x150x70	24	On functional profile	1xM8+2xM6	21xM6	20 kA	1
GW 45 544	850x150x70	36	On functional profile	1xM8+2xM6	32xM6	20 kA	1

CHARACTERISTICS: the connection capacity indicated is "per pole"; possibility of fixing on back-mounting plate too.

ACCESSORIES SUPPLIED: fixing brackets on functional profile. Complete with protection shield and bolts and screws for cable input and output connections.

NOTES: usable with front panel of a height greater than, or equal to, 200mm.

MODULAR DIVIDERS

GW44651



SINGLE-POLE MODULAR DIVIDER TERMINAL BLOCK FIXING ON PLATE OR ON EN 50022 RAIL - IP20

Code	Outer dim. LxHxD (mm)	No. of modules EN 50022	Input connecting capacity	Output connecting capacity	lcw (1s)	Pack. Carton.
RATED CURRENT (A): 160						
GW 44 651	35x92x49	2	1x(10-70) mm ²	6x(2,5-16) mm ²	10 kA	1/5

CHARACTERISTICS: terminal grip torque: cable entering 4Nm, cables exiting 1.5Nm.

APPLICATIONS: possibility to create 1, 2, 3 and 4-pole distributing frames.

GW44652



RIGID JUMPER KIT AND CAP FOR ONE-POLE TERMINAL BLOCK GW44651

Code	Description	Pack. Carton.
GW 44 652	Jumper kit	1/25

GW44691



TWO-POLE MODULAR DIVIDER TERMINAL BLOCKS WITH TRANSPARENT PROTECTION COVER FIXING ON PLATE OR EN 50022 RAIL - 750V - T 85°C

Code	Outer dim. LxHxD (mm)	No. of modules EN 50022	Input connecting capacity	Output connecting capacity	lcw (1s)	Pack. Carton.
RATED CURRENT (A): 100						
GW 44 691	70x49x50	4	1x(6-35) mm ²	[1x(4-25) + 5x(1,5-10)] mm ²	6 kA	2/20
RATED CURRENT (A): 125						
GW 44 693	141x49x50	8	1x(6-35) mm ²	[2x(4-25) + 2x(4-16) + 10x(1,5-10)] mm ²	6 kA	1/10

CHARACTERISTICS: the indicated connection capacity is "per pole" and refers to the fitting of cables with "test prods".

NOTES: products bearing the IMQ quality mark.

GW44696



FOUR-POLE MODULAR DIVIDING TERMINAL BLOCKS WITH TRANSPARENT PROTECTION COVER FIXING ON PLATE OR EN 50022 RAIL - 750V - T 85°C

Code	Outer dim. LxHxD (mm)	No. of modules EN 50022	Input connecting capacity	Output connecting capacity	Icw (1s)	Pack. Carton.
RATED CURRENT (A): 100						
GW 44 696	70x88,5x50	4	1x(6-35) mm ²	[1x(4-25) + 5x(1,5-10)] mm ²	6 kA	2/20
RATED CURRENT (A): 125						
GW 44 698	141x88,5x50	8	1x(6-35) mm ²	[2x(4-25) + 2x(4-16) + 10x(1,5-10)] mm ²	6 kA	1/10
RATED CURRENT (A): 160						
GW 44 699	185x75x135	10	1x(16-50) mm ²	[2x(10-35) + 2x(6-25) + 8x(4-16)] mm ²	10 kA	1/6

CHARACTERISTICS: terminal tightening torque: input cables 4 Nm, output cables 1.5 Nm. The indicated connection capacity is "per pole" and refers to the fitting of cables with "test prods".
NOTES: products bearing the IMQ quality mark.

SHAPED, CONTINUOUS PROFILE BUSBAR DISTRIBUTION SYSTEMS

SHAPED BUSBAR

GW49651

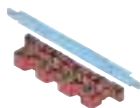


ELECTROLYTIC COPPER SHAPED BUSBARS

Code	Rated current	Length (mm)	Quantity	For distribution boards	Pack. Carton.
GW 49 651	400 A	1730	1	CVX 630M/1600	1
GW 49 652	800 A	1730	1	CVX 630M/1600	1
GW 49 653	1250 A	1730	1	CVX 1600	1
GW 49 654	1600 A	1730	1	CVX 1600	1

BUSBAR HOLDERS FOR SHAPED BUSBARS

GW45577



PAIR OF LINEAR BUSBAR-HOLDERS 400 - 800A - COMPLETE WITH CROSSPIECES FOR SYSTEM WITH VERTICAL, SHAPED BUSBARS FOR CVX 630M DISTRIBUTION BOARDS

Code	Rated current	Max Icw (kA)	Quantity	Section busbars (mm)	Installation	For distribution boards	Pack. Carton.
GW 45 577	400 - 800 A	35	2	20x20	On structure base L=600	CVX 630 M	1
GW 45 578	400 - 800 A	35	2	20x20	On structure base L=850	CVX 630 M	1
GW 45 579	400 - 800 A	35	2	20x20	Structure L=600 (GWFIX 400)	CVX 630 M	1
GW 45 580	400 - 800 A	35	2	20x20	Structure L=850 (GWFIX 400)	CVX 630 M	1

GW45576



PAIR OF GRADUATED BUSBAR-HOLDERS 400 - 800A - COMPLETE WITH CROSSPIECES FOR SYSTEM WITH VERTICAL, SHAPED BUSBARS FOR CVX 630M DISTRIBUTION BOARDS

Code	Rated current	Max Icw (kA)	Quantity	Section busbars (mm)	Installation	For distribution boards	Pack. Carton.
GW 45 575	400 - 800 A	35	2	20x20	On base of int. compartment	CVX 630 M	1
GW 45 576	400 - 800 A	35	2	20x20	On base of out compartment	CVX 630 M	1

GW49656



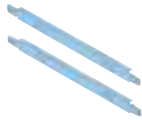
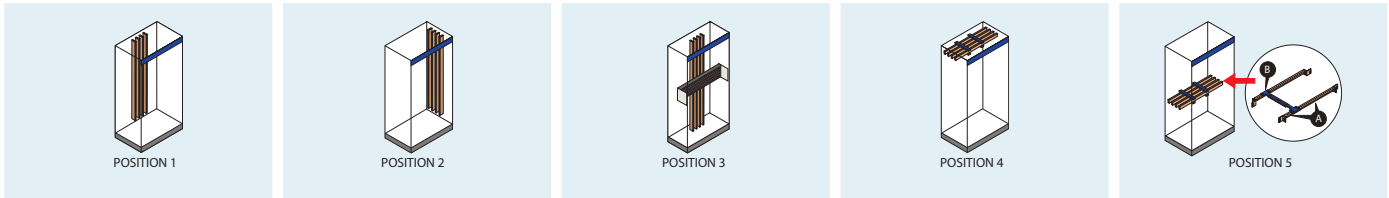
LINEAR AND GRADUATED BUSBAR-HOLDERS 800 - 1600 A FOR SYSTEMS WITH SHAPED PROFILE BUSBARS FOR CVX 1600 DISTRIBUTION BOARDS

Code	Rated current	Max Icw (kA)	Quantity	For distribution boards	Section busbars (mm)	Pack. Carton.
FOR BUSBAR HOLDER: SCALAR						
GW 49 656	800 A	35	1	CVX 1600	20x20	1
GW 49 657	1600 A	75	1	CVX 1600	60x20	1
FOR BUSBAR HOLDER: LINEAR						
GW 49 658	800 A	35	1	CVX 1600	20x20	1
GW 49 659	1600 A	75	1	CVX 1600	60x20	1
GW 49 660	1600 A	65	1	CVX 1600	60x20	1

47 BUSBAR RANGE

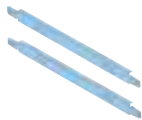
DISTRIBUTION SYSTEMS FOR DISTRIBUTION BOARDS

CROSSPIECES FOR SHAPED BUSBAR SYSTEM FOR DISTRIBUTION BOARDS CVX 1600



PAIR OF SUPPORT CROSSPIECES FOR SHAPED VERTICAL BUSBARS SYSTEMS

Code	Assembly position	For structures (mm)	For busbar holder	Pack. Carton.
BUSBARS: STRUCTURE BOTTOM				
GW 49 701	1	L=400	GW49656 - GW49658	1
GW 49 702	1	L=600	GW49658	1
GW 49 703	1	L=850	GW49658	1
GW 49 704	1	L=400	GW49657 - GW49659 - GW49660	1
GW 49 705	1	L=600	GW49659 - GW49660	1
GW 49 706	1	L=850	GW49659 - GW49660	1
BUSBARS: EXTERNAL COMPARTMENT BOTTOM				
GW 49 708	1	L=300	GW49656 - GW49657	1
BUSBARS: INT./EXT. COMPARTMENT SIDE				
GW 49 710	2	D=400	GW49656	1
GW 49 711	2	D=600	GW49659 - GW49660	1
GW 49 712	2	D=800	GW49657 - GW49659 - GW49660	1
BUSBARS: STRUCTURE SIDE				
GW 49 713	2	D=600 Open frame	GW49660	1
GW 49 714	2	D=600 Closed frame	GW49660	1
GW 49 715	2	D=800 Open frame	GW49657 - GW49659 - GW49660	1
GW 49 716	2	D=800 Closed frame	GW49657 - GW49659 - GW49660	1
BUSBARS: STRUCTURE BOTTOM WITH DIRECT CONNECTION TO GWFIX400				
GW 49 717	3	L=600	GW49658	1
GW 49 718	3	L=850	GW49658	1



PAIR OF SUPPORT CROSSPIECES FOR SHAPED HORIZONTAL BUSBARS SYSTEMS

Code	Assembly position	For structures (mm)	For busbar holder	Pack. Carton.
BUSBARS: HIGH/LOW STRUCTURE OR INT./EXT. COMPARTMENT				
GW 49 711	4	D=600	GW49660	1
GW 49 720	4	D=800	GW49659 - GW49660	1
BUSBARS: HORIZONTAL TO EVERY HEIGHT STRUCTURE				
GW 49 721	5/A	L=400	GW49659 - GW49660	1
GW 49 722	5/A	L=600	GW49659 - GW49660	1
GW 49 723	5/A	L=850	GW49659 - GW49660	1
GW 49 724	5/B	D=600	GW49660	1
GW 49 725	5/B	D=800	GW49659 - GW49660	1

NOTES: GW49721 - GW49722 - GW49723: structures with functional width 850mm with internal cable, use GW49722 + GW49723 or 2 crosspieces GW49722 in combination with the rear upright.

For the choice of the crosspieces, see also the relevant selection tables.

①=May 2010

②=June 2010

③=September 2010

ACCESSORIES FOR SHAPED BUSBARS

GW49666



COPPER JOINTS FOR SHAPED BUSBARS

Code	Description	For busbars	With busbar	Pack. Carton.
GW 49 665	N. 4 joints	Shaped 400/800A	Shaped 400/800/1250/1600A	1
GW 49 666	N. 4 joints	Shaped 1250/1600A	Shaped 1250/1600A	1
GW 49 667	N. 4 joints	Shaped 1250/1600A	Plates 2500/3200A	1
GW 49 668	N. 4 junction joints			1

GW49647



M8 SEALING DRIVE-SCREWS FOR SHAPED BUSBARS

Code	Description	Length (mm)	Suitable for	Pack. Carton.
GW 49 591	N. 12 screws	20	Terminales	1
GW 49 647	N. 12 screws	27	Copper flat up to 10 mm	1
GW 49 648	N. 12 screws	37	Copper flat up to 20 mm	1

ACCESSORIES SUPPLIED: screw cap hoods.

APPLICATIONS: they allow fixing between conductors in any position along the bus-bars.

GW49674



SUPPORT BASES FOR SHAPED BUSBARS

Code	Description	For busbars	Pack. Carton.
GW 49 673	N. 4 support bases	400/800A	1
GW 49 674	N. 4 support bases	1250/1600A	1

APPLICATIONS: carrier support to be placed inside the bar-holder in the final position so as to hold the busbar up in a vertical position.

GW49675



SHAPED BUSBARS ADAPTOR

Code	Description	For busbars	For busbar holder	Pack. Carton.
GW 49 675	N. 4 adaptors	400/800A	GW49657 - GW49659 - GW49660	1

47 BUSBAR RANGE

DISTRIBUTION SYSTEMS FOR DISTRIBUTION BOARDS

FLAT BAR DISTRIBUTION SYSTEMS

FLAT BUS-BAR



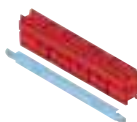
2 FLAT BUSBARS IN PRE-DRILLED ELECTROLYTIC COPPER

Code	Rated current	Section (mm)	Length (mm)	For distribution boards	Pack. Carton.
GW 47 637	400 A	32x5	1750	CVX 1600	1
GW 49 677	630 A	50x5	1750	CVX 1600	1
GW 49 678	800 A	63x5	1750	CVX 1600	1
GW 49 679	1250 A	100x5	1750	CVX 1600	1
GW 49 680	1600 A	100x10	1750	CVX 1600	1
GW 45 551	250 A	20x5	1000	CVX 630K/630M	1
GW 45 552	400 A	25x6	1000	CVX 630K/630M	1
GW 45 553	400 A	30x5	1000	CVX 630K/630M	1
GW 45 554	630 A	30x10	1000	CVX 630K/630M	1
GW 45 555	250 A	20x5	1750	CVX 630K/630M	1
GW 45 556	400 A	25x6	1750	CVX 630K/630M	1
GW 45 557	400 A	30x5	1750	CVX 630K/630M	1
GW 45 558	630 A	30x10	1750	CVX 630K/630M	1

The CVX 630 K busbar are M6 drilled and threaded

BUSBAR-HOLDER FOR FLAT BUSBARS

GW45563

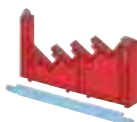


PAIR OF LINEAR BUSBAR-HOLDERS 250 - 630A COMPLETE WITH CROSSPIECES FOR SYSTEM WITH VERTICAL, FLAT BUSBAR FOR CVX 630 K DISTRIBUTION BOARDS

Code	Rated current	Section busbars (mm)	Max Icw (kA)	Installation	For distribution boards	Pack. Carton.
GW 45 563	250 - 400 - 630 A	20x5-30x5-30x10	35	On structure base L=600/850	CVX 630K	1

ACCESSORIES SUPPLIED: Crosspieces and fixing screw to the structure

GW45561



PAIR OF GRADUATED BUSBAR-HOLDERS 250 - 630A - COMPLETE WITH CROSSPIECES FOR SYSTEM WITH VERTICAL, FLAT BUSBARS FOR CVX 630K AND CVX 630M DISTRIBUTION BOARDS

Code	Rated current	Section busbars (mm)	Max Icw (kA)	Installation	For distribution boards	Pack. Carton.
GW 45 561	250 - 400 A	20x5-25x6	20	On base of int. compartment	CVX 630K/M	1
GW 45 562	250 - 400 - 630 A	20x5-30x5-30x10	25	On base of out compartment	CVX 630K/M	1

ACCESSORIES SUPPLIED: Crosspieces and fixing screw to the structure

GW45573



PAIR OF LINEAR BUSBAR-HOLDERS 250 - 630A - COMPLETE WITH CROSSPIECES FOR SYSTEM WITH VERTICAL, FLAT BUSBARS FOR CVX 630M DISTRIBUTION BOARDS

Code	Rated current	Section busbars (mm)	Max Icw (kA)	Installation	For distribution boards	Pack. Carton.
GW 45 573	250 - 400 - 630 A	20x5 - 30x5 - 30x10	35	On structure base L=600	CVX 630 M	1
GW 45 574	250 - 400 - 630 A	20x5 - 30x5 - 30x10	35	On structure base L=850	CVX 630 M	1

ACCESSORIES SUPPLIED: Crosspieces and fixing screw to the structure

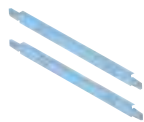
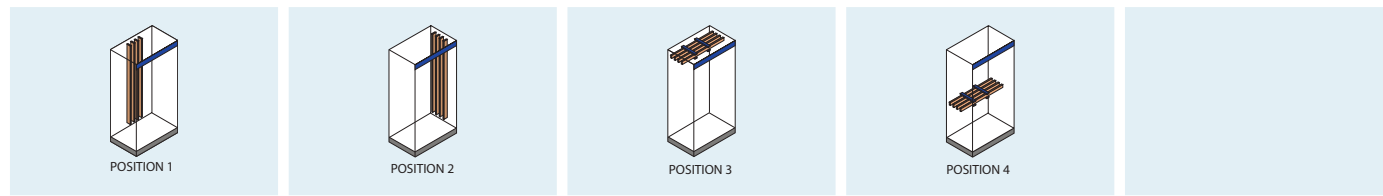
GW49670



PAIR OF BUSBAR-HOLDERS FOR FLAT BUSBAR FOR CVX 1600 DISTRIBUTION BOARDS

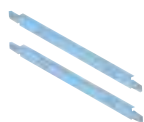
Code	Rated current	For busbars	N. bars for phase	For distribution boards	Pack. Carton.
GW 49 670	400 - 630 - 800 - 1250 A	Thickness 5 (mm)	1	CVX 1600	1
GW 49 671	1600 A	Thickness 10 (mm)	1	CVX 1600	1
GW 49 672	2500 A	Thickness 10 (mm)	2	CVX 1600	1
GW 49 676	3200 A	Thickness 10 (mm)	3	CVX 1600	1

CROSSPIECES FOR FLAT BUSBAR SYSTEM FOR DISTRIBUTION BOARDS CVX 1600



PAIR OF SUPPORT CROSSPIECES FOR VERTICAL FLAT BUSBARS

Code	Assembly position	For structures (mm)	For busbar holder	Pack. Carton.
BUSBARS: STRUCTURE SIDE				
GW 49 733	2	D=600 Open frame	GW49670 - GW49671	1
GW 49 734	2	D=800 Open frame	GW49670 - GW49671 - GW49672 - GW49676	1
GW 49 735	2	D=600 Closed frame	GW49670 - GW49671	1
GW 49 736	2	D=800 Closed frame	GW49670 - GW49671	1
BUSBARS: INT./EXT. COMPARTMENT SIDE				
GW 49 737	2	D=600	GW49670 - GW49671	1
GW 49 738	2	D=800	GW49670 - GW49671	1
BUSBARS: STRUCTURE BOTTOM				
GW 49 731	1	LxD=600x600/800	GW49670 - GW49671	1
GW 49 732	1	LxD=850x600/800	GW49670 - GW49671	1



PAIR OF SUPPORT CROSSPIECES FOR HORIZONTAL FLAT BUSBARS

Code	Assembly position	For structures (mm)	For busbar holder	Pack. Carton.
BUSBARS: HIGH/LOW STRUCTURE OR INT./EXT. COMPARTMENT				
GW 49 749	3	D=600	GW49670 - GW49671	1
GW 49 720	3	D=800	GW49670 - GW49671	1
BUSBARS: HORIZONTAL TO EVERY HEIGHT STRUCTURE				
GW 49 741	4	D=600 Open frame	GW49670 - GW49671	1
GW 49 742	4	D=800 Open frame	GW49670 - GW49671	1
GW 49 743	4	D=600 Closed frame	GW49670 - GW49671	1
GW 49 744	4	D=800 Closed frame	GW49670 - GW49671	1
BUSBARS: HORIZONTAL TO EVERY HEIGHT INT./EXT. COMPARTMENT				
GW 49 739	4	D=600	GW49670 - GW49671	1
GW 49 740	4	D=800	GW49670 - GW49671 - GW49672 - GW49676	1

FLEXIBLE STRAPS

GW47651



PAIR OF FLEXIBLE STRAPS - LENGTH: 2 METRES

Code	Rated current	Section (mm)	Pack. Carton.
GW 47 651	160 A	2x15,5x0,8	1
GW 47 652	250 A	3x20x1	1
GW 47 653	400 A	5x20x1	1
GW 47 654	630 A	5x32x1	1
GW 47 655	1000 A	8x40x1	1
GW 47 656	1250 A	10x50x1	1

CHARACTERISTICS: conductor in electrolytic copper with high resistance compound vinyl insulation (duty voltage 1000 V).
GW47654: only for switches with extended front or rear couplings.

GEWISS



EnergyBloc

Connection systems

IEC 309 PLUGS AND SOCKETS

COMBINED IEC 309

CONNECTORS, SWITCH DISCONNECTORS, ATEX SOLUTIONS

<p>IEC 309 RANGE 247</p> <p>Plugs and sockets to IEC 309 standards</p>		<p>61/63 SL - Industrial socket and plugs with quick wiring and assembly 252</p>		<p>60/61 - Industrial plugs for mobile, surface and flush mounting with screws 254</p>
<p>IB RANGE 277</p> <p>Interlocked socket-outlets to IEC 309 standards</p>		<p>67 IB - Vertical interlocked socket-outlets IP67 282</p>		<p>66 IB - Heavy duty vertical interlock socket-outlets 290</p>
<p>68 Q-DIN RANGE 317</p> <p>Distribution boards</p>		<p>Empty distribution boards for mobile and fixed installations, IP65 320</p>		<p>Wired distribution boards for fixed installations 324</p>
<p>68 ACS RANGE 333</p> <p>ACS distribution board system for construction sites</p>		<p>68 QP ACS - Wired boards with incoming power supply function 336</p>		<p>68 Q-BOX - Wired final distribution boards 337</p>
<p>68 Q-MC 63X RANGE 353</p> <p>Energy and service distribution pedestals in stainless steel</p>		<p>Compact pedestals in stainless steel AISI 316L 356</p>		
<p>68 Q-MC RANGE 361</p> <p>Energy and service distribution pedestals in insulating material</p>		<p>Compact pedestals 366</p>		<p>Standard pedestals 374</p>
<p>70 RT RANGE 381</p> <p>Rotary switches</p>		<p>Surface-mounting insulating rotary switches - IP65 382</p>		<p>Rotary switches for distribution board 383</p> <p>Surface-mounting metal rotary switches - IP65 384</p>
<p>ATEX SOLUTIONS 385</p> <p>Systems for potentially explosive atmospheres</p>		<p>60 ATEX - Standard plugs IEC 309 388</p> <p>67 ATEX - Vertical interlocked socket-outlets 389</p>		<p>70 ATEX - Switch disconnectors in aluminium enclosure 391</p> <p>74 ATEX - Command equipment in box 392</p> <p>76 ATEX - Junction boxes 392</p>
<p>GW Connect RANGE 399</p> <p>Multipolar connectors</p>		<p>Inserts for GW-A range 404</p> <p>Inserts for GW-D range 412</p> <p>Inserts for GW-DD range 421</p> <p>Inserts for GW-E range 427</p> <p>Inserts for GW-EE range 439</p> <p>Inserts for GW-ES range 445</p>		<p>Inserts for GW-EAV range 451</p> <p>Inserts for GW-EHV range 452</p> <p>Inserts for GW-ESHV range 464</p> <p>Inserts for GW-HSB range 469</p> <p>Inserts for GW-K range 471</p> <p>Inserts for GW-Q range 473</p>

	62/63 - Industrial connectors for mobile, surface and flush mounting with screws 262		64 - Industrial and domestic multipliers and adapters 272		IEC 309 RANGE	
	COMBIBLOC - Compact socket-outlets 298		44 IB - Horizontal socket-outlets 302 55 IB - Vertical, IP55 socket-outlets 306		56 IB - Vertical socket-outlets with base base, IP56 314 72 - Fuses for interlocked switched socket-outlets 316	IB RANGE
	Empty distribution boards for mobile and fixed installations, IP55 327		Wired distribution boards for fixed installations 331		68 Q-DIN RANGE	
	68 Q-DIN - Wired boards 341		68 Q-MC - Wired terminals 346 Components for the ACS Predetermined Construction System 347		Multifunctional floodlights 351 Luminous indicator devices 351	68 ACS RANGE
					68 Q-MC 63X RANGE	
	High capacity pedestals 376				68 Q-MC RANGE	
					70 RT RANGE	
	52/76 ATEX - Accessories in insulating and metal material 393		ZNT ATEX Professional luminaires 395 URANO ATEX - Compact asymmetrical floodlights 396		TITANO ATEX - Medium-power floodlights 396 HALLE ATEX - Watertight suspension high bays 397	ATEX SOLUTIONS
	Contacts for inserts 478 Accessories for inserts 481		Housings 21x21cm 483 Housings 32x13cm 491 Housings 49x16cm - 66x16cm 495 Housings 66x40cm 501 Housings 44x27cm - 57x27cm - 77x27cm - 104x27cm - 77x62cm - 104x62cm 507		Accessories for housings 546 Complete connectors 551 Junction boxes 553 ATEX - Junction boxes 555 ATEX - Accessories 556	GW CONNECT RANGE

IEC 309 range

Plugs and sockets IEC 309 standards

Industrial sockets and plugs from 16 to 125A in mobile, fixed, surface- and flush-mounting versions with IP44 and 67 protection degree.

- Resistance to atmospheric and chemical agents.
- Quick wiring and assembly versions: insulation puncture and screwless wire connection.
- Multipliers and adaptors with various current and poles.












IEC 309 RANGE

PLUGS AND SOCKETS IEC 309 STANDARDS

IEC 309 RANGE

16A AND 32A LOW VOLTAGE INDUSTRIAL PLUGS AND SOCKET-OUTLETS TO IEC 309 STANDARDS

Rated current In (A)	Rated voltage Un (V)	No. poles	Reference h.												
				IP 44	IP 67	IP 44	IP 67	IP 44	IP 67	IP 44	IP 67	IP 44	IP 67	IP 44	IP 67
				Quick mounting and wiring plugs	Quick mounting and wiring plugs	Straight plugs	Straight plugs	90° plugs	90° plugs	Straight flush mounting inlets	Straight flush mounting inlets	90° flush mounting inlets	90° flush mounting inlets		
16	110 110 - 130	2P + $\frac{1}{2}$	4	GW 61 001	GW 61 023	GW 60 001	GW 60 023	GW 60 082	GW 60 105	GW 60 201	GW 60 223	GW 60 401	GW 60 423		
		3P + $\frac{1}{2}$	4	GW 61 002	GW 61 024	GW 60 002	GW 60 024	GW 60 083	GW 60 106	GW 60 202	GW 60 224	GW 60 402	GW 60 424		
		3P + N + $\frac{1}{2}$	4	GW 61 003	GW 61 025	GW 60 003	GW 60 025	GW 60 084	GW 60 107	GW 60 203	GW 60 225	GW 60 403	GW 60 425		
	230 200 - 250	2P + $\frac{1}{2}$	6	GW 61 004	GW 61 026	GW 60 004	GW 60 026	GW 60 085	GW 60 108	GW 60 204	GW 60 226	GW 60 404	GW 60 426		
		3P + $\frac{1}{2}$	9	GW 61 005	GW 61 027	GW 60 005	GW 60 027	GW 60 086	GW 60 109	GW 60 205	GW 60 227	GW 60 405	GW 60 427		
		3P + N + $\frac{1}{2}$	9	GW 61 006	GW 61 028	GW 60 006	GW 60 028	GW 60 087	GW 60 110	GW 60 206	GW 60 228	GW 60 406	GW 60 428		
	400 380 - 415	2P + $\frac{1}{2}$	9	GW 61 007	GW 61 029	GW 60 007	GW 60 029	GW 60 088	GW 60 111	GW 60 207	GW 60 229	GW 60 407	GW 60 429		
		3P + $\frac{1}{2}$	6	GW 61 008	GW 61 030	GW 60 008	GW 60 030	GW 60 089	GW 60 112	GW 60 208	GW 60 230	GW 60 408	GW 60 430		
		3P + N + $\frac{1}{2}$	6	GW 61 009	GW 61 031	GW 60 009	GW 60 031	GW 60 090	GW 60 113	GW 60 209	GW 60 231	GW 60 409	GW 60 431		
	500 480 - 500	3P + $\frac{1}{2}$	7	GW 61 010	GW 61 032	GW 60 010	GW 60 032	GW 60 091	GW 60 114	GW 60 210	GW 60 232	GW 60 410	GW 60 432		
		3P + N + $\frac{1}{2}$	7	GW 61 011	GW 61 033	GW 60 011	GW 60 033	GW 60 092	GW 60 115	GW 60 211	GW 60 233	GW 60 411	GW 60 433		
	32	110 110 - 130	2P +	4			GW 60 012	GW 60 034	GW 60 093	GW 60 116	GW 60 212	GW 60 234	GW 60 412	GW 60 434	
3P + $\frac{1}{2}$			4			GW 60 013	GW 60 035	GW 60 094	GW 60 117	GW 60 213	GW 60 235	GW 60 413	GW 60 435		
3P + N + $\frac{1}{2}$			4			GW 60 014	GW 60 036	GW 60 095	GW 60 118	GW 60 214	GW 60 236	GW 60 414	GW 60 436		
230 200 - 250		2P + $\frac{1}{2}$	6			GW 60 015	GW 60 037	GW 60 096	GW 60 119	GW 60 215	GW 60 237	GW 60 415	GW 60 437		
		3P + $\frac{1}{2}$	9			GW 60 016	GW 60 038	GW 60 097	GW 60 120	GW 60 216	GW 60 238	GW 60 416	GW 60 438		
		3P + N + $\frac{1}{2}$	9			GW 60 017	GW 60 039	GW 60 098	GW 60 121	GW 60 217	GW 60 239	GW 60 417	GW 60 439		
400 380 - 415		2P + $\frac{1}{2}$	9			GW 60 018	GW 60 040	GW 60 099	GW 60 122	GW 60 218	GW 60 240	GW 60 418	GW 60 440		
		3P + $\frac{1}{2}$	6			GW 60 019	GW 60 041	GW 60 101	GW 60 123	GW 60 219	GW 60 241	GW 60 419	GW 60 441		
		3P + N + $\frac{1}{2}$	6			GW 60 020	GW 60 042	GW 60 102	GW 60 124	GW 60 220	GW 60 242	GW 60 420	GW 60 442		
500 480 - 500		3P + $\frac{1}{2}$	7			GW 60 021	GW 60 043	GW 60 103	GW 60 125	GW 60 221	GW 60 243	GW 60 421	GW 60 443		
		3P + N + $\frac{1}{2}$	7			GW 60 022	GW 60 044	GW 60 104	GW 60 126	GW 60 222	GW 60 244	GW 60 422	GW 60 444		
380 / 440		3P + $\frac{1}{2}$	3				GW 60 145		GW 60 146		GW 60 268		GW 60 482		

63A AND 125A LOW VOLTAGE INDUSTRIAL PLUGS AND SOCKET-OUTLETS TO IEC 309 STANDARDS

Rated current In (A)	Rated voltage Un (V)	No. poles	Reference h.						
				Straight plugs	90° flush mounting inlets	Straight connectors	10° receptacles	10° surface mounting sockets	90° surface mounting sockets
				IP 67	IP 67	IP 67	IP 67	IP 67	IP 67
63	110 110 - 130	2P + $\frac{1}{2}$	4	GW 61 045	GW 61 445	GW 63 045	GW 63 246	GW 63 445	GW 63 519
		3P + $\frac{1}{2}$	4	GW 61 046	GW 61 446	GW 63 046	GW 63 247	GW 63 446	GW 63 520
		3P + N + $\frac{1}{2}$	4	GW 61 047	GW 61 447	GW 63 047	GW 63 248	GW 63 447	GW 63 521
	230 200 - 250	2P + $\frac{1}{2}$	6	GW 61 048	GW 61 448	GW 63 048	GW 63 249	GW 63 448	GW 63 522
		3P + $\frac{1}{2}$	9	GW 61 049	GW 61 449	GW 63 049	GW 63 250	GW 63 449	GW 63 523
		3P + N + $\frac{1}{2}$	9	GW 61 050	GW 61 450	GW 63 050	GW 63 251	GW 63 450	GW 63 524
	400 380 - 415	2P + $\frac{1}{2}$	9	GW 61 051	GW 61 451	GW 63 051	GW 63 252	GW 63 451	GW 63 525
		3P + $\frac{1}{2}$	6	GW 61 052	GW 61 452	GW 63 052	GW 63 253	GW 63 452	GW 63 526
		3P + N + $\frac{1}{2}$	6	GW 61 053	GW 61 453	GW 63 053	GW 63 254	GW 63 453	GW 63 527
	500 480 - 500	3P + $\frac{1}{2}$	7	GW 61 054	GW 61 454	GW 63 054	GW 63 255	GW 63 454	GW 63 528
		3P + N + $\frac{1}{2}$	7	GW 61 055	GW 61 455	GW 63 055	GW 63 256	GW 63 455	GW 63 529
	125	110 110 - 130	3P + $\frac{1}{2}$	4	GW 60 056	GW 60 456	GW 62 056	GW 62 257	
3P + N + $\frac{1}{2}$			4	GW 60 057	GW 60 457	GW 62 057	GW 62 258		GW 62 531
230 200 - 250		3P + $\frac{1}{2}$	9	GW 60 058	GW 60 458	GW 62 058	GW 62 259		GW 62 532
		3P + N + $\frac{1}{2}$	9	GW 60 059	GW 60 459	GW 62 059	GW 62 260		GW 62 533
400 380 - 415		3P + $\frac{1}{2}$	6	GW 60 060	GW 60 460	GW 62 060	GW 62 261		GW 62 534
		3P + N + $\frac{1}{2}$	6	GW 60 061	GW 60 461	GW 62 061	GW 62 262		GW 62 535
500 480 - 500	3P + $\frac{1}{2}$	7	GW 60 062	GW 66 462	GW 62 062	GW 62 263		GW 62 536	
	3P + N + $\frac{1}{2}$	7	GW 60 063	GW 60 463	GW 62 063	GW 62 264		GW 62 537	

Quick mounting and wiring connectors	Quick mounting and wiring connectors	Straight connectors	Straight connectors	90° connectors	90° connectors	10° receptacles	10° receptacles	10° surface mounting sockets	10° surface mounting sockets	90° surface mounting sockets	90° surface mounting sockets
IP 44	IP 67	IP 44	IP 67	IP 44	IP 67	IP 44	IP 67	IP 44	IP 67	IP 44	IP 67
GW 63 001	GW 63 023	GW 62 001	GW 62 023	GW 62 082	GW 62 105	GW 62 201	GW 62 224	GW 62 401	GW 62 423	GW 62 474	GW 62 496
GW 63 002	GW 63 024	GW 62 002	GW 62 024	GW 62 083	GW 62 106	GW 62 202	GW 62 225	GW 62 402	GW 62 424	GW 62 475	GW 62 497
GW 63 003	GW 63 025	GW 62 003	GW 62 025	GW 62 084	GW 62 107	GW 62 203	GW 62 226	GW 62 403	GW 62 425	GW 62 476	GW 62 498
GW 63 004	GW 63 026	GW 62 004	GW 62 026	GW 62 085	GW 62 108	GW 62 204*/205	GW 62 227	GW 62 404	GW 62 426	GW 62 477	GW 62 499
GW 63 005	GW 63 027	GW 62 005	GW 62 027	GW 62 086	GW 62 109	GW 62 206	GW 62 228	GW 62 405	GW 62 427	GW 62 478	GW 62 501
GW 63 006	GW 63 028	GW 62 006	GW 62 028	GW 62 087	GW 62 110	GW 62 207	GW 62 229	GW 62 406	GW 62 428	GW 62 479	GW 62 502
GW 63 007	GW 63 029	GW 62 007	GW 62 029	GW 62 088	GW 62 111	GW 62 208	GW 62 230	GW 62 407	GW 62 429	GW 62 480	GW 62 503
GW 63 008	GW 63 030	GW 62 008	GW 62 030	GW 62 089	GW 62 112	GW 62 209	GW 62 231	GW 62 408	GW 62 430	GW 62 481	GW 62 504
GW 63 009	GW 63 031	GW 62 009	GW 62 031	GW 62 090	GW 62 113	GW 62 210	GW 62 232	GW 62 409	GW 62 431	GW 62 482	GW 62 505
GW 63 010	GW 63 032	GW 62 010	GW 62 032	GW 62 091	GW 62 114	GW 62 211	GW 62 233	GW 62 410	GW 62 432	GW 62 483	GW 62 506
GW 63 011	GW 63 033	GW 62 011	GW 62 033	GW 62 092	GW 62 115	GW 62 212	GW 62 234	GW 62 411	GW 62 433	GW 62 484	GW 62 507
		GW 62 012	GW 62 034	GW 62 093	GW 62 116	GW 62 213	GW 62 235	GW 62 412	GW 62 434	GW 62 485	GW 62 508
		GW 62 013	GW 62 035	GW 62 094	GW 62 117	GW 62 214	GW 62 236	GW 62 413	GW 62 435	GW 62 486	GW 62 509
		GW 62 014	GW 62 036	GW 62 095	GW 62 118	GW 62 215	GW 62 237	GW 62 414	GW 62 436	GW 62 487	GW 62 510
		GW 62 015	GW 62 037	GW 62 096	GW 62 119	GW 62 216	GW 62 238	GW 62 415	GW 62 437	GW 62 488	GW 62 511
		GW 62 016	GW 62 038	GW 62 097	GW 62 120	GW 62 217	GW 62 239	GW 62 416	GW 62 438	GW 62 489	GW 62 512
		GW 62 017	GW 62 039	GW 62 098	GW 62 121	GW 62 218	GW 62 240	GW 62 417	GW 62 439	GW 62 490	GW 62 513
		GW 62 018	GW 62 040	GW 62 099	GW 62 122	GW 62 219	GW 62 241	GW 62 418	GW 62 440	GW 62 491	GW 62 514
		GW 62 019	GW 62 041	GW 62 101	GW 62 123	GW 62 220	GW 62 242	GW 62 419	GW 62 441	GW 62 492	GW 62 515
		GW 62 020	GW 62 042	GW 62 102	GW 62 124	GW 62 221	GW 62 243	GW 62 420	GW 62 442	GW 62 493	GW 62 516
		GW 62 021	GW 62 043	GW 62 103	GW 62 125	GW 62 222	GW 62 244	GW 62 421	GW 62 443	GW 62 494	GW 62 517
		GW 62 022	GW 62 044	GW 62 104	GW 62 126	GW 62 223	GW 62 245	GW 62 422	GW 62 444	GW 62 495	GW 62 518
			GW 62 128		GW 62 127		GW 62 283		GW 62 556		GW 62 557

*APPLICATION: GW 62 204, cap of reduced dimensions (62 x 62mm) for use in restricted spaces.



16A AND 32A LOW-VOLTAGE INDUSTRIAL PLUGS AND SOCKET-OUTLETS TO IEC 309 STANDARDS


Rated current In (A)	Rated voltage Un (V)	No. poles	Reference h.	Frequency (Hz)									
					Straight plugs	90° plugs	Straight flush mounting inlets	90° flush mounting inlets	Straight connectors	10° receptacles	10° receptacles	10° surface mounting sockets	90° surface mounting sockets
					IP 44	IP 44	IP 44	IP 44	IP 44	IP 44	IP 67	IP 44	IP 44
16	24 (20-25)	2P	s.r.	50 / 60	GW 60 064	GW 60 127	GW 60 245	GW 60 464	GW 62 064	GW 62 265	GW 62 365	GW 62 456	GW 62 538
		3P	s.r.	50 / 60	GW 60 065	GW 60 128	GW 60 246	GW 60 465	GW 62 065	GW 62 266	GW 62 366	GW 62 457	GW 62 539
	42 (40-50)	2P	12	50 / 60	GW 60 066	GW 60 129	GW 60 247	GW 60 466	GW 62 066	GW 62 267		GW 62 458	GW 62 540
		3P	12	50 / 60	GW 60 067	GW 60 130	GW 60 248	GW 60 467	GW 62 067	GW 62 268		GW 62 459	GW 62 541
	24 (20-25) E 42 (40-50)	2P	4	100-200	GW 60 068	GW 60 131	GW 60 249	GW 60 468	GW 62 068	GW 62 269		GW 62 460	GW 62 542
		3P	4	100-200	GW 60 069	GW 60 132	GW 60 250	GW 60 469	GW 62 069	GW 62 270		GW 62 461	GW 62 543
		2P	11	401-500	GW 60 070	GW 60 133	GW 60 251	GW 60 470	GW 62 070	GW 62 271		GW 62 462	GW 62 544
		3P	11	401-500	GW 60 071	GW 60 134	GW 60 252	GW 60 471	GW 62 071	GW 62 272		GW 62 463	GW 62 545
32	24 (20-25)	2P	s.r.	50 / 60	GW 60 073	GW 60 136	GW 60 254	GW 60 473	GW 62 073	GW 62 274		GW 62 465	GW 62 547
		3P	s.r.	50 / 60	GW 60 074	GW 60 137	GW 60 255	GW 60 474	GW 62 074	GW 62 275		GW 62 466	GW 62 548
	42 (40-50)	2P	12	50 / 60	GW 60 075	GW 60 138	GW 60 256	GW 60 475	GW 62 075	GW 62 276		GW 62 467	GW 62 549
		3P	12	50 / 60	GW 60 076	GW 60 139	GW 60 257	GW 60 476	GW 62 076	GW 62 277		GW 62 468	GW 62 550
	24 (20-25) E 42 (40-50)	2P	4	100-200	GW 60 077	GW 60 140	GW 60 258	GW 60 477	GW 62 077	GW 62 278		GW 62 469	GW 62 551
		3P	4	100-200	GW 60 078	GW 60 141	GW 60 259	GW 60 478	GW 62 078	GW 62 279		GW 62 470	GW 62 552
		2P	11	401-500	GW 60 079	GW 60 142	GW 60 260	GW 60 479	GW 62 079	GW 62 280		GW 62 471	GW 62 553
		3P	11	401-500	GW 60 080	GW 60 143	GW 60 261	GW 60 480	GW 62 080	GW 62 281		GW 62 472	GW 62 554
(20-25) - (40-50)	2P	10	cc	GW 60 081	GW 60 144	GW 60 262	GW 60 481	GW 62 081	GW 62 282		GW 62 473	GW 62 555	

IEC 309 RANGE

PLUGS AND SOCKETS IEC 309 STANDARDS

IEC 309 RANGE

		MULTIPLE SOCKET COUPLERS						
		INPUT				OUTPUTS		
	Rated current In (A)	Rated voltage Un (V)	No. poles	Ref. h	No. 2 socket-outlets, 16A	No. 3 socket-outlets, 16A	No. 3 socket-outlets, 32A	
	Without cable	16	110 110 - 130	2P+ $\frac{\perp}{\perp}$	4	GW 64 008		
				2P+ $\frac{\perp}{\perp}$	4		GW 64 022	
				3P+ $\frac{\perp}{\perp}$	4			
			3P+ $\frac{\perp}{\perp}$	4		GW 64 023		
			230 200 - 250	2P+ $\frac{\perp}{\perp}$	6	GW 64 010		
				3P+ $\frac{\perp}{\perp}$	6		GW 64 024	
				3P+ $\frac{\perp}{\perp}$	6	GW 64 011		
				3P+ $\frac{\perp}{\perp}$	6		GW 64 025	
				3P+N+ $\frac{\perp}{\perp}$	9	GW 64 012		
		3P+N+ $\frac{\perp}{\perp}$	9		GW 64 026			
		400 380 - 415	3P+ $\frac{\perp}{\perp}$	9	GW 64 013			
			3P+N+ $\frac{\perp}{\perp}$	6		GW 64 027		
			3P+N+ $\frac{\perp}{\perp}$	6	GW 64 014			
		3P+N+ $\frac{\perp}{\perp}$	6		GW 64 028			
32	400 / 380 - 415	3P+ $\frac{\perp}{\perp}$	6			GW 64 068		
	With cable	16	110 / 110 - 130	2P+ $\frac{\perp}{\perp}$	4		GW 64 050	
			230 / 200 - 250	2P+ $\frac{\perp}{\perp}$	6		GW 64 052	
			400 380 - 415	3P+ $\frac{\perp}{\perp}$	6		GW 64 055	
				3P+ $\frac{\perp}{\perp}$	6		GW 64 056	

		MULTIPLE-SOCKET-ADAPTORS							
		INPUT				OUTPUTS			
	Rated current In (A)	Rated voltage Un (V)	No. poles	Ref. h	3 sockets-outlets			Code	
					2P+ $\frac{\perp}{\perp}$ 230 V~	3P+ $\frac{\perp}{\perp}$ 400 V~	3P+N $\frac{\perp}{\perp}$ 400 V~		
	16	400 380 - 415	3P+N+ $\frac{\perp}{\perp}$	6	2x16A		1x16A	GW 64 059	
					1x16A	1x16A	1x16A	GW 64 060	
	32	400 380 - 415	3P+N+ $\frac{\perp}{\perp}$	6	230 / 200 - 250	2P+ $\frac{\perp}{\perp}$	6	3x16A	GW 64 062
					1x16A	1x16A	1x16A	GW 64 063	
					2x16A		1x32A	GW 64 064	
					1x32A	1x32A	1x32A	GW 64 061	
	63	400 / 380 - 415	3P+N+ $\frac{\perp}{\perp}$	6	2x32A		1x63A	GW 64 065	

SYSTEM ADAPTORS												
INPUT					DOMESTIC SOCKET-OUTLET					INDUSTRIAL SOCKET-OUTLET		
	Rated current In (A)	Rated Voltage Un (V~)	No. poles	Ref. h	No. 2 outputs 2P+⊥ 16A dual amp. (P17/P11)	No. 1 output 2P+⊥ 16A dual amp. (P30/P17)	No. 1 output 2P+⊥ 10/16A German std.	No. 1 output 2P+⊥ 16A French std.	No. 1 output 2P+⊥ 13A English std.	2P+⊥ 16A 230V 6h		
	16	230 200 - 250	2P+⊥	6	GW 64 211							
						GW 64 212						
							GW 64 210					
								GW 64 203				
									GW 64 204			
GW 64 206 fitted for other combinations												
		400 380 - 415	3P+N+⊥	6	GW 64 216							
						GW 64 217						
					GW 64 207 fitted for other combinations							
Domestic sockets										2P+⊥ 16A 250V S17		GW 64 208
										2P+⊥ 16A 250V German/French Standard		GW 64 209

SYSTEM BRANCHED ADAPTORS											
INPUT					OUTPUT			Code			
	Rated current In (A)	Rated Voltage Un (V~)	No. poles	Ref. h	INDUSTRIAL	DOMESTIC					
					IEC 309	No. 2 socket-outlets 2P+⊥ 16A dual amp. (P17/P11)	No. 1 socket-outlet 2P+⊥ 16A dual amp. (P30/P17)	No. 2 socket-outlets 2P+⊥ 16A dual amp. (P17/P11) No. 1 socket-outlet 2P+⊥ 16A dual amp. (P30/P17)			
	16	230 200 - 250	2P+⊥	6	•	•			GW 64 221		
					•		•			GW 64 222	
					•	Fitted for No. 2 SYSTEM modules					GW 64 223
					•			•			GW 64 231
					•	Fitted for No. 2+2 SYSTEM modules					GW 64 232
		400 380 - 415	3P+N+⊥	6	•			•	GW 64 236		
					•	Fitted for No. 2+2 SYSTEM modules					GW 64 237
					•			•		GW 64 256	
					•			•		GW 64 263	
Cable with domestic plug					2P+⊥ 16A - 230V			•	GW 64 263		
Fitted for cable and plug					2P+⊥ 16A - 230V	Fitted for No. 2+2 SYSTEM modules			GW 64 265		

Important notice: the range of multiple-outlet sockets, adapters and shunts should be considered an integral part of the electrical system, since they are products suitable only for temporary, trailing installations and connections, and not for permanent applications. Furthermore, the range cannot be used in areas with a fire hazard.

61 SL - STANDARD PLUGS - QUICK WIRING AND MOUNTING

IEC 309 RANGE

IP44

GW61004



LOW VOLTAGE QUICK MOUNTING AND WIRING STANDARD PLUGS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 61 001	2P+E	110 V	Yellow	4	40
GW 61 002	3P+E	110 V	Yellow	4	20
GW 61 003	3P+N+E	110 V	Yellow	4	16
GW 61 004	2P+E	230 V	Blue	6	40
GW 61 005	3P+E	230 V	Blue	9	40
GW 61 006	3P+N+E	230 V	Blue	9	16
GW 61 007	2P+E	400 V	Red	9	20
GW 61 008	3P+E	400 V	Red	6	40
GW 61 009	3P+N+E	400 V	Red	6	32
GW 61 010	3P+E	500 V	Black	7	20
GW 61 011	3P+N+E	500 V	Black	7	16

NOTE: all products are packaged individually.

IP67

GW61026



LOW VOLTAGE QUICK MOUNTING AND WIRING STANDARD PLUGS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 61 023	2P+E	110 V	Yellow	4	20
GW 61 024	3P+E	110 V	Yellow	4	12
GW 61 025	3P+N+E	110 V	Yellow	4	12
GW 61 026	2P+E	230 V	Blue	6	40
GW 61 027	3P+E	230 V	Blue	9	12
GW 61 028	3P+N+E	230 V	Blue	9	12
GW 61 029	2P+E	400 V	Red	9	20
GW 61 030	3P+E	400 V	Red	6	24
GW 61 031	3P+N+E	400 V	Red	6	24
GW 61 032	3P+E	500 V	Black	7	12
GW 61 033	3P+N+E	500 V	Black	7	12

NOTE: all products are packaged individually.

63 SL - STANDARD CONNECTORS - QUICK WIRING AND MOUNTING

IP44

GW63004



LOW VOLTAGE QUICK MOUNTING AND WIRING STANDARD CONNECTORS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 63 001	2P+E	110 V	Yellow	4	20
GW 63 002	3P+E	110 V	Yellow	4	20
GW 63 003	3P+N+E	110 V	Yellow	4	16
GW 63 004	2P+E	230 V	Blue	6	40
GW 63 005	3P+E	230 V	Blue	9	20
GW 63 006	3P+N+E	230 V	Blue	9	16
GW 63 007	2P+E	400 V	Red	9	20
GW 63 008	3P+E	400 V	Red	6	40
GW 63 009	3P+N+E	400 V	Red	6	32
GW 63 010	3P+E	500 V	Black	7	20
GW 63 011	3P+N+E	500 V	Black	7	16

NOTE: all products are packaged individually.

IP67

GW63026



LOW VOLTAGE QUICK MOUNTING AND WIRING STANDARD CONNECTORS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 63 023	2P+E	110 V	Yellow	4	16
GW 63 024	3P+E	110 V	Yellow	4	12
GW 63 025	3P+N+E	110 V	Yellow	4	12
GW 63 026	2P+E	230 V	Blue	6	32
GW 63 027	3P+E	230 V	Blue	9	12
GW 63 028	3P+N+E	230 V	Blue	9	12
GW 63 029	2P+E	400 V	Red	9	16
GW 63 030	3P+E	400 V	Red	6	24
GW 63 031	3P+N+E	400 V	Red	6	24
GW 63 032	3P+E	500 V	Black	7	12
GW 63 033	3P+N+E	500 V	Black	7	12

NOTE: all products are packaged individually.

60/61 - STANDARD PLUGS WITH SCREWS

IP44

GW60004



LOW VOLTAGE STANDARD PLUGS - 50/60 HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 60 001	2P+E	110 V	Yellow	4	10/40
GW 60 002	3P+E	110 V	Yellow	4	10/20
GW 60 003	3P+N+E	110 V	Yellow	4	10/20
GW 60 004	2P+E	230 V	Blue	6	10/100
GW 60 005	3P+E	230 V	Blue	9	10/40
GW 60 006	3P+N+E	230 V	Blue	9	10/20
GW 60 007	2P+E	400 V	Red	9	10/20
GW 60 008	3P+E	400 V	Red	6	10/100
GW 60 009	3P+N+E	400 V	Red	6	10/40
GW 60 010	3P+E	500 V	Black	7	10/20
GW 60 011	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 60 012	2P+E	110 V	Yellow	4	8/16
GW 60 013	3P+E	110 V	Yellow	4	8/16
GW 60 014	3P+N+E	110 V	Yellow	4	8/16
GW 60 015	2P+E	230 V	Blue	6	8/32
GW 60 016	3P+E	230 V	Blue	9	8/16
GW 60 017	3P+N+E	230 V	Blue	9	8/16
GW 60 018	2P+E	400 V	Red	9	8/16
GW 60 019	3P+E	400 V	Red	6	8/32
GW 60 020	3P+N+E	400 V	Red	6	8/32
GW 60 021	3P+E	500 V	Black	7	8/16
GW 60 022	3P+N+E	500 V	Black	7	8/16

GW60064



EXTRA LOW VOLTAGE STANDARD PLUGS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 60 064	2P	24 V	Violet	50 - 60 Hz	n.r.	10/40
GW 60 065	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 60 066	2P	42 V	White	50 - 60 Hz	12	10/20
GW 60 067	3P	42 V	White	50 - 60 Hz	12	10/20
GW 60 068	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 069	3P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 070	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 071	3P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 072	2P	24 - 42 V	White	d.c.	10	10/20
RATED CURRENT (A): 32						
GW 60 073	2P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 60 074	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 60 075	2P	42 V	White	50 - 60 Hz	12	10/20
GW 60 076	3P	42 V	White	50 - 60 Hz	12	10/20
GW 60 077	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 078	3P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 079	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 080	3P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 081	2P	24 - 42 V	White	d.c.	10	10/20

IP67

GW60030



LOW VOLTAGE STANDARD PLUGS - 50/60 HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 60 023	2P+E	110 V	Yellow	4	10/20
GW 60 024	3P+E	110 V	Yellow	4	10/20
GW 60 025	3P+N+E	110 V	Yellow	4	10/20
GW 60 026	2P+E	230 V	Blue	6	10/40
GW 60 027	3P+E	230 V	Blue	9	10/20
GW 60 028	3P+N+E	230 V	Blue	9	10/20
GW 60 029	2P+E	400 V	Red	9	10/20
GW 60 030	3P+E	400 V	Red	6	10/40
GW 60 031	3P+N+E	400 V	Red	6	10/40
GW 60 032	3P+E	500 V	Black	7	10/20
GW 60 033	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 60 034	2P+E	110 V	Yellow	4	8/16
GW 60 035	3P+E	110 V	Yellow	4	8/16
GW 60 036	3P+N+E	110 V	Yellow	4	8/16
GW 60 037	2P+E	230 V	Blue	6	8/16
GW 60 038	3P+E	230 V	Blue	9	8/16
GW 60 039	3P+N+E	230 V	Blue	9	8/16
GW 60 040	2P+E	400 V	Red	9	8/16
GW 60 041	3P+E	400 V	Red	6	8/16
GW 60 042	3P+N+E	400 V	Red	6	8/16
GW 60 043	3P+E	500 V	Black	7	8/16
GW 60 044	3P+N+E	500 V	Black	7	8/16
GW 60 145	3P+E	380 - 440 V	Red	3	8/16
RATED CURRENT (A): 63					
GW 61 045	2P+E	110 V	Yellow	4	2/4
GW 61 046	3P+E	110 V	Yellow	4	2/4
GW 61 047	3P+N+E	110 V	Yellow	4	2/4
GW 61 048	2P+E	230 V	Blue	6	2/4
GW 61 049	3P+E	230 V	Blue	9	2/4
GW 61 050	3P+N+E	230 V	Blue	9	2/4
GW 61 051	2P+E	400 V	Red	9	2/4
GW 61 052	3P+E	400 V	Red	6	2/4
GW 61 053	3P+N+E	400 V	Red	6	2/4
GW 61 054	3P+E	500 V	Black	7	2/4
GW 61 055	3P+N+E	500 V	Black	7	2/4
RATED CURRENT (A): 125					
GW 60 056	3P+E	110 V	Yellow	4	1/2
GW 60 057	3P+N+E	110 V	Yellow	4	1/2
GW 60 058	3P+E	230 V	Blue	9	1/2
GW 60 059	3P+N+E	230 V	Blue	9	1/2
GW 60 060	3P+E	400 V	Red	6	1/2
GW 60 061	3P+N+E	400 V	Red	6	1/2
GW 60 062	3P+E	500 V	Black	7	1/2
GW 60 063	3P+N+E	500 V	Black	7	1/2

60 - 90° PLUGS

IP44

GW60085



LOW VOLTAGE 90° PLUGS - 50/60 HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 60 082	2P+E	110 V	Yellow	4	10/40
GW 60 083	3P+E	110 V	Yellow	4	10/20
GW 60 084	3P+N+E	110 V	Yellow	4	10/20
GW 60 085	2P+E	230 V	Blue	6	10/40
GW 60 086	3P+E	230 V	Blue	9	10/20
GW 60 087	3P+N+E	230 V	Blue	9	10/20
GW 60 088	2P+E	400 V	Red	9	10/20
GW 60 089	3P+E	400 V	Red	6	10/40
GW 60 090	3P+N+E	400 V	Red	6	10/40
GW 60 091	3P+E	500 V	Black	7	10/20
GW 60 092	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 60 093	2P+E	110 V	Yellow	4	8/16
GW 60 094	3P+E	110 V	Yellow	4	8/16
GW 60 095	3P+N+E	110 V	Yellow	4	8/16
GW 60 096	2P+E	230 V	Blue	6	8/16
GW 60 097	3P+E	230 V	Blue	9	8/16
GW 60 098	3P+N+E	230 V	Blue	9	8/16
GW 60 099	2P+E	400 V	Red	9	8/16
GW 60 101	3P+E	400 V	Red	6	8/16
GW 60 102	3P+N+E	400 V	Red	6	8/16
GW 60 103	3P+E	500 V	Black	7	8/16
GW 60 104	3P+N+E	500 V	Black	7	8/16

GW60127



EXTRA LOW VOLTAGE 90° PLUGS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 60 127	2P	24 V	Violet	50 - 60 Hz	n.r.	10/40
GW 60 128	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 60 129	2P	42 V	White	50 - 60 Hz	12	10/20
GW 60 130	3P	42 V	White	50 - 60 Hz	12	10/20
GW 60 131	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 132	3P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 133	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 134	3P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 135	2P	24 - 42 V	White	d.c.	10	10/20
RATED CURRENT (A): 32						
GW 60 136	2P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 60 137	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 60 138	2P	42 V	White	50 - 60 Hz	12	10/20
GW 60 139	3P	42 V	White	50 - 60 Hz	12	10/20
GW 60 140	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 141	3P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 142	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 143	3P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 144	2P	24 - 42 V	White	d.c.	10	10/20

IP67

GW60112



LOW VOLTAGE 90° ANGLED PLUGS - 50/60 HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 60 105	2P+E	110 V	Yellow	4	10/20
GW 60 106	3P+E	110 V	Yellow	4	10/20
GW 60 107	3P+N+E	110 V	Yellow	4	10/20
GW 60 108	2P+E	230 V	Blue	6	10/40
GW 60 109	3P+E	230 V	Blue	9	10/20
GW 60 110	3P+N+E	230 V	Blue	9	10/20
GW 60 111	2P+E	400 V	Red	9	10/20
GW 60 112	3P+E	400 V	Red	6	10/40
GW 60 113	3P+N+E	400 V	Red	6	10/40
GW 60 114	3P+E	500 V	Black	7	10/20
GW 60 115	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 60 116	2P+E	110 V	Yellow	4	8/16
GW 60 117	3P+E	110 V	Yellow	4	8/16
GW 60 118	3P+N+E	110 V	Yellow	4	8/16
GW 60 119	2P+E	230 V	Blue	6	8/16
GW 60 120	3P+E	230 V	Blue	9	8/16
GW 60 121	3P+N+E	230 V	Blue	9	8/16
GW 60 122	2P+E	400 V	Red	9	8/16
GW 60 123	3P+E	400 V	Red	6	8/16
GW 60 124	3P+N+E	400 V	Red	6	8/16
GW 60 125	3P+E	500 V	Black	7	8/16
GW 60 126	3P+N+E	500 V	Black	7	8/16
GW 60 146	3P+E	380 - 440 V	Red	3	8/16

60 - INLETS

IP44

GW60204



LOW VOLTAGE INLETS - 50/60 HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 60 201	2P+E	110 V	Yellow	4	10/20
GW 60 202	3P+E	110 V	Yellow	4	10/20
GW 60 203	3P+N+E	110 V	Yellow	4	10/20
GW 60 204	2P+E	230 V	Blue	6	10/20
GW 60 205	3P+E	230 V	Blue	9	10/20
GW 60 206	3P+N+E	230 V	Blue	9	10/20
GW 60 207	2P+E	400 V	Red	9	10/20
GW 60 208	3P+E	400 V	Red	6	10/20
GW 60 209	3P+N+E	400 V	Red	6	10/20
GW 60 210	3P+E	500 V	Black	7	10/20
GW 60 211	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 60 212	2P+E	110 V	Yellow	4	8/16
GW 60 213	3P+E	110 V	Yellow	4	8/16
GW 60 214	3P+N+E	110 V	Yellow	4	8/16
GW 60 215	2P+E	230 V	Blue	6	8/16
GW 60 216	3P+E	230 V	Blue	9	8/16
GW 60 217	3P+N+E	230 V	Blue	9	8/16
GW 60 218	2P+E	400 V	Red	9	8/16
GW 60 219	3P+E	400 V	Red	6	8/16
GW 60 220	3P+N+E	400 V	Red	6	8/16
GW 60 221	3P+E	500 V	Black	7	8/16
GW 60 222	3P+N+E	500 V	Black	7	8/16

GW60245



EXTRA LOW VOLTAGE INLETS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 60 245	2P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 60 246	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 60 247	2P	42 V	White	50 - 60 Hz	12	10/20
GW 60 248	3P	42 V	White	50 - 60 Hz	12	10/20
GW 60 249	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 250	3P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 251	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 252	3P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 253	2P	24 - 42 V	White	d.c.	10	10/20
RATED CURRENT (A): 32						
GW 60 254	2P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 60 255	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 60 256	2P	42 V	White	50 - 60 Hz	12	10/20
GW 60 257	3P	42 V	White	50 - 60 Hz	12	10/20
GW 60 258	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 259	3P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 260	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 261	3P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 262	2P	24 - 42 V	White	d.c.	10	10/20

IP67

GW60231



LOW VOLTAGE INLETS - 50/60 HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 60 223	2P+E	110 V	Yellow	4	10/20
GW 60 224	3P+E	110 V	Yellow	4	10/20
GW 60 225	3P+N+E	110 V	Yellow	4	10/20
GW 60 226	2P+E	230 V	Blue	6	10/20
GW 60 227	3P+E	230 V	Blue	9	10/20
GW 60 228	3P+N+E	230 V	Blue	9	10/20
GW 60 229	2P+E	400 V	Red	9	10/20
GW 60 230	3P+E	400 V	Red	6	10/20
GW 60 231	3P+N+E	400 V	Red	6	10/20
GW 60 232	3P+E	500 V	Black	7	10/20
GW 60 233	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 60 234	2P+E	110 V	Yellow	4	8/16
GW 60 235	3P+E	110 V	Yellow	4	8/16
GW 60 236	3P+N+E	110 V	Yellow	4	8/16
GW 60 237	2P+E	230 V	Blue	6	8/16
GW 60 238	3P+E	230 V	Blue	9	8/16
GW 60 239	3P+N+E	230 V	Blue	9	8/16
GW 60 240	2P+E	400 V	Red	9	8/16
GW 60 241	3P+E	400 V	Red	6	8/16
GW 60 242	3P+N+E	400 V	Red	6	8/16
GW 60 243	3P+E	500 V	Black	7	8/16
GW 60 244	3P+N+E	500 V	Black	7	8/16
GW 60 268	3P+E	380 - 440 V	Red	3	8/16

GW60264



CAPS FOR INLETS

Code	For inlets	Pack. Carton.
RATED CURRENT (A): 16		
GW 60 263	2P+E	10/120
GW 60 264	3P+E	10/120
GW 60 265	3P+N+E	10/80
RATED CURRENT (A): 32		
GW 60 266	2P+E - 3P+E	8/64
GW 60 267	3P+N+E	8/64

60/61 - 90° ANGLED INLETS

IP44

GW60404



LOW VOLTAGE 90° ANGLED INLETS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 60 401	2P+E	110 V	Yellow	4	10/40
GW 60 402	3P+E	110 V	Yellow	4	10/20
GW 60 403	3P+N+E	110 V	Yellow	4	10/20
GW 60 404	2P+E	230 V	Blue	6	10/40
GW 60 405	3P+E	230 V	Blue	9	10/20
GW 60 406	3P+N+E	230 V	Blue	9	10/20
GW 60 407	2P+E	400 V	Red	9	10/20
GW 60 408	3P+E	400 V	Red	6	10/40
GW 60 409	3P+N+E	400 V	Red	6	10/40
GW 60 410	3P+E	500 V	Black	7	10/20
GW 60 411	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 60 412	2P+E	110 V	Yellow	4	8/16
GW 60 413	3P+E	110 V	Yellow	4	8/16
GW 60 414	3P+N+E	110 V	Yellow	4	8/16
GW 60 415	2P+E	230 V	Blue	6	8/16
GW 60 416	3P+E	230 V	Blue	9	8/16
GW 60 417	3P+N+E	230 V	Blue	9	8/16
GW 60 418	2P+E	400 V	Red	9	8/16
GW 60 419	3P+E	400 V	Red	6	8/16
GW 60 420	3P+N+E	400 V	Red	6	8/16
GW 60 421	3P+E	500 V	Black	7	8/16
GW 60 422	3P+N+E	500 V	Black	7	8/16

ACCESSORIES SUPPLIED: Ø 20 mm cable gland for 16 A versions, Ø 23 mm cable gland for 32 A versions.

GW60464



EXTRA LOW VOLTAGE 90° ANGLED INLETS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 60 464	2P	24 V	Violet	50 - 60 Hz	n.r.	10/40
GW 60 465	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 60 466	2P	42 V	White	50 - 60 Hz	12	10/20
GW 60 467	3P	42 V	White	50 - 60 Hz	12	10/20
GW 60 468	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 469	3P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 470	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 471	3P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 472	2P	20 - 25 V 40 - 50 V	White	d.c.	10	10/20
RATED CURRENT (A): 32						
GW 60 473	2P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 60 474	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 60 475	2P	42 V	White	50 - 60 Hz	12	10/20
GW 60 476	3P	42 V	White	50 - 60 Hz	12	10/20
GW 60 477	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 478	3P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 60 479	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 480	3P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 60 481	2P	24 - 42 V	White	d.c.	10	10/20

ACCESSORIES SUPPLIED: Ø 23 mm cable gland.

IP67

GW60431



LOW VOLTAGE 90° ANGLED INLETS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 60 423	2P+E	110 V	Yellow	4	10/20
GW 60 424	3P+E	110 V	Yellow	4	10/20
GW 60 425	3P+N+E	110 V	Yellow	4	10/20
GW 60 426	2P+E	230 V	Blue	6	10/40
GW 60 427	3P+E	230 V	Blue	9	10/20
GW 60 428	3P+N+E	230 V	Blue	9	10/20
GW 60 429	2P+E	400 V	Red	9	10/20
GW 60 430	3P+E	400 V	Red	6	10/40
GW 60 431	3P+N+E	400 V	Red	6	10/20
GW 60 432	3P+E	500 V	Black	7	10/20
GW 60 433	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 60 434	2P+E	110 V	Yellow	4	8/16
GW 60 435	3P+E	110 V	Yellow	4	8/16
GW 60 436	3P+N+E	110 V	Yellow	4	8/16
GW 60 437	2P+E	230 V	Blue	6	8/16
GW 60 438	3P+E	230 V	Blue	9	8/16
GW 60 439	3P+N+E	230 V	Blue	9	8/16
GW 60 440	2P+E	400 V	Red	9	8/16
GW 60 441	3P+E	400 V	Red	6	8/16
GW 60 442	3P+N+E	400 V	Red	6	8/16
GW 60 443	3P+E	500 V	Black	7	8/16
GW 60 444	3P+N+E	500 V	Black	7	8/16
GW 60 482	3P+E	380 - 440 V	Red	3	8/16
RATED CURRENT (A): 63					
GW 61 445	2P+E	110 V	Yellow	4	2/4
GW 61 446	3P+E	110 V	Yellow	4	2/4
GW 61 447	3P+N+E	110 V	Yellow	4	2/4
GW 61 448	2P+E	230 V	Blue	6	2/4
GW 61 449	3P+E	230 V	Blue	9	2/4
GW 61 450	3P+N+E	230 V	Blue	9	2/4
GW 61 451	2P+E	400 V	Red	9	2/4
GW 61 452	3P+E	400 V	Red	6	2/4
GW 61 453	3P+N+E	400 V	Red	6	2/4
GW 61 454	3P+E	500 V	Black	7	2/4
GW 61 455	3P+N+E	500 V	Black	7	2/4
RATED CURRENT (A): 125					
GW 60 456	3P+E	110 V	Yellow	4	1/2
GW 60 457	3P+N+E	110 V	Yellow	4	1/2
GW 60 458	3P+E	230 V	Blue	9	1/2
GW 60 459	3P+N+E	230 V	Blue	9	1/2
GW 60 460	3P+E	400 V	Red	6	1/2
GW 60 461	3P+N+E	400 V	Red	6	1/2
GW 60 462	3P+E	500 V	Black	7	1/2
GW 60 463	3P+N+E	500 V	Black	7	1/2

ACCESSORIES SUPPLIED: For 16/32A: Pg21 cable gland; 63A Pg36, for 125A Pg48.

62/63 - STANDARD CONNECTORS

IP44

GW62004



LOW VOLTAGE STANDARD CONNECTORS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 62 001	2P+E	110 V	Yellow	4	10/40
GW 62 002	3P+E	110 V	Yellow	4	10/20
GW 62 003	3P+N+E	110 V	Yellow	4	10/20
GW 62 004	2P+E	230 V	Blue	6	10/100
GW 62 005	3P+E	230 V	Blue	9	10/40
GW 62 006	3P+N+E	230 V	Blue	9	10/20
GW 62 007	2P+E	400 V	Red	9	10/20
GW 62 008	3P+E	400 V	Red	6	10/100
GW 62 009	3P+N+E	400 V	Red	6	10/40
GW 62 010	3P+E	500 V	Black	7	10/20
GW 62 011	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 62 012	2P+E	110 V	Yellow	4	8/16
GW 62 013	3P+E	110 V	Yellow	4	8/16
GW 62 014	3P+N+E	110 V	Yellow	4	8/16
GW 62 015	2P+E	230 V	Blue	6	8/32
GW 62 016	3P+E	230 V	Blue	9	8/16
GW 62 017	3P+N+E	230 V	Blue	9	8/16
GW 62 018	2P+E	400 V	Red	9	8/16
GW 62 019	3P+E	400 V	Red	6	8/32
GW 62 020	3P+N+E	400 V	Red	6	8/32
GW 62 021	3P+E	500 V	Black	7	8/16
GW 62 022	3P+N+E	500 V	Black	7	8/16

GW62066



EXTRA LOW VOLTAGE STANDARD CONNECTORS

Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 62 064	2P	24 V	Violet	50 - 60 Hz	n.r.	10/40
GW 62 065	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 62 066	2P	42 V	White	50 - 60 Hz	12	10/20
GW 62 067	3P	42 V	White	50 - 60 Hz	12	10/20
GW 62 068	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 62 069	3P	24 V	Green	100 - 200 Hz	4	10/20
GW 62 070	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 62 071	3P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 62 072	2P	24 - 42 V	White	d.c.	10	10/20
RATED CURRENT (A): 32						
GW 62 073	2P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 62 074	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 62 075	2P	42 V	White	50 - 60 Hz	12	10/20
GW 62 076	3P	42 V	White	50 - 60 Hz	12	10/20
GW 62 077	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 62 078	3P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 62 079	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 62 080	3P	42 V	Green	401 - 500 Hz	11	10/20
GW 62 081	2P	24 - 42 V	White	d.c.	10	10/20

IP67

GW62030



LOW VOLTAGE STANDARD CONNECTORS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 62 023	2P+E	110 V	Yellow	4	10/20
GW 62 024	3P+E	110 V	Yellow	4	8/16
GW 62 025	3P+N+E	110 V	Yellow	4	10/20
GW 62 026	2P+E	230 V	Blue	6	10/40
GW 62 027	3P+E	230 V	Blue	9	8/16
GW 62 028	3P+N+E	230 V	Blue	9	10/20
GW 62 029	2P+E	400 V	Red	9	10/20
GW 62 030	3P+E	400 V	Red	6	10/40
GW 62 031	3P+N+E	400 V	Red	6	10/40
GW 62 032	3P+E	500 V	Black	7	10/20
GW 62 033	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 62 034	2P+E	110 V	Yellow	4	8/16
GW 62 035	3P+E	110 V	Yellow	4	8/16
GW 62 036	3P+N+E	110 V	Yellow	4	8/16
GW 62 037	2P+E	230 V	Blue	6	8/16
GW 62 038	3P+E	230 V	Blue	9	8/16
GW 62 039	3P+N+E	230 V	Blue	9	8/16
GW 62 040	2P+E	400 V	Red	9	8/16
GW 62 041	3P+E	400 V	Red	6	8/16
GW 62 042	3P+N+E	400 V	Red	6	8/16
GW 62 043	3P+E	500 V	Black	7	8/16
GW 62 044	3P+N+E	500 V	Black	7	8/16
GW 62 128	3P+E	380 - 440 V	Red	3	8/16
RATED CURRENT (A): 63					
GW 63 045	2P+E	110 V	Yellow	4	2/4
GW 63 046	3P+E	110 V	Yellow	4	2/4
GW 63 047	3P+N+E	110 V	Yellow	4	2/4
GW 63 048	2P+E	230 V	Blue	6	2/4
GW 63 049	3P+E	230 V	Blue	9	2/4
GW 63 050	3P+N+E	230 V	Blue	9	2/4
GW 63 051	2P+E	400 V	Red	9	2/4
GW 63 052	3P+E	400 V	Red	6	2/4
GW 63 053	3P+N+E	400 V	Red	6	2/4
GW 63 054	3P+E	500 V	Black	7	2/4
GW 63 055	3P+N+E	500 V	Black	7	2/4
RATED CURRENT (A): 125					
GW 62 056	3P+E	110 V	Yellow	4	1/2
GW 62 057	3P+N+E	110 V	Yellow	4	1/2
GW 62 058	3P+E	230 V	Blue	9	1/2
GW 62 059	3P+N+E	230 V	Blue	9	1/2
GW 62 060	3P+E	400 V	Red	6	1/2
GW 62 061	3P+N+E	400 V	Red	6	1/2
GW 62 062	3P+E	500 V	Black	7	1/2
GW 62 063	3P+N+E	500 V	Black	7	1/2

62 - 90° ANGLED CONNECTORS

IP44

GW62085



LOW VOLTAGE 90° ANGLED CONNECTORS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 62 082	2P+E	110 V	Yellow	4	10/20
GW 62 083	3P+E	110 V	Yellow	4	10/20
GW 62 084	3P+N+E	110 V	Yellow	4	10/20
GW 62 085	2P+E	230 V	Blue	6	10/20
GW 62 086	3P+E	230 V	Blue	9	10/20
GW 62 087	3P+N+E	230 V	Blue	9	10/20
GW 62 088	2P+E	400 V	Red	9	10/20
GW 62 089	3P+E	400 V	Red	6	10/20
GW 62 090	3P+N+E	400 V	Red	6	10/20
GW 62 091	3P+E	500 V	Black	7	10/20
GW 62 092	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 62 093	2P+E	110 V	Yellow	4	8/16
GW 62 094	3P+E	110 V	Yellow	4	8/16
GW 62 095	3P+N+E	110 V	Yellow	4	8/16
GW 62 096	2P+E	230 V	Blue	6	8/16
GW 62 097	3P+E	230 V	Blue	9	8/16
GW 62 098	3P+N+E	230 V	Blue	9	8/16
GW 62 099	2P+E	400 V	Red	9	8/16
GW 62 101	3P+E	400 V	Red	6	8/16
GW 62 102	3P+N+E	400 V	Red	6	8/16
GW 62 103	3P+E	500 V	Black	7	8/16
GW 62 104	3P+N+E	500 V	Black	7	8/16

IP67

GW62113



LOW VOLTAGE 90° ANGLED CONNECTORS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 62 105	2P+E	110 V	Yellow	4	10/20
GW 62 106	3P+E	110 V	Yellow	4	10/20
GW 62 107	3P+N+E	110 V	Yellow	4	10/20
GW 62 108	2P+E	230 V	Blue	6	10/20
GW 62 109	3P+E	230 V	Blue	9	10/20
GW 62 110	3P+N+E	230 V	Blue	9	10/20
GW 62 111	2P+E	400 V	Red	9	10/20
GW 62 112	3P+E	400 V	Red	6	10/20
GW 62 113	3P+N+E	400 V	Red	6	10/20
GW 62 114	3P+E	500 V	Black	7	10/20
GW 62 115	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 62 116	2P+E	110 V	Yellow	4	6/12
GW 62 117	3P+E	110 V	Yellow	4	6/12
GW 62 118	3P+N+E	110 V	Yellow	4	6/12
GW 62 119	2P+E	230 V	Blue	6	6/12
GW 62 120	3P+E	230 V	Blue	9	6/12
GW 62 121	3P+N+E	230 V	Blue	9	6/12
GW 62 122	2P+E	400 V	Red	9	6/12
GW 62 123	3P+E	400 V	Red	6	6/12
GW 62 124	3P+N+E	400 V	Red	6	6/12
GW 62 125	3P+E	500 V	Black	7	6/12
GW 62 126	3P+N+E	500 V	Black	7	6/12
GW 62 127	3P+E	380 - 440 V	Red	3	6/12

62/63 - 10° ANGLED RECEPTACLES

IP44

GW62204



LOW VOLTAGE 10° ANGLED RECEPTACLES - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Cover dimensions mm	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 62 201	2P+E	110 V	Yellow	85x75	4	10/40
GW 62 202	3P+E	110 V	Yellow	85x75	4	10/20
GW 62 203	3P+N+E	110 V	Yellow	85x75	4	10/20
GW 62 204	2P+E	230 V	Blue	62x62	6	10/100
GW 62 205	2P+E	230 V	Blue	85x75	6	10/100
GW 62 206	3P+E	230 V	Blue	85x75	9	10/40
GW 62 207	3P+N+E	230 V	Blue	85x75	9	10/20
GW 62 208	2P+E	400 V	Red	85x75	9	10/20
GW 62 209	3P+E	400 V	Red	85x75	6	10/100
GW 62 210	3P+N+E	400 V	Red	85x75	6	10/40
GW 62 211	3P+E	500 V	Black	85x75	7	10/20
GW 62 212	3P+N+E	500 V	Black	85x75	7	10/20
RATED CURRENT (A): 32						
GW 62 213	2P+E	110 V	Yellow	95x80	4	8/16
GW 62 214	3P+E	110 V	Yellow	95x80	4	8/16
GW 62 215	3P+N+E	110 V	Yellow	95x80	4	8/16
GW 62 216	2P+E	230 V	Blue	95x80	6	8/32
GW 62 217	3P+E	230 V	Blue	95x80	9	8/16
GW 62 218	3P+N+E	230 V	Blue	95x80	9	8/16
GW 62 219	2P+E	400 V	Red	95x80	9	8/16
GW 62 220	3P+E	400 V	Red	95x80	6	8/32
GW 62 221	3P+N+E	400 V	Red	95x80	6	8/32
GW 62 222	3P+E	500 V	Black	95x80	7	8/16
GW 62 223	3P+N+E	500 V	Black	95x80	7	8/16

GW62204, cap of reduced dimensions (62x62 mm) for use in restricted spaces.

GW62265



EXTRA LOW VOLTAGE 10° ANGLED RECEPTACLES

Code	No. of poles	Rated voltage	Colour	Frequency	Cover dimensions mm	Reference h	Pack. Carton.
RATED CURRENT (A): 16							
GW 62 265	2P	24 V	Violet	50 - 60 Hz	85x75	n.r.	10/40
GW 62 266	3P	24 V	Violet	50 - 60 Hz	85x75	n.r.	10/20
GW 62 267	2P	42 V	White	50 - 60 Hz	85x75	12	10/20
GW 62 268	3P	42 V	White	50 - 60 Hz	85x75	12	10/20
GW 62 269	2P	24 - 42 V	Green	100 - 200 Hz	85x75	4	10/20
GW 62 270	3P	24 - 42 V	Green	100 - 200 Hz	85x75	4	10/20
GW 62 271	2P	24 - 42 V	Green	401 - 500 Hz	85x75	11	10/20
GW 62 272	3P	42 V	Green	401 - 500 Hz	85x75	11	10/20
GW 62 273	2P	24 - 42 V	White	d.c.	85x75	10	10/20
RATED CURRENT (A): 32							
GW 62 274	2P	24 V	Violet	50 - 60 Hz	85x75	n.r.	10/20
GW 62 275	3P	24 V	Violet	50 - 60 Hz	85x75	n.r.	10/20
GW 62 276	2P	24 - 42 V	White	50 - 60 Hz	85x75	12	10/20
GW 62 277	3P	42 V	White	50 - 60 Hz	85x75	12	10/20
GW 62 278	2P	24 - 42 V	Green	100 - 200 Hz	85x75	4	10/20
GW 62 279	3P	24 - 42 V	Green	100 - 200 Hz	85x75	4	10/20
GW 62 280	2P	24 - 42 V	Green	401 - 500 Hz	85x75	11	10/20
GW 62 281	3P	24 - 42 V	Green	401 - 500 Hz	85x75	11	10/20
GW 62 282	2P	24 - 42 V	White	d.c.	85x75	10	10/20

IP67

GW62227



LOW VOLTAGE 10° ANGLED RECEPTACLES - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Cover dimensions mm	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 62 224	2P+E	110 V	Yellow	85x75	4	10/20
GW 62 225	3P+E	110 V	Yellow	85x75	4	10/20
GW 62 226	3P+N+E	110 V	Yellow	85x75	4	10/20
GW 62 227	2P+E	230 V	Blue	85x75	6	10/40
GW 62 228	3P+E	230 V	Blue	85x75	9	10/20
GW 62 229	3P+N+E	230 V	Blue	85x75	9	10/20
GW 62 230	2P+E	400 V	Red	85x75	9	10/20
GW 62 231	3P+E	400 V	Red	85x75	6	10/40
GW 62 232	3P+N+E	400 V	Red	85x75	6	10/40
GW 62 233	3P+E	500 V	Black	85x75	7	10/20
GW 62 234	3P+N+E	500 V	Black	85x75	7	10/20
RATED CURRENT (A): 32						
GW 62 235	2P+E	110 V	Yellow	95x80	4	8/16
GW 62 236	3P+E	110 V	Yellow	95x80	4	8/16
GW 62 237	3P+N+E	110 V	Yellow	95x80	4	8/16
GW 62 238	2P+E	230 V	Blue	95x80	6	8/16
GW 62 239	3P+E	230 V	Blue	95x80	9	8/16
GW 62 240	3P+N+E	230 V	Blue	95x80	9	8/16
GW 62 241	2P+E	400 V	Red	95x80	9	8/16
GW 62 242	3P+E	400 V	Red	95x80	6	8/16
GW 62 243	3P+N+E	400 V	Red	95x80	6	8/16
GW 62 244	3P+E	500 V	Black	95x80	7	8/16
GW 62 245	3P+N+E	500 V	Black	95x80	7	8/16
GW 62 283	3P+E	380 - 440 V	Red	95x80	3	8/16
RATED CURRENT (A): 63						
GW 63 246	2P+E	110 V	Yellow	110x100	4	2/4
GW 63 247	3P+E	110 V	Yellow	110x100	4	2/4
GW 63 248	3P+N+E	110 V	Yellow	110x100	4	2/4
GW 63 249	2P+E	230 V	Blue	110x100	6	2/4
GW 63 250	3P+E	230 V	Blue	110x100	9	2/4
GW 63 251	3P+N+E	230 V	Blue	110x100	9	2/4
GW 63 252	2P+E	400 V	Red	110x100	9	2/4
GW 63 253	3P+E	400 V	Red	110x100	6	2/4
GW 63 254	3P+N+E	400 V	Red	110x100	6	2/4
GW 63 255	3P+E	500 V	Black	110x100	7	2/4
GW 63 256	3P+N+E	500 V	Black	110x100	7	2/4
RATED CURRENT (A): 125						
GW 62 257	3P+E	110 V	Yellow	114x114	4	1/2
GW 62 258	3P+N+E	110 V	Yellow	114x114	4	1/2
GW 62 259	3P+E	230 V	Blue	114x114	9	1/2
GW 62 260	3P+N+E	230 V	Blue	114x114	9	1/2
GW 62 261	3P+E	400 V	Red	114x114	6	1/2
GW 62 262	3P+N+E	400 V	Red	114x114	6	1/2
GW 62 263	3P+E	500 V	Black	114x114	7	1/2
GW 62 264	3P+N+E	500 V	Black	114x114	7	1/2

GW62365



EXTRA LOW VOLTAGE 10° ANGLED RECEPTACLES - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Frequency	Cover dimensions mm	Reference h	Pack. Carton.
RATED CURRENT (A): 16							
GW 62 365	2P	24 V	Violet	50 - 60 Hz	85x75	n.r.	10/40
GW 62 366	3P	24 V	Violet	50 - 60 Hz	85x75	n.r.	10/20

FLUSH-MOUNTING SOCKETS WITH CLEAN CONTACT - 125A

GW68785



FIXED FLUSH-MOUNTING INTERLOCKED SOCKET-OUTLETS 125A

Code	No. of poles	Rated voltage (V)	Reference h	Pack. Carton.
GW 68 785	3P+E	400	6	1
GW 68 786	3P+N+E	400	6	1

CHARACTERISTICS: the socket-outlets are equipped with a normally open contact, mechanically activated from the plug's pilot, allowing the creation of the electric interlocking.

62/63 - 10° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS

IP44

GW62404



LOW VOLTAGE 10° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 62 401	2P+E	110 V	Yellow	4	10/40
GW 62 402	3P+E	110 V	Yellow	4	10/20
GW 62 403	3P+N+E	110 V	Yellow	4	10/20
GW 62 404	2P+E	230 V	Blue	6	10/40
GW 62 405	3P+E	230 V	Blue	9	10/20
GW 62 406	3P+N+E	230 V	Blue	9	10/20
GW 62 407	2P+E	400 V	Red	9	10/20
GW 62 408	3P+E	400 V	Red	6	10/40
GW 62 409	3P+N+E	400 V	Red	6	10/40
GW 62 410	3P+E	500 V	Black	7	10/20
GW 62 411	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 62 412	2P+E	110 V	Yellow	4	8/16
GW 62 413	3P+E	110 V	Yellow	4	8/16
GW 62 414	3P+N+E	110 V	Yellow	4	8/16
GW 62 415	2P+E	230 V	Blue	6	8/16
GW 62 416	3P+E	230 V	Blue	9	8/16
GW 62 417	3P+N+E	230 V	Blue	9	8/16
GW 62 418	2P+E	400 V	Red	9	8/16
GW 62 419	3P+E	400 V	Red	6	8/16
GW 62 420	3P+N+E	400 V	Red	6	8/16
GW 62 421	3P+E	500 V	Black	7	7/14
GW 62 422	3P+N+E	500 V	Black	7	7/14

ACCESSORIES SUPPLIED: Ø 29 mm cable gland.

GW62456



EXTRA LOW VOLTAGE 10° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS

Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 62 456	2P	24 V	Violet	50 - 60 Hz	n.r.	10/40
GW 62 457	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 62 458	2P	42 V	White	50 - 60 Hz	12	10/20
GW 62 459	3P	42 V	White	50 - 60 Hz	12	10/20
GW 62 460	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 62 461	3P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 62 462	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 62 463	3P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 62 464	2P	24 - 42 V	White	d.c.	10	10/20
RATED CURRENT (A): 32						
GW 62 465	2P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 62 466	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 62 467	2P	42 V	White	50 - 60 Hz	12	10/20
GW 62 468	3P	42 V	White	50 - 60 Hz	12	10/20
GW 62 469	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 62 470	3P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 62 471	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 62 472	3P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 62 473	2P	24 - 42 V	White	d.c.	10	10/20

ACCESSORIES SUPPLIED: Ø 29 mm cable gland.

IP67

GW62430



LOW VOLTAGE 10° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 62 423	2P+E	110 V	Yellow	4	10/20
GW 62 424	3P+E	110 V	Yellow	4	10/20
GW 62 425	3P+N+E	110 V	Yellow	4	10/20
GW 62 426	2P+E	230 V	Blue	6	10/40
GW 62 427	3P+E	230 V	Blue	9	10/20
GW 62 428	3P+N+E	230 V	Blue	9	10/20
GW 62 429	2P+E	400 V	Red	9	10/20
GW 62 430	3P+E	400 V	Red	6	10/40
GW 62 431	3P+N+E	400 V	Red	6	10/40
GW 62 432	3P+E	500 V	Black	7	10/20
GW 62 433	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 62 434	2P+E	110 V	Yellow	4	8/16
GW 62 435	3P+E	110 V	Yellow	4	8/16
GW 62 436	3P+N+E	110 V	Yellow	4	8/16
GW 62 437	2P+E	230 V	Blue	6	8/16
GW 62 438	3P+E	230 V	Blue	9	8/16
GW 62 439	3P+N+E	230 V	Blue	9	8/16
GW 62 440	2P+E	400 V	Red	9	8/16
GW 62 441	3P+E	400 V	Red	6	8/16
GW 62 442	3P+N+E	400 V	Red	6	8/16
GW 62 443	3P+E	500 V	Black	7	7/14
GW 62 444	3P+N+E	500 V	Black	7	7/14
GW 62 556	3P+E	380 - 440 V	Red	3	8/16
RATED CURRENT (A): 63					
GW 63 445	2P+E	110 V	Yellow	4	2/4
GW 63 446	3P+E	110 V	Yellow	4	2/4
GW 63 447	3P+N+E	110 V	Yellow	4	2/4
GW 63 448	2P+E	230 V	Blue	6	2/4
GW 63 449	3P+E	230 V	Blue	9	2/4
GW 63 450	3P+N+E	230 V	Blue	9	2/4
GW 63 451	2P+E	400 V	Red	9	2/4
GW 63 452	3P+E	400 V	Red	6	2/4
GW 63 453	3P+N+E	400 V	Red	6	2/4
GW 63 454	3P+E	500 V	Black	7	2/4
GW 63 455	3P+N+E	500 V	Black	7	2/4

ACCESSORIES SUPPLIED: For 16/32A: Pg21 cable gland; 63A Pg36.

62/63 - 90° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS

IP44

GW62482



LOW VOLTAGE 90° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 62 474	2P+E	110 V	Yellow	4	10/20
GW 62 475	3P+E	110 V	Yellow	4	10/20
GW 62 476	3P+N+E	110 V	Yellow	4	10/20
GW 62 477	2P+E	230 V	Blue	6	10/20
GW 62 478	3P+E	230 V	Blue	9	10/20
GW 62 479	3P+N+E	230 V	Blue	9	10/20
GW 62 480	2P+E	400 V	Red	9	10/20
GW 62 481	3P+E	400 V	Red	6	10/20
GW 62 482	3P+N+E	400 V	Red	6	10/20
GW 62 483	3P+E	500 V	Black	7	10/20
GW 62 484	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 62 485	2P+E	110 V	Yellow	4	8/16
GW 62 486	3P+E	110 V	Yellow	4	8/16
GW 62 487	3P+N+E	110 V	Yellow	4	8/16
GW 62 488	2P+E	230 V	Blue	6	8/16
GW 62 489	3P+E	230 V	Blue	9	8/16
GW 62 490	3P+N+E	230 V	Blue	9	8/16
GW 62 491	2P+E	400 V	Red	9	8/16
GW 62 492	3P+E	400 V	Red	6	8/16
GW 62 493	3P+N+E	400 V	Red	6	8/16
GW 62 494	3P+E	500 V	Black	7	8/16
GW 62 495	3P+N+E	500 V	Black	7	8/16

ACCESSORIES SUPPLIED: Ø 20 mm cable gland for 16 A versions, Ø 23mm mm cable gland for 32 A versions.

GW62538



EXTRA LOW VOLTAGE 90° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS

Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 62 538	2P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 62 539	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 62 540	2P	42 V	White	50 - 60 Hz	12	10/20
GW 62 541	3P	42 V	White	50 - 60 Hz	12	10/20
GW 62 542	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 62 543	3P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 62 544	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 62 545	3P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 62 546	2P	24 - 42 V	White	d.c.	10	10/20
RATED CURRENT (A): 32						
GW 62 547	2P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 62 548	3P	24 V	Violet	50 - 60 Hz	n.r.	10/20
GW 62 549	2P	42 V	White	50 - 60 Hz	12	10/20
GW 62 550	3P	42 V	White	50 - 60 Hz	12	10/20
GW 62 551	2P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 62 552	3P	24 - 42 V	Green	100 - 200 Hz	4	10/20
GW 62 553	2P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 62 554	3P	24 - 42 V	Green	401 - 500 Hz	11	10/20
GW 62 555	2P	24 - 42 V	White	d.c.	10	10/20

ACCESSORIES SUPPLIED: Ø 23 mm cable gland.

IP67

GW62501



LOW VOLTAGE 90° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 62 496	2P+E	110 V	Yellow	4	10/20
GW 62 497	3P+E	110 V	Yellow	4	10/20
GW 62 498	3P+N+E	110 V	Yellow	4	10/20
GW 62 499	2P+E	230 V	Blue	6	10/20
GW 62 501	3P+E	230 V	Blue	9	10/20
GW 62 502	3P+N+E	230 V	Blue	9	10/20
GW 62 503	2P+E	400 V	Red	9	10/20
GW 62 504	3P+E	400 V	Red	6	10/20
GW 62 505	3P+N+E	400 V	Red	6	10/20
GW 62 506	3P+E	500 V	Black	7	10/20
GW 62 507	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 62 508	2P+E	110 V	Yellow	4	8/16
GW 62 509	3P+E	110 V	Yellow	4	8/16
GW 62 510	3P+N+E	110 V	Yellow	4	8/16
GW 62 511	2P+E	230 V	Blue	6	8/16
GW 62 512	3P+E	230 V	Blue	9	8/16
GW 62 513	3P+N+E	230 V	Blue	9	8/16
GW 62 514	2P+E	400 V	Red	9	8/16
GW 62 515	3P+E	400 V	Red	6	8/16
GW 62 516	3P+N+E	400 V	Red	6	8/16
GW 62 517	3P+E	500 V	Black	7	8/16
GW 62 518	3P+N+E	500 V	Black	7	8/16
GW 62 557	3P+E	380 - 440 V	Red	3	8/16
RATED CURRENT (A): 63					
GW 63 519	2P+E	110 V	Yellow	4	2/4
GW 63 520	3P+E	110 V	Yellow	4	2/4
GW 63 521	3P+N+E	110 V	Yellow	4	2/4
GW 63 522	2P+E	230 V	Blue	6	2/4
GW 63 523	3P+E	230 V	Blue	9	2/4
GW 63 524	3P+N+E	230 V	Blue	9	2/4
GW 63 525	2P+E	400 V	Red	9	2/4
GW 63 526	3P+E	400 V	Red	6	2/4
GW 63 527	3P+N+E	400 V	Red	6	2/4
GW 63 528	3P+E	500 V	Black	7	2/4
GW 63 529	3P+N+E	500 V	Black	7	2/4
RATED CURRENT (A): 125					
GW 62 530	3P+E	110 V	Yellow	4	1/2
GW 62 531	3P+N+E	110 V	Yellow	4	1/2
GW 62 532	3P+E	230 V	Blue	9	1/2
GW 62 533	3P+N+E	230 V	Blue	9	1/2
GW 62 534	3P+E	400 V	Red	6	1/2
GW 62 535	3P+N+E	400 V	Red	6	1/2
GW 62 536	3P+E	500 V	Black	7	1/2
GW 62 537	3P+N+E	500 V	Black	7	1/2

ACCESSORIES SUPPLIED: For 16/32A: Pg21 cable gland; 63A Pg36, for 125A Pg48.

64 - MULTIPLE SOCKET-COULPERS

2-OUTLET

GW64013



MULTIPLE SOCKET-COULPERS 2 OUTPUTS WITH 16A PLUG - 50/60HZ - IP67

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
Plug IEC 309: 16A					
GW 64 008	2P+E	110 V	Yellow	4	5/20
GW 64 010	2P+E	230 V	Blue	6	5/20
GW 64 011	3P+E	230 V	Blue	9	5/10
GW 64 012	3P+N+E	230 V	Blue	9	5/10
GW 64 013	3P+E	400 V	Red	6	5/10
GW 64 014	3P+N+E	400 V	Red	6	5/10

3-OUTLET

GW64027



MULTIPLE SOCKET-COULPERS 3 OUTPUTS WITH 16/32A PLUG - 50/60HZ - IP67

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
Plug IEC 309: 16A					
GW 64 022	2P+E	110 V	Yellow	4	5/10
GW 64 023	3P+E	110 V	Yellow	4	5/10
GW 64 024	2P+E	230 V	Blue	6	5/10
GW 64 025	3P+E	230 V	Blue	9	5/10
GW 64 026	3P+N+E	230 V	Blue	9	5/10
GW 64 027	3P+E	400 V	Red	6	5/10
GW 64 028	3P+N+E	400 V	Red	6	5/10
Plug IEC 309: 32A					
GW 64 068	3P+E	400 V	Red	6	1/4

3-OUTLET WITH CABLE AND PLUG

GW64052



WATERTIGHT MULTIPLE SOCKET-COULPERS 3 OUTPUTS WITH 2M FLEXIBLE CABLE AND 16A PLUG - 50/60HZ - IP67

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
Plug IEC 309: 16A					
GW 64 050	2P+E	110 V	Yellow	4	1/6
GW 64 052	2P+E	230 V	Blue	6	1/6
GW 64 055	3P+E	400 V	Red	6	1/3
GW 64 056	3P+N+E	400 V	Red	6	1/3

64 - MULTIPLE SOCKET-ADAPTORS

CONFIGURATION ADAPTORS

GW64059



WATERTIGHT MULTIPLE SOCKET-ADAPTORS WITH 16A PLUG - 50/60 HZ - IP67

Code	Socket-outlet IEC 309	Socket-outlet IEC 309	Socket-outlet IEC 309	Pack. Carton.
PLUG IEC 309: 3P+N+E - 16A - 400V~				
GW 64 059	2P+E - 16A - 230V~	2P+E - 16A - 230V~	3P+N+E - 16A - 400V~	5/10
GW 64 060	2P+E - 16A - 230V~	3P+E - 16A - 400V~	3P+N+E - 16A - 400V~	5/10

GW64061



WATERTIGHT MULTIPLE SOCKET-ADAPTORS WITH 32A PLUG - 50/60HZ - IP67

Code	Socket-outlet IEC 309	Socket-outlet IEC 309	Socket-outlet IEC 309	Pack. Carton.
PLUG IEC 309: 3P+N+E - 32A - 400V~				
GW 64 061	2P+E - 32A - 230V~	3P+E - 32A - 400V~	3P+N+E - 32A - 400V~	1/5

CURRENT ADAPTORS

GW64062



WATERTIGHT MULTIPLE SOCKET-ADAPTORS WITH 16A PLUG - 50/60 HZ - IP67

Code	Socket-outlet IEC 309	Socket-outlet IEC 309	Socket-outlet IEC 309	Pack. Carton.
PLUG IEC 309: 2P+E - 32A - 230V~				
GW 64 062	2P+E - 16A - 230V~	2P+E - 16A - 230V~	2P+E - 16A - 230V~	5/10
PLUG IEC 309: 3P+N+E - 32A - 400V~				
GW 64 063	2P+E - 16A - 230V~	3P+E - 16A - 400V~	3P+N+E - 16A - 400V~	5/10
GW 64 064	2P+E - 16A - 230V~	2P+E - 16A - 230V~	3P+N+E - 32A - 400V~	1/5

GW64065



WATERTIGHT MULTIPLE SOCKET-ADAPTORS PLUG 63A - 50/60 HZ - IP67

Code	Socket-outlet IEC 309	Socket-outlet IEC 309	Socket-outlet IEC 309	Pack. Carton.
PLUG IEC 309: 3P+N+E - 63A - 400V~				
GW 64 065	2P+E - 32A - 230V~	2P+E - 32A - 230V~	3P+N+E - 63A - 400V~	1/2

PHASE INVERTER

GW64066



PROTECTED PHASE INVERTER - 16A - IP44

Code	Socket-outlet IEC 309	Pack. Carton.
PLUG IEC 309: 3P+E - 16A - 400V~		
GW 64 066	3P+E - 16A - 400V~	10/20
PLUG IEC 309: 3P+N+E - 16A - 400V~		
GW 64 067	3P+N+E - 16A - 400V~	10/20

64 IC/CI - SYSTEM ADAPTORS

IEC 309 RANGE

FROM INDUSTRIAL TO DOMESTIC: WIRED

GW64203



SYSTEM ADAPTORS: IEC 309 IP44 PLUG / SOCKET-OUTLET FOR RESIDENTIAL USE - 50/60HZ

Code	Resid. socket-outlets 250V~	Pack. Carton.
PLUG IEC 309: 2P+E - 16A - 230V~		
GW 64 203	N. 1 - 2P+E - 16A French	10/40
GW 64 204	N. 1 - 2P+E - 13A British	10/40
GW 64 210	N. 1 - 2P+E - 10/16A German	10/40
GW 64 211	N. 2 - 2P+E - 16A Dual amp (P17/11)	10/40
GW 64 212	N. 1 - 2P+E - 16A Dual amp (P30 - P17)	10/40
PLUG IEC 309: 3P+N+E - 16A - 400V~		
GW 64 216	N. 2 - 2P+E - 16A Dual amp (P17/11)	10/40
GW 64 217	N. 1 - 2P+E - 16A Dual amp (P30 - P17)	10/40

CHARACTERISTICS: GW64211 - GW64216, domestic socket-outlets with Ø 4 / 5 mm plug pins.
GW64212 - GW64217, domestic socket-outlets with Ø 4 / 4.8 / 5 mm plug pins, with side and central earth contact.

FROM INDUSTRIAL TO DOMESTIC: FITTED

GW64206



SYSTEM ADAPTORS: IEC 309 IP44 PLUG FOR FITTING FOR 2 MODULE SYSTEM RANGE - 50/60HZ

Code	To house no. mod. SYSTEM	Pack. Carton.
PLUG IEC 309: 2P+E - 16A - 230V~		
GW 64 206	2	10/40
PLUG IEC 309: 3P+N+E - 16A - 400V~		
GW 64 207	2	10/40

ACCESSORIES SUPPLIED: wiring cables.

FROM DOMESTIC TO INDUSTRIAL: WIRED

GW64209



SYSTEM ADAPTORS: DOMESTIC USE PLUG / IEC 309 IP44 SOCKET-OUTLET - 50/60HZ

Code	Socket-outlet IEC 309	Pack. Carton.
DOMESTIC SOCKET-OUTLET: 2P+E - 16A - 250V~ S17		
GW 64 208	2P+E - 16A - 230V~	10/40
DOMESTIC SOCKET-OUTLET: 2P+E - 16A - 250V~ GERMAN/FRENCH		
GW 64 209	2P+E - 16A - 230V~	10/40

CHARACTERISTICS: GW64209, with double earth contact (German standard side contact and French standard middle contact).

64 IC/CI - SYSTEM BRANCHED ADAPTORS

1 BRANCHED OUTLET: WIRED

GW64221


**CONVERSION ADAPTORS:
PLUG FOR DOMESTIC USE / IEC 309 SOCKET-COUPLER IP44 - 50/60HZ**

Code	Resid. socket-outlets 250V~	Socket-outlet IEC 309	Pack. Carton.
PLUG IEC 309: 2P+E - 16A - 230V~			
GW 64 221	N. 2 - 2P+E - 16A Dual amp (P17/11)	2P+E - 16A - 230V~	5/20
GW 64 222	N. 1 - 2P+E - 16A Dual amp (P30 - P17)	2P+E - 16A - 230V~	5/20

CHARACTERISTICS: GW64221 domestic socket-outlets with plug pins Ø 4/5mm.
GW64222 domestic socket-outlets with plug pins Ø 4/4.8/5mm, with side and central earthing.

1 BRANCHED OUTLET: FITTED

GW64223


**CONVERSION ADAPTORS:
IEC 309 PLUG FITTING FOR 2 SYSTEM MODULES/IEC 309 SOCKET-COUPLER IP44 - 50/60HZ**

Code	To house no. mod. SYSTEM	Socket-outlet IEC 309	Pack. Carton.
PLUG IEC 309: 2P+E - 16A - 230V~			
GW 64 223	2	2P+E - 16A - 230V~	5/20

ACCESSORIES SUPPLIED: wiring cables.

2 BRANCHED OUTLETS: WIRED

GW64231


**CONVERSION ADAPTORS:
PLUG IEC 309 IP44 SOCKET-OUTLET FOR DOMESTIC USE / IEC 309 SOCKET-COUPLER IP44 - 50/60HZ**

Code	Resid. socket-outlets 250V~	Socket-outlet IEC 309	Pack. Carton.
PLUG IEC 309: 2P+E - 16A - 230V~			
GW 64 231	N. 1 (P30-P17) N. 2 (P17/11) -	2P+E - 16A - 230V~	5/20
PLUG IEC 309: 3P+N+E - 16A - 400V~			
GW 64 236	N. 1 (P30-P17) N. 2 (P17/11) -	3P+N+E - 16A - 400V~	5/10

2 BRANCHED OUTLETS: FITTED

GW64232


**CONVERSION ADAPTORS:
IEC 309 PLUG FITTING FOR 2+2 SYSTEM MODULES/IEC 309 SOCKET-COUPLER IP44 - 50/60HZ**

Code	To house no. mod. SYSTEM	Socket-outlet IEC 309	Pack. Carton.
PLUG IEC 309: 2P+E - 16A - 230V~			
GW 64 232	2+2	2P+E - 16A - 230V~	5/20
PLUG IEC 309: 3P+N+E - 16A - 400V~			
GW 64 237	2+2	3P+N+E - 16A - 400V~	5/10

ACCESSORIES SUPPLIED: wiring cables.

2 BRANCHED OUTLETS WITH CABLE AND PLUG: WIRED

GW64256



**CONVERSION ADAPTOR SHUNT WITH 2 M OF FLEXIBLE CABLE:
IEC 309 PLUG IP44 DOMESTIC SOCKETS / IEC 309 SOCKET-COUPLER IP44 - 50/60HZ**

Code	Resid. socket-outlets 250V~	Socket-outlet IEC 309	Pack. Carton.
PLUG IEC 309: 3P+N+E - 16A - 400V~			
GW 64 256	N. 1 (P30-P17) N. 2 (P17/11) -	3P+N+E - 16A - 400V~	1/3

CHARACTERISTICS: 2 domestic socket-outlets with Ø 4 / 5 mm plug pins (P17/11) and 1 domestic socket-outlet with Ø 4 / 4.8 / 5 mm plug pins (P30 - P17) with side and central earth control.

GW64263



**CONVERSION ADAPTOR SHUNT WITH 2 M OF FLEXIBLE CABLE:
PLUG FOR DOMESTIC USE / SOCKETS-OUTLETS FOR DOMESTIC USE / IEC 309 SOCKET-COUPLER IP44 - 50/60HZ**

Code	Resid. socket-outlets 250V~	Socket-outlet IEC 309	Pack. Carton.
DOMESTIC SOCKET-OUTLET: 2P+E - 16A - 250V~ S17			
GW 64 263	N. 1 (P30-P17) N. 2 (P17/11) -	2P+E - 16A - 230V~	1/6

CHARACTERISTICS: 2 domestic socket-outlets with Ø 4 / 5 mm plug pins (P17/11) and 1 domestic socket-outlet with Ø 4 / 4.8 / 5 mm plug pins (P30 - P17) with side and central earth control.

2 BRANCHED OUTLETS FITTED FOR CABLE AND PLUG

GW64265



**CONVERSION ADAPTOR SHUNT:
FITTING FOR 2+2 SYSTEM MODULES / IEC 309 SOCKET-COUPLER IP44 - 50/60HZ**

Code	To house no. mod. SYSTEM	Socket-outlet IEC 309	Pack. Carton.
GW 64 265	2+2	2P+E - 16A - 230V~	5/20

ACCESSORIES SUPPLIED: wiring cables.

IB range











Interlocked socket-outlets IEC 309 standards

System of industrial socket-outlets with interlock switch, for energy distribution in the commercial and industrial places.

- 67 IB, watertight vertical socket-outlets IP67, with rotary switch, with and without fuse-holder base, and miniature circuit breaker (Automatika). Design co-ordination with new high-performance blue fronts, guaranteeing resistance against impact, chemical agents and UV rays. Two standard sizes, one for 16-32A and one for 63A: the dimensions are compatible with the SBF vertical interlocked socket-outlets IP55.
- 66 IB, vertical socket-outlets IP66, for heavy duty use from 16 to 125A, with rotary switch, fuse-holder base, and DIN rail for housing modular protection devices.
- Combibloc, compact socket-outlets IP44/55, 16 and 32A, with rotary switch, characterised by their reduced dimensions.
- 44 IB, horizontal interlocked switched socket-outlets IP44, 16 and 32A, with rotary switch, with and without fuse holder base.
- 55 IB, vertical interlocked switched socket-outlets IP55, from 16 to 63A, with rotary switch, with and without fuse holder base.



IB RANGE

				VERTICAL SOCKET-OUTLETS						VERTICAL SOCKET-OUTLETS FOR HEAVY DUTY USE		
												
Rated current In (A)	Rated voltage Un (V)	No. poles	Reference h.	Vertical socket-outlets with rotary switch, without bottom	Vertical socket-outlets with rotary switch, with bottom	Vertical socket-outlets with fuse-holder base, without bottom	Vertical socket-outlets with fuse-holder base, with bottom	Vertical socket-outlets with RCB, without bottom	Vertical socket-outlets with RCB, with bottom	Vertical socket-outlets without bottom	Vertical socket-outlets with bottom	Vertical socket-outlets with fuse-holder base, without bottom
				IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	IP 66	IP 66	IP 66
16	24	2P	s.r.									GW 66 886
	110 110 - 130	2P + $\frac{N}{\perp}$	4	GW 66 301 N	GW 66 201 N	GW 66 323 N	GW 66 223 N	GW 66 151 N	GW 66 051 N	GW 66 535	GW 66 501	GW 66 801
		3P + $\frac{N}{\perp}$	4	GW 66 302 N	GW 66 202 N	GW 66 324 N	GW 66 224 N	GW 66 152 N	GW 66 052 N	GW 66 536	GW 66 502	GW 66 802
		3P + N + $\frac{N}{\perp}$	4	GW 66 303 N	GW 66 203 N	GW 66 325 N	GW 66 225 N	GW 66 153 N	GW 66 053 N	GW 66 537	GW 66 503	GW 66 803
	230 200 - 250	2P + $\frac{N}{\perp}$	6	GW 66 304 N	GW 66 204 N	GW 66 326 N	GW 66 226 N	GW 66 154 N	GW 66 054 N	GW 66 538	GW 66 504	GW 66 804
		3P + $\frac{N}{\perp}$	9	GW 66 305 N	GW 66 205 N	GW 66 327 N	GW 66 227 N	GW 66 155 N	GW 66 055 N	GW 66 539	GW 66 505	GW 66 805
		3P + N + $\frac{N}{\perp}$	9	GW 66 306 N	GW 66 206 N	GW 66 328 N	GW 66 228 N	GW 66 156 N	GW 66 056 N	GW 66 540	GW 66 506	GW 66 806
	400 380 - 415	2P + $\frac{N}{\perp}$	9	GW 66 307 N	GW 66 207 N	GW 66 329 N	GW 66 229 N	GW 66 157 N	GW 66 057 N	GW 66 541	GW 66 507	GW 66 807
		3P + $\frac{N}{\perp}$	6	GW 66 308 N	GW 66 208 N	GW 66 330 N	GW 66 230 N	GW 66 158 N	GW 66 058 N	GW 66 542	GW 66 508	GW 66 808
		3P + N + $\frac{N}{\perp}$	6	GW 66 309 N	GW 66 209 N	GW 66 331 N	GW 66 231 N	GW 66 159 N	GW 66 059 N	GW 66 543	GW 66 509	GW 66 809
	500 480 - 500	3P + $\frac{N}{\perp}$	7	GW 66 310 N	GW 66 210 N	GW 66 332 N	GW 66 232 N			GW 66 544	GW 66 510	GW 66 810
		3P + N + $\frac{N}{\perp}$	7	GW 66 311 N	GW 66 211 N	GW 66 333 N	GW 66 233 N			GW 66 545	GW 66 511	GW 66 811
32	110 110 - 130	2P + $\frac{N}{\perp}$	4	GW 66 312 N	GW 66 212 N	GW 66 334 N	GW 66 234 N	GW 66 162 N	GW 66 062 N	GW 66 546	GW 66 512	GW 66 812
		3P + $\frac{N}{\perp}$	4	GW 66 313 N	GW 66 213 N	GW 66 335 N	GW 66 235 N	GW 66 163 N	GW 66 063 N	GW 66 547	GW 66 513	GW 66 813
		3P + N + $\frac{N}{\perp}$	4	GW 66 314 N	GW 66 214 N	GW 66 336 N	GW 66 236 N	GW 66 164 N	GW 66 064 N	GW 66 548	GW 66 514	GW 66 814
	230 200 - 250	2P + $\frac{N}{\perp}$	6	GW 66 315 N	GW 66 215 N	GW 66 337 N	GW 66 237 N	GW 66 165 N	GW 66 065 N	GW 66 549	GW 66 515	GW 66 815
		3P + $\frac{N}{\perp}$	9	GW 66 316 N	GW 66 216 N	GW 66 338 N	GW 66 238 N	GW 66 166 N	GW 66 066 N	GW 66 550	GW 66 516	GW 66 816
		3P + N + $\frac{N}{\perp}$	9	GW 66 317 N	GW 66 217 N	GW 66 339 N	GW 66 239 N	GW 66 167 N	GW 66 067 N	GW 66 551	GW 66 517	GW 66 817
	400 380 - 415	2P + $\frac{N}{\perp}$	9	GW 66 318 N	GW 66 218 N	GW 66 340 N	GW 66 240 N	GW 66 168 N	GW 66 068 N	GW 66 552	GW 66 518	GW 66 818
		3P + $\frac{N}{\perp}$	6	GW 66 319 N	GW 66 219 N	GW 66 341 N	GW 66 241 N	GW 66 169 N	GW 66 069 N	GW 66 553	GW 66 519	GW 66 819
		3P + N + $\frac{N}{\perp}$	6	GW 66 320 N	GW 66 220 N	GW 66 342 N	GW 66 242 N	GW 66 170 N	GW 66 070 N	GW 66 554	GW 66 520	GW 66 820
	500 480 - 500	3P + $\frac{N}{\perp}$	7	GW 66 321 N	GW 66 221 N	GW 66 343 N	GW 66 243 N			GW 66 555	GW 66 521	GW 66 821
		3P + N + $\frac{N}{\perp}$	7	GW 66 322 N	GW 66 222 N	GW 66 344 N	GW 66 244 N			GW 66 556	GW 66 522	GW 66 822
	400 380 - 440	3P + $\frac{N}{\perp}$	3	GW 66 357 N	GW 66 257 N	GW 66 358 N	GW 66 258 N			GW 66 557	GW 66 523	GW 66 823
63	110 110 - 130	2P + $\frac{N}{\perp}$	4	GW 67 356 N	GW 67 256 N	GW 66 345 N	GW 67 245 N				GW 66 524	
		3P + $\frac{N}{\perp}$	4	GW 67 357 N	GW 67 257 N	GW 66 346 N	GW 67 246 N				GW 66 525	
		3P + N + $\frac{N}{\perp}$	4	GW 67 358 N	GW 67 258 N	GW 66 347 N	GW 67 247 N				GW 66 526	
	230 200 - 250	2P + $\frac{N}{\perp}$	6	GW 67 359 N	GW 67 259 N	GW 66 348 N	GW 67 248 N				GW 66 527	
		3P + $\frac{N}{\perp}$	9	GW 67 360 N	GW 67 260 N	GW 66 349 N	GW 67 249 N				GW 66 528	
		3P + N + $\frac{N}{\perp}$	9	GW 67 361 N	GW 67 261 N	GW 66 350 N	GW 67 250 N				GW 66 529	
	400 380 - 415	2P + $\frac{N}{\perp}$	9	GW 67 362 N	GW 67 262 N	GW 66 351 N	GW 67 251 N				GW 66 530	
		3P + $\frac{N}{\perp}$	6	GW 67 363 N	GW 67 263 N	GW 66 352 N	GW 67 252 N				GW 66 531	
		3P + N + $\frac{N}{\perp}$	6	GW 67 364 N	GW 67 264 N	GW 66 353 N	GW 67 253 N				GW 66 532	
	500 480 - 500	3P + $\frac{N}{\perp}$	7	GW 67 365 N	GW 67 265 N	GW 66 354 N	GW 67 254 N				GW 66 533	
		3P + N + $\frac{N}{\perp}$	7	GW 67 366 N	GW 67 266 N	GW 66 355 N	GW 67 255 N				GW 66 534	
										Vertical surface-mounting socket-outlets with electric interlock, with circuit breaker protection		
125	110 110 - 130	3P + $\frac{N}{\perp}$	4								GW 66 581	
		3P + N + $\frac{N}{\perp}$	4								GW 66 582	
	230 200 - 250	3P + $\frac{N}{\perp}$	9								GW 66 583	
		3P + N + $\frac{N}{\perp}$	9								GW 66 584	
	400 380 - 415	3P + $\frac{N}{\perp}$	6								GW 66 585	
		3P + N + $\frac{N}{\perp}$	6								GW 66 586	
500 480 - 500	3P + $\frac{N}{\perp}$	7								GW 66 587		
	3P + N + $\frac{N}{\perp}$	7								GW 66 588		

NEW: available from June 2010

Codes with an "N" suffix refer to the products of the new range of vertical interlocked switched socket-outlets IP67, and correspond to the product codes of the previous range without the letter "N" (apart from the AUTOMATIKA version); they can therefore be installed on the Q-DIN boards of the previous SBF versions, allowing any replacement or modification even on boards already installed. Using the GW 66 715 N adapters for 16-32A versions, and GW 66 716 N for 63A versions, they can also be installed on the Q-DIN boards or modular bases of the previous CBF versions.

VERTICAL SOCKET-OUTLETS FOR HEAVY DUTY USE			COMBIBLOC COMPACT SOCKET-OUTLETS				HORIZONTAL SOCKET-OUTLETS			
IP 66	IP 66	IP 66	IP 44	IP 44	IP 55	IP 55	IP 44	IP 44	IP 44	IP 44
GW 66 998										
GW 66 951	GW 66 824	GW 66 974	GW 66 423	GW 66 401	GW 66 467	GW 66 445	GW 66 101	GW 66 001	GW 66 123	GW 66 023
GW 66 952	GW 66 825	GW 66 975	GW 66 424	GW 66 402	GW 66 468	GW 66 446	GW 66 102	GW 66 002	GW 66 124	GW 66 024
GW 66 953	GW 66 826	GW 66 976	GW 66 425	GW 66 403	GW 66 469	GW 66 447	GW 66 103	GW 66 003	GW 66 125	GW 66 025
GW 66 954	GW 66 827	GW 66 977	GW 66 426	GW 66 404	GW 66 470	GW 66 448	GW 66 104	GW 66 004	GW 66 126	GW 66 026
GW 66 955	GW 66 828	GW 66 978	GW 66 427	GW 66 405	GW 66 471	GW 66 449	GW 66 105	GW 66 005	GW 66 127	GW 66 027
GW 66 956	GW 66 829	GW 66 979	GW 66 428	GW 66 406	GW 66 472	GW 66 450	GW 66 106	GW 66 006	GW 66 128	GW 66 028
GW 66 957	GW 66 830	GW 66 980	GW 66 429	GW 66 407	GW 66 473	GW 66 451	GW 66 107	GW 66 007	GW 66 129	GW 66 029
GW 66 958	GW 66 831	GW 66 981	GW 66 430	GW 66 408	GW 66 474	GW 66 452	GW 66 108	GW 66 008	GW 66 130	GW 66 030
GW 66 959	GW 66 832	GW 66 982	GW 66 431	GW 66 409	GW 66 475	GW 66 453	GW 66 109	GW 66 009	GW 66 131	GW 66 031
GW 66 960	GW 66 833	GW 66 983					GW 66 110	GW 66 010	GW 66 132	GW 66 032
GW 66 961	GW 66 834	GW 66 984					GW 66 111	GW 66 011	GW 66 133	GW 66 033
GW 66 962	GW 66 835	GW 66 985	GW 66 434	GW 66 412	GW 66 478	GW 66 456	GW 66 112	GW 66 012	GW 66 134	GW 66 034
GW 66 963	GW 66 836	GW 66 986	GW 66 435	GW 66 413	GW 66 479	GW 66 457	GW 66 113	GW 66 013	GW 66 135	GW 66 035
GW 66 964	GW 66 837	GW 66 987	GW 66 436	GW 66 414	GW 66 480	GW 66 458	GW 66 114	GW 66 014	GW 66 136	GW 66 036
GW 66 965	GW 66 838	GW 66 988	GW 66 437	GW 66 415	GW 66 481	GW 66 459	GW 66 115	GW 66 015	GW 66 137	GW 66 037
GW 66 966	GW 66 839	GW 66 989	GW 66 438	GW 66 416	GW 66 482	GW 66 460	GW 66 116	GW 66 016	GW 66 138	GW 66 038
GW 66 967	GW 66 840	GW 66 990	GW 66 439	GW 66 417	GW 66 483	GW 66 461	GW 66 117	GW 66 017	GW 66 139	GW 66 039
GW 66 968	GW 66 841	GW 66 991	GW 66 440	GW 66 418	GW 66 484	GW 66 462	GW 66 118	GW 66 018	GW 66 140	GW 66 040
GW 66 969	GW 66 842	GW 66 992	GW 66 441	GW 66 419	GW 66 485	GW 66 463	GW 66 119	GW 66 019	GW 66 141	GW 66 041
GW 66 970	GW 66 843	GW 66 993	GW 66 442	GW 66 420	GW 66 486	GW 66 464	GW 66 120	GW 66 020	GW 66 142	GW 66 042
GW 66 971	GW 66 844	GW 66 994					GW 66 121	GW 66 021	GW 66 143	GW 66 043
GW 66 972	GW 66 845	GW 66 995					GW 66 122	GW 66 022	GW 66 144	GW 66 044
GW 66 973	GW 66 846	GW 66 996								
GW 66 847		GW 66 866								
GW 66 848		GW 66 867								
GW 66 849		GW 66 868								
GW 66 850		GW 66 869								
GW 66 851		GW 66 870								
GW 66 852		GW 66 871								
GW 66 853		GW 66 872								
GW 66 854		GW 66 873								
GW 66 855		GW 66 874								
GW 66 856		GW 66 875								
GW 66 857		GW 66 876								
	Vertical surface-mounting socket-outlets with electric interlock with residual current circuit breaker protection									
GW 66 591										
GW 66 592										
GW 66 593										
GW 66 594										
GW 66 595										
GW 66 596										
GW 66 597										
GW 66 598										

IB RANGE

		COMPLEMENTARY ITEMS							
		MODULAR BASES			DISTRIBUTION BOARDS				
									
1 Socket-outlet	2 Socket-outlets	3 Socket-outlets	1 Socket-outlet	2 Socket-outlets	3 Socket-outlets	4 Socket-outlets			
67 IB VERTICAL RANGE	 All version 16/32A IP67 vertical interlocked sockets and 24V with transformer	GW 66 690	GW 66 691	GW 66 694		GW 68 025 N (10 modules)	GW 68 010 N (14 modules)	GW 68 022 N (20 modules) 1 socket-outlet 63A 2 socket-outlets 16/32A	GW 68 015 N (20 modules)
	 All version 63A IP67 vertical interlocked sockets	GW 66 693**					GW 68 010* (12 modules)		GW 68 015* (18 modules)
66 IB RANGE FOR HEAVY-DUTY USE	 IP 66 vertical socket-outlets for heavy duty use 16/32A	GW 66 696	GW 66 697	GW 66 698					
	 IP 66 vertical socket-outlets for heavy duty 63A	GW 66 700							
COMBIBLOC RANGE	 IP44/55 compact protected watertight socket-outlets - 16/32A				GW 66 491	GW 66 492	GW 66 493		
44 IB RANGE	 IP 44 horizontal socket-outlets, without fuse-holder base (SBF) 16/32A					GW 68 006 N GW 68 019 N			GW 68 009 N
	 IP 44 horizontal socket-outlets with fuse-holder base (CBF) 16/32A								GW 68 014 N

NEW: available from June 2010

* The codes refer to the products of the previous range.

** Use with a GW 66 716 N adapter.

COMPLEMENTARY ITEMS

MODULAR BASES WITH WINDOW PANEL

LID/BOXES



1 Socket-outlet



2 Socket-outlets



3 Socket-outlets



Flanged lid



Flush-mounting bottom



Surface-mounting bottom

GW 66 709 N

GW 66 683 N
(cannot be used
for SELV 24V)

GW 66 678 N

GW 66 709*



GW 27 401

GW 66 686



IEC 309 range

GW 66 781
(6 modules)

GW 66 782
(12 modules)

GW 66 783
(18 modules)

GW 66 707

GW 66 685

GW 66 784
(6 modules)



IEC 309 range

GW 66 498

GW 68 496



74 PS range

GW 66 681

GW 66 676

GW 66 682

GW 66 677

IB RANGE

67 IB - VERTICAL INTERLOCKED SOCKET-OUTLETS - IP67

AUTOMATIKA - WITH CIRCUIT BREAKER PROTECTION (MCB), WITHOUT BOTTOM - IP67

GW66170N



AUTOMATIKA VERTICAL INTERLOCKED SOCKET-OUTLETS WITH MINIATURE CIRCUIT BREAKER MT 6KA C CHARACTERISTIC WITHOUT BOTTOM - 50/60HZ - IP67

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 151 N	② 2P+E	110 V	Yellow	4	1/12
GW 66 152 N	② 3P+E	110 V	Yellow	4	1/12
GW 66 153 N	② 3P+N+E	110 V	Yellow	4	1/12
GW 66 154 N	② 2P+E	230 V	Blue	6	1/12
GW 66 155 N	② 3P+E	230 V	Blue	9	1/12
GW 66 156 N	② 3P+N+E	230 V	Blue	9	1/12
GW 66 157 N	② 2P+E	400 V	Red	9	1/12
GW 66 158 N	② 3P+E	400 V	Red	6	1/12
GW 66 159 N	② 3P+N+E	400 V	Red	6	1/12
RATED CURRENT (A): 32					
GW 66 162 N	② 2P+E	110 V	Yellow	4	1/12
GW 66 163 N	② 3P+E	110 V	Yellow	4	1/12
GW 66 164 N	② 3P+N+E	110 V	Yellow	4	1/12
GW 66 165 N	② 2P+E	230 V	Blue	6	1/12
GW 66 166 N	② 3P+E	230 V	Blue	9	1/12
GW 66 167 N	② 3P+N+E	230 V	Blue	9	1/12
GW 66 168 N	② 2P+E	400 V	Red	9	1/12
GW 66 169 N	② 3P+E	400 V	Red	6	1/12
GW 66 170 N	② 3P+N+E	400 V	Red	6	1/12

CHARACTERISTICS: the socket-outlets use the miniature circuit breaker for control and protection.

AUTOMATIKA - WITH CIRCUIT BREAKER PROTECTION (MCB), WITH BOTTOM - IP67

GW66070N



AUTOMATIKA VERTICAL INTERLOCKED SOCKET-OUTLETS WITH MINIATURE CIRCUIT BREAKER MT 6KA C CHARACTERISTIC WITH BOTTOM - 50/60HZ - IP67

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 051 N	Ⓞ 2P+E	110 V	Yellow	4	1/12
GW 66 052 N	Ⓞ 3P+E	110 V	Yellow	4	1/12
GW 66 053 N	Ⓞ 3P+N+E	110 V	Yellow	4	1/12
GW 66 054 N	Ⓞ 2P+E	230 V	Blue	6	1/12
GW 66 055 N	Ⓞ 3P+E	230 V	Blue	9	1/12
GW 66 056 N	Ⓞ 3P+N+E	230 V	Blue	9	1/12
GW 66 057 N	Ⓞ 2P+E	400 V	Red	9	1/12
GW 66 058 N	Ⓞ 3P+E	400 V	Red	6	1/12
GW 66 059 N	Ⓞ 3P+N+E	400 V	Red	6	1/12
RATED CURRENT (A): 32					
GW 66 062 N	Ⓞ 2P+E	110 V	Yellow	4	1/12
GW 66 063 N	Ⓞ 3P+E	110 V	Yellow	4	1/12
GW 66 064 N	Ⓞ 3P+N+E	110 V	Yellow	4	1/12
GW 66 065 N	Ⓞ 2P+E	230 V	Blue	6	1/12
GW 66 066 N	Ⓞ 3P+E	230 V	Blue	9	1/12
GW 66 067 N	Ⓞ 3P+N+E	230 V	Blue	9	1/12
GW 66 068 N	Ⓞ 2P+E	400 V	Red	9	1/12
GW 66 069 N	Ⓞ 3P+E	400 V	Red	6	1/12
GW 66 070 N	Ⓞ 3P+N+E	400 V	Red	6	1/12

Accessories supplied: 4 screwcaps in insulating material, diam. 14/16mm

Note: IP67 is guarantee only when the sockets are fixed to the wall using the brackets GW44621

IB RANGE

WITH ROTARY SWITCH, WITHOUT FUSE-HOLDER BASE (SBF), WITHOUT BOTTOM - IP67

GW66357N



IB RANGE

INTERLOCKED VERTICAL SOCKET-OUTLETS WITH ROTARY SWITCH, WITHOUT FUSE-HOLDER BASE WITHOUT BOTTOM - 50/60HZ - IP67

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 301 N	② 2P+E	110 V	Yellow	4	1/12
GW 66 302 N	② 3P+E	110 V	Yellow	4	1/12
GW 66 303 N	② 3P+N+E	110 V	Yellow	4	1/12
GW 66 304 N	② 2P+E	230 V	Blue	6	1/12
GW 66 305 N	② 3P+E	230 V	Blue	9	1/12
GW 66 306 N	② 3P+N+E	230 V	Blue	9	1/12
GW 66 307 N	② 2P+E	400 V	Red	9	1/12
GW 66 308 N	② 3P+E	400 V	Red	6	1/12
GW 66 309 N	② 3P+N+E	400 V	Red	6	1/12
GW 66 310 N	② 3P+E	500 V	Black	7	1/12
GW 66 311 N	② 3P+N+E	500 V	Black	7	1/12
RATED CURRENT (A): 32					
GW 66 312 N	② 2P+E	110 V	Yellow	4	1/12
GW 66 313 N	② 3P+E	110 V	Yellow	4	1/12
GW 66 314 N	② 3P+N+E	110 V	Yellow	4	1/12
GW 66 315 N	② 2P+E	230 V	Blue	6	1/12
GW 66 316 N	② 3P+E	230 V	Blue	9	1/12
GW 66 317 N	② 3P+N+E	230 V	Blue	9	1/12
GW 66 318 N	② 2P+E	400 V	Red	9	1/12
GW 66 319 N	② 3P+E	400 V	Red	6	1/12
GW 66 320 N	② 3P+N+E	400 V	Red	6	1/12
GW 66 321 N	② 3P+E	500 V	Black	7	1/12
GW 66 322 N	② 3P+N+E	500 V	Black	7	1/12
GW 66 357 N	② 3P+E	380 - 440 V	Red	3	1/12
RATED CURRENT (A): 63					
GW 67 356 N	② 2P+E	110 V	Yellow	4	1/4
GW 67 357 N	② 3P+E	110 V	Yellow	4	1/4
GW 67 358 N	② 3P+N+E	110 V	Yellow	4	1/4
GW 67 359 N	② 2P+E	230 V	Blue	6	1/4
GW 67 360 N	② 3P+E	230 V	Blue	9	1/4
GW 67 361 N	② 3P+N+E	230 V	Blue	9	1/4
GW 67 362 N	② 2P+E	400 V	Red	9	1/4
GW 67 363 N	② 3P+E	400 V	Red	6	1/4
GW 67 364 N	② 3P+N+E	400 V	Red	6	1/4
GW 67 365 N	② 3P+E	500 V	Black	7	1/4
GW 67 366 N	② 3P+N+E	500 V	Black	7	1/4

NOTE: codes with an "N" suffix refer to the products of the new range of IP67 vertical interlocked switched socket-outlets, and correspond to the product codes of the previous range without the letter "N" (except for the AUTOMATIKA version); they can therefore be installed on the Q-DIN boards of the previous SBF versions, allowing any replacement or modification even on already installed boards. Using the GW66715N adapters for 16-32A versions, and GW66716N for 63A versions, they can also be installed on the Q-DIN boards or modular bases of the previous CBF versions.

GW66359N



INTERLOCKED VERTICAL SOCKET-OUTLETS WITH SAFETY TRANSFORMER (SELV) 230/24V 50/60HZ WITHOUT BOTTOM - IP67

Code	No. of poles	Output voltage	Colour	Rated power	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 359 N	② 2P	24 V	Violet	160 VA	1/4

CHARACTERISTICS: the socket-outlet is equipped with a thermal protection device. If the device trips, remove the plug from the socket-outlet and check the applied load.

NOTE: codes with "N" final refer to the new range of vertical interlocked sockets IP67 and correspond to the product codes of the previous range without the letter "N" (except for the AUTOMATIKA version); they can therefore be installed on the Q-DIN boards of the previous SBF versions, allowing any replacement or modification even on already installed boards. Using the GW66715N adapters for 16-32A versions, and GW66716N for 63A versions, they can also be installed on the Q-DIN boards or modular bases of the previous CBF versions.

①=May 2010

②=June 2010

③=September 2010

WITH ROTARY SWITCH, WITHOUT FUSE-HOLDER BASE (SBF), WITH BOTTOM - IP67

GW66257N



INTERLOCKED VERTICAL SOCKET-OUTLETS WITH ROTARY SWITCH, WITHOUT FUSE-HOLDER BASE WITH BOTTOM - 50/60HZ - IP67

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 201 N	Ⓣ 2P+E	110 V	Yellow	4	1/12
GW 66 202 N	Ⓣ 3P+E	110 V	Yellow	4	1/12
GW 66 203 N	Ⓣ 3P+N+E	110 V	Yellow	4	1/12
GW 66 204 N	Ⓣ 2P+E	230 V	Blue	6	1/12
GW 66 205 N	Ⓣ 3P+E	230 V	Blue	9	1/12
GW 66 206 N	Ⓣ 3P+N+E	230 V	Blue	9	1/12
GW 66 207 N	Ⓣ 2P+E	400 V	Red	9	1/12
GW 66 208 N	Ⓣ 3P+E	400 V	Red	6	1/12
GW 66 209 N	Ⓣ 3P+N+E	400 V	Red	6	1/12
GW 66 210 N	Ⓣ 3P+E	500 V	Black	7	1/12
GW 66 211 N	Ⓣ 3P+N+E	500 V	Black	7	1/12
RATED CURRENT (A): 32					
GW 66 212 N	Ⓣ 2P+E	110 V	Yellow	4	1/12
GW 66 213 N	Ⓣ 3P+E	110 V	Yellow	4	1/12
GW 66 214 N	Ⓣ 3P+N+E	110 V	Yellow	4	1/12
GW 66 215 N	Ⓣ 2P+E	230 V	Blue	6	1/12
GW 66 216 N	Ⓣ 3P+E	230 V	Blue	9	1/12
GW 66 217 N	Ⓣ 3P+N+E	230 V	Blue	9	1/12
GW 66 218 N	Ⓣ 2P+E	400 V	Red	9	1/12
GW 66 219 N	Ⓣ 3P+E	400 V	Red	6	1/12
GW 66 220 N	Ⓣ 3P+N+E	400 V	Red	6	1/12
GW 66 221 N	Ⓣ 3P+E	500 V	Black	7	1/12
GW 66 222 N	Ⓣ 3P+N+E	500 V	Black	7	1/12
GW 66 257 N	Ⓣ 3P+E	380 - 440 V	Red	3	1/12
RATED CURRENT (A): 63					
GW 67 256 N	Ⓣ 2P+E	110 V	Yellow	4	1/4
GW 67 257 N	Ⓣ 3P+E	110 V	Yellow	4	1/4
GW 67 258 N	Ⓣ 3P+N+E	110 V	Yellow	4	1/4
GW 67 259 N	Ⓣ 2P+E	230 V	Blue	6	1/4
GW 67 260 N	Ⓣ 3P+E	230 V	Blue	9	1/4
GW 67 261 N	Ⓣ 3P+N+E	230 V	Blue	9	1/4
GW 67 262 N	Ⓣ 2P+E	400 V	Red	9	1/4
GW 67 263 N	Ⓣ 3P+E	400 V	Red	6	1/4
GW 67 264 N	Ⓣ 3P+N+E	400 V	Red	6	1/4
GW 67 265 N	Ⓣ 3P+E	500 V	Black	7	1/4
GW 67 266 N	Ⓣ 3P+N+E	500 V	Black	7	1/4

ACCESSORIES SUPPLIED: 4 screwcaps in insulating material, diam. 14/16mm

NOTE: codes with an "N" suffix refer to the products of the new range of IP67 vertical interlocked switched socket-outlets, and correspond to the product codes of the previous range without the letter "N" (except for the AUTOMATIKA version); they can therefore be installed on the Q-DIN boards of the previous SBF versions, allowing any replacement or modification even on already installed boards. Using the GW66715N adapters for 16-32A versions, and GW66716N for 63A versions, they can also be installed on the Q-DIN boards or modular bases of the previous CBF versions.

IP67 is guarantee only when the sockets are fixed to the wall using the brackets GW44621

GW66259N



INTERLOCKED VERTICAL SOCKET-OUTLETS WITH SAFETY TRANSFORMER (SELV) 230/24V 50/60HZ WITH BOTTOM - IP67

Code	No. of poles	Output voltage	Colour	Rated power	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 259 N	Ⓣ 2P	24 V	Violet	160 VA	1/4

CHARACTERISTICS: the socket-outlet is equipped with a thermal protection device. If the device trips, remove the plug from the socket-outlet and check the applied load.

ACCESSORIES SUPPLIED: 4 screwcaps in insulating material, diam. 14/16mm.

NOTE: codes with an "N" suffix refer to the products of the new range of IP67 vertical interlocked switched socket-outlets, and correspond to the product codes of the previous range without the letter "N" (except for the AUTOMATIKA version); they can therefore be installed on the Q-DIN boards of the previous SBF versions, allowing any replacement or modification even on already installed boards. Using the GW66715N adapters for 16-32A versions, and GW66716N for 63A versions, they can also be installed on the Q-DIN boards or modular bases of the previous CBF versions.

IP67 is guarantee only when the sockets are fixed to the wall using the brackets GW44621

WITH ROTARY SWITCH AND FUSE-HOLDER BASE (CBF) WITHOUT BOTTOM - IP67

GW66358N



IB RANGE

INTERLOCKED VERTICAL SOCKET-OUTLETS WITH ROTARY SWITCH, WITH FUSE-HOLDER BASE WITHOUT BOTTOM - 50/60HZ - IP67

Code	No. of poles	Rated voltage	Colour	Fuses	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 323 N	② 2P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/12
GW 66 324 N	② 3P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/12
GW 66 325 N	② 3P+N+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/12
GW 66 326 N	② 2P+E	230 V	Blue	Ø 10.3 x 38 mm	6	1/12
GW 66 327 N	② 3P+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/12
GW 66 328 N	② 3P+N+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/12
GW 66 329 N	② 2P+E	400 V	Red	Ø 10.3 x 38 mm	9	1/12
GW 66 330 N	② 3P+E	400 V	Red	Ø 10.3 x 38 mm	6	1/12
GW 66 331 N	② 3P+N+E	400 V	Red	Ø 10.3 x 38 mm	6	1/12
GW 66 332 N	② 3P+E	500 V	Black	Ø 10.3 x 38 mm	7	1/12
GW 66 333 N	② 3P+N+E	500 V	Black	Ø 10.3 x 38 mm	7	1/12
RATED CURRENT (A): 32						
GW 66 334 N	② 2P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/12
GW 66 335 N	② 3P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/12
GW 66 336 N	② 3P+N+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/12
GW 66 337 N	② 2P+E	230 V	Blue	Ø 10.3 x 38 mm	6	1/12
GW 66 338 N	② 3P+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/12
GW 66 339 N	② 3P+N+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/12
GW 66 340 N	② 2P+E	400 V	Red	Ø 10.3 x 38 mm	9	1/12
GW 66 341 N	② 3P+E	400 V	Red	Ø 10.3 x 38 mm	6	1/12
GW 66 342 N	② 3P+N+E	400 V	Red	Ø 10.3 x 38 mm	6	1/12
GW 66 343 N	② 3P+E	500 V	Black	Ø 10.3 x 38 mm	7	1/12
GW 66 344 N	② 3P+N+E	500 V	Black	Ø 10.3 x 38 mm	7	1/12
GW 66 358 N	② 3P+E	380 - 440 V	Red	Ø 10.3 x 38 mm	3	1/12
RATED CURRENT (A): 63						
GW 66 345 N	② 2P+E	110 V	Yellow	Ø 22 x 58 mm	4	1/4
GW 66 346 N	② 3P+E	110 V	Yellow	Ø 22 x 58 mm	4	1/4
GW 66 347 N	② 3P+N+E	110 V	Yellow	Ø 22 x 58 mm	4	1/4
GW 66 348 N	② 2P+E	230 V	Blue	Ø 22 x 58 mm	6	1/4
GW 66 349 N	② 3P+E	230 V	Blue	Ø 22 x 58 mm	9	1/4
GW 66 350 N	② 3P+N+E	230 V	Blue	Ø 22 x 58 mm	9	1/4
GW 66 351 N	② 2P+E	400 V	Red	Ø 22 x 58 mm	9	1/4
GW 66 352 N	② 3P+E	400 V	Red	Ø 22 x 58 mm	6	1/4
GW 66 353 N	② 3P+N+E	400 V	Red	Ø 22 x 58 mm	6	1/4
GW 66 354 N	② 3P+E	500 V	Black	Ø 22 x 58 mm	7	1/4
GW 66 355 N	② 3P+N+E	500 V	Black	Ø 22 x 58 mm	7	1/4

NOTE: codes with an "N" suffix refer to the products of the new range of IP67 vertical interlocked switched socket-outlets, and correspond to the product codes of the previous range without the letter "N" (except for the AUTOMATIKA version); they can therefore be installed on the Q-DIN boards of the previous SBF versions, allowing any replacement or modification even on already installed boards. Using the GW66715N adapters for 16-32A versions, and GW66716N for 63A versions, they can also be installed on the Q-DIN boards or modular bases of the previous CBF versions.

①=May 2010

②=June 2010

③=September 2010

WITH ROTARY SWITCH AND FUSE-HOLDER BASE (CBF) WITH BOTTOM - IP67

GW66258N



INTERLOCKED VERTICAL SOCKET-OUTLETS WITH ROTARY SWITCH, WITH FUSE-HOLDER BASE WITHOUT BOTTOM - 50/60HZ - IP67

Code	No. of poles	Rated voltage	Colour	Fuses	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 223 N	Ⓣ 2P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/12
GW 66 224 N	Ⓣ 3P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/12
GW 66 225 N	Ⓣ 3P+N+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/12
GW 66 226 N	Ⓣ 2P+E	230 V	Blue	Ø 10.3 x 38 mm	6	1/12
GW 66 227 N	Ⓣ 3P+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/12
GW 66 228 N	Ⓣ 3P+N+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/12
GW 66 229 N	Ⓣ 2P+E	400 V	Red	Ø 10.3 x 38 mm	9	1/12
GW 66 230 N	Ⓣ 3P+E	400 V	Red	Ø 10.3 x 38 mm	6	1/12
GW 66 231 N	Ⓣ 3P+N+E	400 V	Red	Ø 10.3 x 38 mm	6	1/12
GW 66 232 N	Ⓣ 3P+E	500 V	Black	Ø 10.3 x 38 mm	7	1/12
GW 66 233 N	Ⓣ 3P+N+E	500 V	Black	Ø 10.3 x 38 mm	7	1/12
RATED CURRENT (A): 32						
GW 66 234 N	Ⓣ 2P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/12
GW 66 235 N	Ⓣ 3P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/12
GW 66 236 N	Ⓣ 3P+N+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/12
GW 66 237 N	Ⓣ 2P+E	230 V	Blue	Ø 10.3 x 38 mm	6	1/12
GW 66 238 N	Ⓣ 3P+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/12
GW 66 239 N	Ⓣ 3P+N+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/12
GW 66 240 N	Ⓣ 2P+E	400 V	Red	Ø 10.3 x 38 mm	9	1/12
GW 66 241 N	Ⓣ 3P+E	400 V	Red	Ø 10.3 x 38 mm	6	1/12
GW 66 242 N	Ⓣ 3P+N+E	400 V	Red	Ø 10.3 x 38 mm	6	1/12
GW 66 243 N	Ⓣ 3P+E	500 V	Black	Ø 10.3 x 38 mm	7	1/12
GW 66 244 N	Ⓣ 3P+N+E	500 V	Black	Ø 10.3 x 38 mm	7	1/12
GW 66 258 N	Ⓣ 3P+E	380 - 440 V	Red	Ø 10.3 x 38 mm	3	1/12
RATED CURRENT (A): 63						
GW 67 245 N	Ⓣ 2P+E	110 V	Yellow	Ø 22 x 58 mm	4	1/4
GW 67 246 N	Ⓣ 3P+E	110 V	Yellow	Ø 22 x 58 mm	4	1/4
GW 67 247 N	Ⓣ 3P+N+E	110 V	Yellow	Ø 22 x 58 mm	4	1/4
GW 67 248 N	Ⓣ 2P+E	230 V	Blue	Ø 22 x 58 mm	6	1/4
GW 67 249 N	Ⓣ 3P+E	230 V	Blue	Ø 22 x 58 mm	9	1/4
GW 67 250 N	Ⓣ 3P+N+E	230 V	Blue	Ø 22 x 58 mm	9	1/4
GW 67 251 N	Ⓣ 2P+E	400 V	Red	Ø 22 x 58 mm	9	1/4
GW 67 252 N	Ⓣ 3P+E	400 V	Red	Ø 22 x 58 mm	6	1/4
GW 67 253 N	Ⓣ 3P+N+E	400 V	Red	Ø 22 x 58 mm	6	1/4
GW 67 254 N	Ⓣ 3P+E	500 V	Black	Ø 22 x 58 mm	7	1/4
GW 67 255 N	Ⓣ 3P+N+E	500 V	Black	Ø 22 x 58 mm	7	1/4

ACCESSORIES SUPPLIED: 4 screwcaps in insulating material, diam. 14/16mm.

NOTE: codes with an "N" suffix refer to the products of the new range of IP67 vertical interlocked switched socket-outlets, and correspond to the product codes of the previous range without the letter "N" (except for the AUTOMATIKA version); they can therefore be installed on the Q-DIN boards of the previous SBF versions, allowing any replacement or modification even on already installed boards. Using the GW66715N adapters for 16-32A versions, and GW66716N for 63A versions, they can also be installed on the Q-DIN boards or modular bases of the previous CBF versions.

IP67 is guarantee only when the sockets are fixed to the wall using the brackets GW44621

Ⓣ=May 2010

Ⓣ=June 2010

Ⓣ=September 2010

COMPONENTS FOR VERTICAL SOCKET-OUTLETS IP67

GW6678N



SURFACE-MOUNTING BOTTOM FOR VERTICAL SOCKET-OUTLETS - IP67

Code	Houseable interloc. socket	Houseable IB socket-outlets	Top entries	Bottom entries	Pack. Carton.
GW 66 678 N	② 1	16/32 A	2 x Ø 23	1 x Ø 29/37	1/12
GW 66 686	1	63 A	2 x Ø 29/37	1 x Ø 37/47	1/10

NOTE:GW66678N for socket-outlets with rotary, with fuse-holder base and Automatika 16-32A. GW66686 for socket-outlets with rotary and 63A fuse-holder base.

GW66741N



SURFACE-MOUNTING BOX WITH FLANGED LID PREARRANGED FOR 2 CAPS - IP67

Code	Houseable IB socket-outlets	Top entries	Bottom entries	Pack. Carton.
GW 66 741 N	② IEC 309 16-32A IP44/67 + N.1 16A MAX 3P+E or GW27401	2 x Ø 23	1 x Ø 29/37	1/10

APPLICATIONS: the "75x85 mm" dimension is suited for GW27401 COMBI-IN cover.

ACCESSORIES SUPPLIED: blank cap, gasket and 8 mounting screws.

GW66690



MODULAR BASES FOR MOUNTING COMBINATIONS OF FIXED VERTICAL SOCKET-OUTLETS - IP55

Code	Houseable interloc. socket	Houseable IB socket-outlets	Side entries	Top entries	Bottom entries	Pack. Carton.
GW 66 690	1	16/32 A	2 x Ø 23	2 x Ø 23		1/6
GW 66 691	2	16/32 A	4 x Ø 23	4 x Ø 23	1 x Ø 29	1/6
GW 66 694	3	16/32 A	2 x Ø 23	5 x Ø 23		1/6
GW 66 693	1	63 A	6 x Ø 23	2 x Ø 37/48		1/14

NOTE:the bases for 16/32A can house interlocked switched socket-outlets with rotary, fuse-holder base or Automatika.

ACCESSORIES SUPPLIED: 1 coupling device for combined assembly, GW66694, blank lid for closing socket-outlet compartment.

GW66693: to be ordered with the GW66716N adapter to convert 63A CBF IP55 vertical socket-outlets in 63A with IP67 rotary/fuse-holder base.

GW66683N



BOTTOM WITH FRAME FOR FLUSH-MOUNTING - IP55

Code	Houseable interloc. socket	Houseable IB socket-outlets	Pack. Carton.
GW 66 683 N	② 1	16/32 A with rotative, fuses or Automatika	1/10

NOTE: the box cannot house the version with 24V transformer.

GW66743N



BOX FOR FLUSH-MOUNTING WITH FLANGED COVER FITTED FOR 2 LIDS - IP55

Code	Houseable IB socket-outlets	Pack. Carton.
GW 66 743 N	② IEC 309 16-32A IP44/67 + N.1 16A MAX 3P+E or GW27401	1/10

APPLICATIONS: the "75x85 mm" dimension is suited for GW27401 COMBI-IN cover.

ACCESSORIES SUPPLIED: blank cap, gasket and 8 mounting screws.

GW66703N



BLANK LID FOR CLOSING INTERLOCKED SOCKET-OUTLET COMPARTMENT 16- 32A - IP65

Code	Description	Pack. Carton.
GW 66 703 N	② Lid for Vertical interlocked 16-32A	1/10

GW66709N



FLANGED LID PREARRANGED FOR 2 CAPS - IP67

Code	Houseable IB socket-outlets	Pack. Carton.
GW 66 709 N	② IEC 309 16-32A IP44/67 + N.1 16A MAX 3P+E or GW27401	1/10

GW66715N



ADAPTER

Code	Suitable for	Pack. Carton.
GW 66 715 N	② 16/32A vertical socket-outlets IP67	1/10
GW 66 716 N	② Install63A vertical so-outlets IP67	1/10

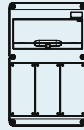
GW66715N for 16/32A IP67 vertical socket-outlets in boards, for 16/32A CBF IP55 socket-outlets.

GW66716N to install 63A IP67 vertical socket-outlets in GW66693 modular bases for CBF socket-outlets.

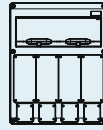
DISTRIBUTION BOARDS FOR VERTICAL SOCKET-OUTLETS - IP65



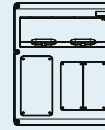
GW 68 025N



GW 68 010N



GW 68 015N



GW 68 022N

GW68010N



EMPTY Q-DIN 10/14/20 BOARDS WITH FLANGES - IP65

Code	Houseable interloc. socket	No. of modules EN 50022	Dispersible power A(W)	Dispersible power B (W)	Pack. Carton.
GW 68 025 N	Ⓞ 2 IB Vert. 16/32A IP67	10	16	42	6
GW 68 015 N	Ⓞ 4 IB Vert. 16/32A IP67 - 4 IEC 309 16A 2P+E IP44/67	20	30	92	2
GW 68 010 N	Ⓞ 3 IB Vert. 16/32A IP67	14	24	64	3
GW 68 022 N	Ⓞ 1 IB Vert. 63A IP67 - 2 IB Vert. 16/32A IP67	20	30	92	2

ACCESSORIES SUPPLIED: cable clamp and 4 screw caps.

NOTE: Dispersible power is calculated according to IEC60890 (CEI 17-43) standard. It refer to the 40K overtemperature, between the one inside and outside the board.

The boards can be equipped also with the vertical interlocked sockets IP55 SBF 16-32A.

GW68015N : the 4 covers 85x75mm can be used also with code GW27401.

IB RANGE

66 IB - HEAVY DUTY VERTICAL INTERLOCKED SOCKET OUTLETS

WITH ROTARY SWITCH WITHOUT FUSE HOLDER BASE, WITHOUT BOTTOM - IP66

GW66542



IB RANGE

VERTICAL INTERLOCKED SOCKET-OUTLETS - 50/60HZ					
Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 535	2P+E	110 V	Yellow	4	1/6
GW 66 536	3P+E	110 V	Yellow	4	1/6
GW 66 537	3P+N+E	110 V	Yellow	4	1/6
GW 66 538	2P+E	230 V	Blue	6	1/6
GW 66 539	3P+E	230 V	Blue	9	1/6
GW 66 540	3P+N+E	230 V	Blue	9	1/6
GW 66 541	2P+E	400 V	Red	9	1/6
GW 66 542	3P+E	400 V	Red	6	1/6
GW 66 543	3P+N+E	400 V	Red	6	1/6
GW 66 544	3P+E	500 V	Black	7	1/6
GW 66 545	3P+N+E	500 V	Black	7	1/6
RATED CURRENT (A): 32					
GW 66 546	2P+E	110 V	Yellow	4	1/6
GW 66 547	3P+E	110 V	Yellow	4	1/6
GW 66 548	3P+N+E	110 V	Yellow	4	1/6
GW 66 549	2P+E	230 V	Blue	6	1/6
GW 66 550	3P+E	230 V	Blue	9	1/6
GW 66 551	3P+N+E	230 V	Blue	9	1/6
GW 66 552	2P+E	400 V	Red	9	1/6
GW 66 553	3P+E	400 V	Red	6	1/6
GW 66 554	3P+N+E	400 V	Red	6	1/6
GW 66 555	3P+E	500 V	Black	7	1/6
GW 66 556	3P+N+E	500 V	Black	7	1/6
GW 66 557	3P+E	380 - 440 V	Red	3	1/6

WITH ROTARY SWITCH WITHOUT FUSE HOLDER BASE, WITH BOTTOM - IP66

GW66508



VERTICAL INTERLOCKED SOCKET-OUTLETS - 50/60HZ				
Code	No. of poles	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16				
GW 66 501	2P+E	Yellow	4	1/6
GW 66 502	3P+E	Yellow	4	1/6
GW 66 503	3P+E	Yellow	4	1/6
GW 66 504	2P+E	Blue	6	1/6
GW 66 505	3P+E	Blue	9	1/6
GW 66 506	3P+N+E	Blue	9	1/6
GW 66 507	2P+E	Red	9	1/6
GW 66 508	3P+E	Red	6	1/6
GW 66 509	3P+N+E	Red	6	1/6
GW 66 510	3P+E	Black	7	1/6
GW 66 511	3P+N+E	Black	7	1/6
RATED CURRENT (A): 32				
GW 66 512	2P+E	Yellow	4	1/6
GW 66 513	3P+E	Yellow	4	1/6
GW 66 514	3P+N+E	Yellow	4	1/6
GW 66 515	2P+E	Blue	6	1/6
GW 66 516	3P+E	Blue	9	1/6
GW 66 517	3P+N+E	Blue	9	1/6
GW 66 518	2P+E	Red	9	1/6
GW 66 519	3P+E	Red	6	1/6
GW 66 520	3P+N+E	Red	6	1/6
GW 66 521	3P+E	Black	7	1/6
GW 66 522	3P+N+E	Black	7	1/6
GW 66 523	3P+E	Red	3	1/6
RATED CURRENT (A): 63				
GW 66 524	2P+E	Yellow	4	1/3
GW 66 525	3P+E	Yellow	4	1/3
GW 66 526	3P+N+E	Yellow	4	1/3
GW 66 527	2P+E	Blue	6	1/3
GW 66 528	3P+E	Blue	9	1/3
GW 66 529	3P+N+E	Blue	9	1/3
GW 66 530	2P+E	Red	9	1/3
GW 66 531	3P+E	Red	6	1/3
GW 66 532	3P+N+E	Red	6	1/3
GW 66 533	3P+E	Black	7	1/3
GW 66 534	3P+N+E	Black	7	1/3

IB RANGE

WITH ROTARY SWITCH WITH 6 MODULES DIN RAIL FOR CIRCUIT BREAKERS, WITHOUT BOTTOM - IP66

GW66827



IB RANGE

VERTICAL INTERLOCKED SOCKET-OUTLETS FOR MOUNTING MODULAR DEVICES - 50/60HZ					
Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 824	2P+E	110 V	Yellow	4	1/6
GW 66 825	3P+E	110 V	Yellow	4	1/6
GW 66 826	3P+N+E	110 V	Yellow	4	1/6
GW 66 827	2P+E	230 V	Blue	6	1/6
GW 66 828	3P+E	230 V	Blue	9	1/6
GW 66 829	3P+N+E	230 V	Blue	9	1/6
GW 66 830	2P+E	400 V	Red	9	1/6
GW 66 831	3P+E	400 V	Red	6	1/6
GW 66 832	3P+N+E	400 V	Red	6	1/6
GW 66 833	3P+E	500 V	Black	7	1/6
GW 66 834	3P+N+E	500 V	Black	7	1/6
RATED CURRENT (A): 32					
GW 66 835	2P+E	110 V	Yellow	4	1/6
GW 66 836	3P+E	110 V	Yellow	4	1/6
GW 66 837	3P+N+E	110 V	Yellow	4	1/6
GW 66 838	2P+E	230 V	Blue	6	1/6
GW 66 839	3P+E	230 V	Blue	9	1/6
GW 66 840	3P+N+E	230 V	Blue	9	1/6
GW 66 841	2P+E	400 V	Red	9	1/6
GW 66 842	3P+E	400 V	Red	6	1/6
GW 66 843	3P+N+E	400 V	Red	6	1/6
GW 66 844	3P+E	500 V	Black	7	1/6
GW 66 845	3P+N+E	500 V	Black	7	1/6
GW 66 846	3P+E	380 - 440 V	Red	3	1/6

CHARACTERISTICS: 6 modules din rail inside.

WITH ROTARY SWITCH WITH 6 MODULES DIN RAIL FOR CIRCUIT BREAKERS, WITH BOTTOM - IP66

GW66988



VERTICAL INTERLOCKED SOCKET-OUTLETS FOR MOUNTING MODULAR DEVICES - 50/60HZ					
Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 974	2P+E	110 V	Yellow	4	1/6
GW 66 975	3P+E	110 V	Yellow	4	1/6
GW 66 976	3P+N+E	110 V	Yellow	4	1/6
GW 66 977	2P+E	230 V	Blue	6	1/6
GW 66 978	3P+E	230 V	Blue	9	1/6
GW 66 979	3P+N+E	230 V	Blue	9	1/6
GW 66 980	2P+E	400 V	Red	9	1/6
GW 66 981	3P+E	400 V	Red	6	1/6
GW 66 982	3P+N+E	400 V	Red	6	1/6
GW 66 983	3P+E	500 V	Black	7	1/6
GW 66 984	3P+N+E	500 V	Black	7	1/6
RATED CURRENT (A): 32					
GW 66 985	2P+E	110 V	Yellow	4	1/6
GW 66 986	3P+E	110 V	Yellow	4	1/6
GW 66 987	3P+N+E	110 V	Yellow	4	1/6
GW 66 988	2P+E	230 V	Blue	6	1/6
GW 66 989	3P+E	230 V	Blue	9	1/6
GW 66 990	3P+N+E	230 V	Blue	9	1/6
GW 66 991	2P+E	400 V	Red	9	1/6
GW 66 992	3P+E	400 V	Red	6	1/6
GW 66 993	3P+N+E	400 V	Red	6	1/6
GW 66 994	3P+E	500 V	Black	7	1/6
GW 66 995	3P+N+E	500 V	Black	7	1/6
GW 66 996	3P+E	380 - 440 V	Red	3	1/6
RATED CURRENT (A): 63					
GW 66 866	2P+E	110 V	Yellow	4	1/3
GW 66 867	3P+E	110 V	Yellow	4	1/3
GW 66 868	3P+N+E	110 V	Yellow	4	1/3
GW 66 869	2P+E	230 V	Blue	6	1/3
GW 66 870	3P+E	230 V	Blue	9	1/3
GW 66 871	3P+N+E	230 V	Blue	9	1/3
GW 66 872	2P+E	400 V	Red	9	1/3
GW 66 873	3P+E	400 V	Red	6	1/3
GW 66 874	3P+N+E	400 V	Red	6	1/3
GW 66 875	3P+E	500 V	Black	7	1/3
GW 66 876	3P+N+E	500 V	Black	7	1/3

CHARACTERISTICS: 6 modules din rail inside.

WITH ROTARY SWITCH WITH FUSE HOLDER BASE, WITHOUT BOTTOM - IP66

GW66809



VERTICAL INTERLOCKED SOCKET-OUTLETS AND FUSE HOLDER BASE - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Fuses	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 801	2P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/6
GW 66 802	3P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/6
GW 66 803	3P+N+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/6
GW 66 804	2P+E	230 V	Blue	Ø 10.3 x 38 mm	6	1/6
GW 66 805	3P+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/6
GW 66 806	3P+N+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/6
GW 66 807	2P+E	400 V	Red	Ø 10.3 x 38 mm	9	1/6
GW 66 808	3P+E	400 V	Red	Ø 10.3 x 38 mm	6	1/6
GW 66 809	3P+N+E	400 V	Red	Ø 10.3 x 38 mm	6	1/6
GW 66 810	3P+E	500 V	Black	Ø 10.3 x 38 mm	7	1/6
GW 66 811	3P+N+E	500 V	Black	Ø 10.3 x 38 mm	7	1/6
RATED CURRENT (A): 32						
GW 66 812	2P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/6
GW 66 813	3P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/6
GW 66 814	3P+N+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/6
GW 66 815	2P+E	230 V	Blue	Ø 10.3 x 38 mm	6	1/6
GW 66 816	3P+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/6
GW 66 817	3P+N+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/6
GW 66 818	2P+E	400 V	Red	Ø 10.3 x 38 mm	9	1/6
GW 66 819	3P+E	400 V	Red	Ø 10.3 x 38 mm	6	1/6
GW 66 820	3P+N+E	400 V	Red	Ø 10.3 x 38 mm	6	1/6
GW 66 821	3P+E	500 V	Black	Ø 10.3 x 38 mm	7	1/6
GW 66 822	3P+N+E	500 V	Black	Ø 10.3 x 38 mm	7	1/6
GW 66 823	3P+E	380 - 440 V	Red	Ø 10.3 x 38 mm	3	1/6

GW66886



VERTICAL SOCKET-OUTLET WITH SAFETY TRANSFORMER (SELV) 230V / 24V - 50/60HZ - IP66

Code	No. of poles	Output voltage	Colour	Rated power	Fuses	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 886	2P	24 V	Violet	160 VA	Ø 10.3 x 38 mm	1/4

CHARACTERISTICS: the socket-outlet is equipped with a thermal protection device.

If the device intervenes, extract the plug from the socket-outlet and check the applied load.

ACCESSORIES SUPPLIED: fuses (2A for primary and 6A for secondary).

WITH ROTARY SWITCH WITH FUSE HOLDER BASE, WITH BOTTOM - IP66

GW66959



VERTICAL INTERLOCKED SOCKET-OUTLETS AND FUSE HOLDER BASE - 50/60HZ						
Code	No. of poles	Rated voltage	Colour	Fuses	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 951	2P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/6
GW 66 952	3P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/6
GW 66 953	3P+N+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/6
GW 66 954	2P+E	230 V	Blue	Ø 10.3 x 38 mm	6	1/6
GW 66 955	3P+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/6
GW 66 956	3P+N+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/6
GW 66 957	2P+E	400 V	Red	Ø 10.3 x 38 mm	9	1/6
GW 66 958	3P+E	400 V	Red	Ø 10.3 x 38 mm	6	1/6
GW 66 959	3P+N+E	400 V	Red	Ø 10.3 x 38 mm	6	1/6
GW 66 960	3P+E	500 V	Black	Ø 10.3 x 38 mm	7	1/6
GW 66 961	3P+N+E	500 V	Black	Ø 10.3 x 38 mm	7	1/6
RATED CURRENT (A): 32						
GW 66 962	2P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/6
GW 66 963	3P+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/6
GW 66 964	3P+N+E	110 V	Yellow	Ø 10.3 x 38 mm	4	1/6
GW 66 965	2P+E	230 V	Blue	Ø 10.3 x 38 mm	6	1/6
GW 66 966	3P+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/6
GW 66 967	3P+N+E	230 V	Blue	Ø 10.3 x 38 mm	9	1/6
GW 66 968	2P+E	400 V	Red	Ø 10.3 x 38 mm	9	1/6
GW 66 969	3P+E	400 V	Red	Ø 10.3 x 38 mm	6	1/6
GW 66 970	3P+N+E	400 V	Red	Ø 10.3 x 38 mm	6	1/6
GW 66 971	3P+E	500 V	Black	Ø 10.3 x 38 mm	7	1/6
GW 66 972	3P+N+E	500 V	Black	Ø 10.3 x 38 mm	7	1/6
GW 66 973	3P+E	380 - 440 V	Red	Ø 10.3 x 38 mm	3	1/6
RATED CURRENT (A): 63						
GW 66 847	2P+E	110 V	Yellow	Ø 22 x 58 mm	4	1/3
GW 66 848	3P+E	110 V	Yellow	Ø 22 x 58 mm	4	1/3
GW 66 849	3P+N+E	110 V	Yellow	Ø 22 x 58 mm	4	1/3
GW 66 850	2P+E	230 V	Blue	Ø 22 x 58 mm	6	1/3
GW 66 851	3P+E	230 V	Blue	Ø 22 x 58 mm	9	1/3
GW 66 852	3P+N+E	230 V	Blue	Ø 22 x 58 mm	9	1/3
GW 66 853	2P+E	400 V	Yellow	Ø 22 x 58 mm	9	1/3
GW 66 854	3P+E	400 V	Red	Ø 22 x 58 mm	6	1/3
GW 66 855	3P+N+E	400 V	Red	Ø 22 x 58 mm	6	1/3
GW 66 856	3P+E	500 V	Black	Ø 22 x 58 mm	7	1/3
GW 66 857	3P+N+E	500 V	Black	Ø 22 x 58 mm	7	1/3

GW66998



VERTICAL SOCKET-OUTLET WITH SAFETY TRANSFORMER (SELV) - 230V / 24V - 50HZ - IP66						
Code	No. of poles	Output voltage	Colour	Rated power	Fuses	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 998	2P	24 V	Violet	160 VA	Ø 10.3 x 38 mm	1/4

CHARACTERISTICS: the socket-outlet is equipped with a thermal protection device.
If the device intervenes, extract the plug from the socket-outlet and check the applied load.
ACCESSORIES SUPPLIED: fuses (2A for primary and 6A for secondary).

COMPONENTS FOR VERTICAL INTERLOCKED SOCKET-OUTLETS - IP66

GW66685



SURFACE-MOUNTING BOTTOM FOR VERTICAL FIXED SOCKET-OUTLETS FOR HEAVY-DUTY USE IP66

Code	Houseable interloc. socket	Houseable IB socket-outlets	Pack. Carton.
GW 66 685	1	16/32 A SELV	1/10

CHARACTERISTICS: Equipped with top and bottom centres to make the holes for mounting the cable glands PG 21 / 29.

GW66700



MODULAR BASES FOR COMBINATION MOUNTING OF VERTICAL SOCKET-OUTLETS FOR HEAVY-DUTY USE - IP66

Code	Houseable interloc. socket	Houseable IB socket-outlets	Side entries	Top entries	Bottom entries	Pack. Carton.
GW 66 696	1	16/32 A SELV	2 x Ø 23	2 x Ø 23/29		1/6
GW 66 697	2	16/32 A SELV	4 x Ø 23	4 x Ø 23/29	1 x Ø 29/37	1/2
GW 66 698	3	16/32 A SELV	2 x Ø 23	5 x Ø 23/29	1 x Ø 29/37	1/2
GW 66 700	1	63 A	6 x Ø 23	2 x Ø 37/48		1/6

Installation of the 63 A version is possible after removal of the socket-outlet base.

GW66781



MODULAR BASES WITH PANEL AND WITH WINDOW WITH EN 50022 DIN RAIL - IP66

Code	Houseable interloc. socket	Houseable IB socket-outlets	Side entries	Top entries	Bottom entries	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 66 781	1	16/32 A SELV	2 x Ø 23	2 x Ø 23/29		6	18	1/6
GW 66 782	2	16/32 A SELV	4 x Ø 23	4 x Ø 23/29	1 x Ø 29/37	12	27	1/2
GW 66 783	3	16/32 A SELV	2 x Ø 23	5 x Ø 23/29	1 x Ø 29/37	18	34	1/2
GW 66 784	1	63 A	6 x Ø 23	2 x Ø 37/48		6	18	1/6

CHARACTERISTICS: Possibility of installing security cylinder lock GW40422 (supplied with 2 keys).

Installation of the 63 A version is possible after removal of the socket-outlet base.

GW66706



BLANK LID VERTICAL FIXED SOCKET-OUTLET COMPARTMENT FOR HEAVY-DUTY USE - IP66

Code	For Modular bases	For back boxes	Pack. Carton.
GW 66 706	GW66696 - GW66697 - GW66698 - GW66781 - GW66782 - GW66783	GW66685	1/10

GW66707



FLANGED LID FITTED FOR 2 COVERS - IP66

Code	Cover dimensions mm	Pack. Carton.
GW 66 707	85x75 - 95x80	1/10

APPLICATIONS: possibility of mounting on modular bases GW66696-GW66697-GW66698-GW66781-GW66782-GW66783 or on surface mounting box GW66685.

The "85x75 mm" dimension is suited for mounting IEC309 16A devices or GW27401 COMBI-IN weatherproof cover;

The "95x80 mm" dimension is suited for mounting IEC309 32A devices.

ACCESSORIES SUPPLIED: blank cover, gasket and 8 screws.

66 IB - VERTICAL SOCKET-OUTLETS ELECTRICAL INTERLOCKED FOR HEAVY-DUTY

WITH MINIATURE CIRCUIT BREAKER - IP55

GW66585



WATERTIGHT VERTICAL SURFACE-MOUNTING SOCKET-OUTLETS WITH ELECTRIC INTERLOCK - CIRCUIT BREAKER PROTECTION - IN 125A - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 125					
GW 66 581	3P+E	110 V	Yellow	4	1
GW 66 582	3P+N+E	110 V	Yellow	4	1
GW 66 583	3P+E	230 V	Blue	9	1
GW 66 584	3P+N+E	230 V	Blue	9	1
GW 66 585	3P+E	400 V	Red	6	1
GW 66 586	3P+N+E	400 V	Red	6	1
GW 66 587	3P+E	500 V	Black	7	1
GW 66 588	3P+N+E	500 V	Black	7	1

CHARACTERISTICS: miniature circuit breaker: In= 125A, C curve, Icu (380/415V)= 25kA, electrical life= 10,000 cycles, Insulating voltage Ui= 690V.
Terminal capacity: flexible cables: 10-50 mm², rigid cables: 16-70 mm².

WITH RESIDUAL CURRENT MINIATURE CIRCUIT BREAKER - IP55

GW66595



WATERTIGHT VERTICAL SURFACE-MOUNTING SOCKET-OUTLETS WITH ELECTRIC INTERLOCK - RESIDUAL CURRENT CIRCUIT BREAKER PROTECTION - IN 125A - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 125					
GW 66 591	3P+E	110 V	Yellow	4	1
GW 66 592	3P+N+E	110 V	Yellow	4	1
GW 66 593	3P+E	230 V	Blue	9	1
GW 66 594	3P+N+E	230 V	Blue	9	1
GW 66 595	3P+E	400 V	Red	6	1
GW 66 596	3P+N+E	400 V	Red	6	1
GW 66 597	3P+E	500 V	Black	7	1
GW 66 598	3P+N+E	500 V	Black	7	1

CHARACTERISTICS: residual current circuit breaker In= 125A, class A, Sensitivity= adjustable 30-1,000mA instantaneous and selective, Insulating voltage Ui= 690V.
Terminal capacity: flexible cables: 10-50 mm², rigid cables: 16-50 mm².

COMBIBLOC - COMPACT SOCKET-OUTLETS

WITHOUT BOTTOM - IP44

GW66441



COMPACT INTERLOCKED SOCKET-OUTLETS - 50/60 HZ					
Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 423	2P+E	110 V	Yellow	4	1/12
GW 66 424	3P+E	110 V	Yellow	4	1/12
GW 66 425	3P+N+E	110 V	Yellow	4	1/12
GW 66 426	2P+E	230 V	Blue	6	1/12
GW 66 427	3P+E	230 V	Blue	9	1/12
GW 66 428	3P+N+E	230 V	Blue	9	1/12
GW 66 429	2P+E	400 V	Red	9	1/12
GW 66 430	3P+E	400 V	Red	6	1/12
GW 66 431	3P+N+E	400 V	Red	6	1/12
RATED CURRENT (A): 32					
GW 66 434	2P+E	110 V	Yellow	4	1/12
GW 66 435	3P+E	110 V	Yellow	4	1/12
GW 66 436	3P+N+E	110 V	Yellow	4	1/12
GW 66 437	2P+E	230 V	Blue	6	1/12
GW 66 438	3P+E	230 V	Blue	9	1/12
GW 66 439	3P+N+E	230 V	Blue	9	1/12
GW 66 440	2P+E	400 V	Red	9	1/12
GW 66 441	3P+E	400 V	Red	6	1/12
GW 66 442	3P+N+E	400 V	Red	6	1/12

WITH BOTTOM - IP44

GW66404



COMPACT INTERLOCKED SOCKET-OUTLETS - 50/60 HZ					
Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 401	2P+E	110 V	Yellow	4	1/12
GW 66 402	3P+E	110 V	Yellow	4	1/12
GW 66 403	3P+N+E	110 V	Yellow	4	1/12
GW 66 404	2P+E	230 V	Blue	6	1/12
GW 66 405	3P+E	230 V	Blue	9	1/12
GW 66 406	3P+N+E	230 V	Blue	9	1/12
GW 66 407	2P+E	400 V	Red	9	1/12
GW 66 408	3P+E	400 V	Red	6	1/12
GW 66 409	3P+N+E	400 V	Red	6	1/12
RATED CURRENT (A): 32					
GW 66 412	2P+E	110 V	Yellow	4	1/12
GW 66 413	3P+E	110 V	Yellow	4	1/12
GW 66 414	3P+N+E	110 V	Yellow	4	1/12
GW 66 415	2P+E	230 V	Blue	6	1/12
GW 66 416	3P+E	230 V	Blue	9	1/12
GW 66 417	3P+N+E	230 V	Blue	9	1/12
GW 66 418	2P+E	400 V	Red	9	1/12
GW 66 419	3P+E	400 V	Red	6	1/12
GW 66 420	3P+N+E	400 V	Red	6	1/12

WITHOUT BOTTOM - IP55

GW66481



COMPACT INTERLOCKED SOCKET-OUTLETS - 50/60 HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 467	2P+E	110 V	Yellow	4	1/12
GW 66 468	3P+E	110 V	Yellow	4	1/12
GW 66 469	3P+N+E	110 V	Yellow	4	1/12
GW 66 470	2P+E	230 V	Blue	6	1/12
GW 66 471	3P+E	230 V	Blue	9	1/12
GW 66 472	3P+N+E	230 V	Blue	9	1/12
GW 66 473	2P+E	400 V	Red	9	1/12
GW 66 474	3P+E	400 V	Red	6	1/12
GW 66 475	3P+N+E	400 V	Red	6	1/12
RATED CURRENT (A): 32					
GW 66 478	2P+E	110 V	Yellow	4	1/12
GW 66 479	3P+E	110 V	Yellow	4	1/12
GW 66 480	3P+N+E	110 V	Yellow	4	1/12
GW 66 481	2P+E	230 V	Blue	6	1/12
GW 66 482	3P+E	230 V	Blue	9	1/12
GW 66 483	3P+N+E	230 V	Blue	9	1/12
GW 66 484	2P+E	400 V	Red	9	1/12
GW 66 485	3P+E	400 V	Red	6	1/12
GW 66 486	3P+N+E	400 V	Red	6	1/12

NOTE: the gasket is inserted in the complementary items, bottom box and distribution boards

WITH BOTTOM - IP55

GW66453



COMPACT INTERLOCKED SOCKET-OUTLETS - 50/60 HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 445	2P+E	110 V	Yellow	4	1/12
GW 66 446	3P+E	110 V	Yellow	4	1/12
GW 66 447	3P+N+E	110 V	Yellow	4	1/12
GW 66 448	2P+E	230 V	Blue	6	1/12
GW 66 449	3P+E	230 V	Blue	9	1/12
GW 66 450	3P+N+E	230 V	Blue	9	1/12
GW 66 451	2P+E	400 V	Red	9	1/12
GW 66 452	3P+E	400 V	Red	6	1/12
GW 66 453	3P+N+E	400 V	Red	6	1/12
RATED CURRENT (A): 32					
GW 66 456	2P+E	110 V	Yellow	4	1/12
GW 66 457	3P+E	110 V	Yellow	4	1/12
GW 66 458	3P+N+E	110 V	Yellow	4	1/12
GW 66 459	2P+E	230 V	Blue	6	1/12
GW 66 460	3P+E	230 V	Blue	9	1/12
GW 66 461	3P+N+E	230 V	Blue	9	1/12
GW 66 462	2P+E	400 V	Red	9	1/12
GW 66 463	3P+E	400 V	Red	6	1/12
GW 66 464	3P+N+E	400 V	Red	6	1/12

COMPONENTS FOR ALL COMBIBLOC SOCKETS

GW66496



BOTTOM FOR COMPACT SOCKET-OUTLETS - IP55

Code	Houseable interloc. socket	Houseable IB socket-outlets	Side entries	Top entries	Bottom entries	Pack. Carton.
GW 66 496	1	Compact 16A/32A	2 x Ø 23	1 x Ø 23/29	1 x Ø 29/23	1/12

ACCESSORIES SUPPLIED: gasket for Combibloc

GW66498



FLUSH-MOUNTING BOX WITH FRAME - IP55

Code	Houseable interloc. socket	Houseable IB socket-outlets	Pack. Carton.
GW 66 498	1	Compact 16A/32A	1/12

APPLICATIONS: possibility of mounting on rectangular flush-mounting box for modular ranges (GW24303 and GW24203) with 83.5-mm distance between centres and on 48 PT range junction box (GW48002).

ACCESSORIES SUPPLIED: seal for COMBIBLOC socket.

GW40422



SAFETY LOCK WITH KEY

Code	Material	Pack. Carton.
GW 40 422	Pressure die-cast metal	1/10

ACCESSORIES SUPPLIED: 2 keys. All keys are supplied with standardised code.

GW68441



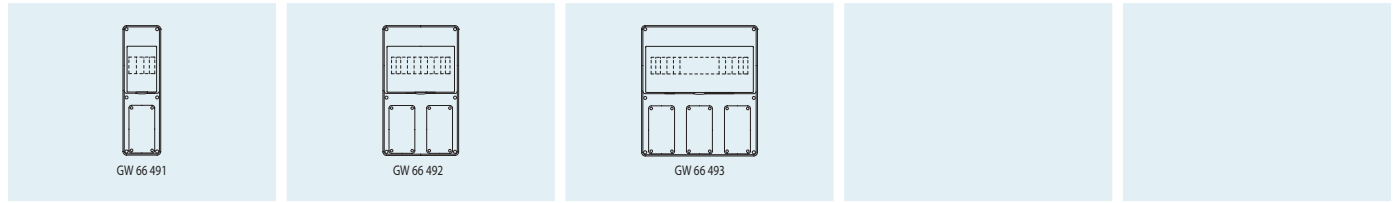
FLOOR MOUNTING AND WORKBENCH TOWER - IP55

Code	Outer dim. LxHxD (mm)	Houseable IB socket-outlets	Pack. Carton.
GW 68 441	200x295x180	Compact 16A/32A	1/6

CHARACTERISTICS: opposing flanges with smooth and honeycomb surface to secure interlocked socket-outlets.

APPLICATIONS: installed combined using the coupler GW26406.

DISTRIBUTION BOARDS FOR COMBIBLOC SOCKET-OUTLET - IP55



GW66493

EMPTY BOARDS FOR FIXED COMPACT SOCKET-OUTLETS

Code	N. flanged lids	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 66 491	1 COMBIBLOC 16/32A	4	10	1/12
GW 66 492	2 COMBIBLOC 16/32A	8	13	1/6
GW 66 493	3 COMBIBLOC 16/32A	12	24	1/4

CHARACTERISTICS: the transparent door is pre-arranged for the GW40422 security lock.

ACCESSORIES SUPPLIED: sealing gaskets for Combibloc socket-outlets.



GW40401

ISOLATED NEUTRAL AND EARTH TERMINAL BLOCKS

Code	Terminal block N (mm ²)	Terminal block T (mm ²)	Suitable for	Fixing	Pack. Carton.
GW 40 401	(1x25)+(7x10)	(1x25)+(7x10)	GW66492	With screws	20
GW 40 402	(3x25)+(10x10)	(3x25)+(10x10)	GW66493	With screws	20

ACCESSORIES SUPPLIED: fixing screws.

44 IB - HORIZONTAL SOCKET-OUTLETS

WITHOUT BOTTOM, WITHOUT FUSE-HOLDER BASE - IP44

GW66108



IB RANGE

HORIZONTAL INTERLOCKED SOCKET OUTLETS - 50/60HZ					
Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 101	2P+E	110 V	Yellow	4	1/12
GW 66 102	3P+E	110 V	Yellow	4	1/12
GW 66 103	3P+N+E	110 V	Yellow	4	1/12
GW 66 104	2P+E	230 V	Blue	6	1/12
GW 66 105	3P+E	230 V	Blue	9	1/12
GW 66 106	3P+N+E	230 V	Blue	9	1/12
GW 66 107	2P+E	400 V	Red	9	1/12
GW 66 108	3P+E	400 V	Red	6	1/12
GW 66 109	3P+N+E	400 V	Red	6	1/12
GW 66 110	3P+E	500 V	Black	7	1/12
GW 66 111	3P+N+E	500 V	Black	7	1/12
RATED CURRENT (A): 32					
GW 66 112	2P+E	110 V	Yellow	4	1/12
GW 66 113	3P+E	110 V	Yellow	4	1/12
GW 66 114	3P+N+E	110 V	Yellow	4	1/12
GW 66 115	2P+E	230 V	Blue	6	1/12
GW 66 116	3P+E	230 V	Blue	9	1/12
GW 66 117	3P+N+E	230 V	Blue	9	1/12
GW 66 118	2P+E	400 V	Red	9	1/12
GW 66 119	3P+E	400 V	Red	6	1/12
GW 66 120	3P+N+E	400 V	Red	6	1/12
GW 66 121	3P+E	500 V	Black	7	1/12
GW 66 122	3P+N+E	500 V	Black	7	1/12

WITH BOTTOM, WITHOUT FUSE-HOLDER BASE - IP44

GW66004



HORIZONTAL INTERLOCKED SOCKET OUTLETS - 50/60HZ					
Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 001	2P+E	110 V	Yellow	4	1/12
GW 66 002	3P+E	110 V	Yellow	4	1/12
GW 66 003	3P+N+E	110 V	Yellow	4	1/12
GW 66 004	2P+E	230 V	Blue	6	1/12
GW 66 005	3P+E	230 V	Blue	9	1/12
GW 66 006	3P+N+E	230 V	Blue	9	1/12
GW 66 007	2P+E	400 V	Red	9	1/12
GW 66 008	3P+E	400 V	Red	6	1/12
GW 66 009	3P+N+E	400 V	Red	6	1/12
GW 66 010	3P+E	500 V	Black	7	1/12
GW 66 011	3P+N+E	500 V	Black	7	1/12
RATED CURRENT (A): 32					
GW 66 012	2P+E	110 V	Yellow	4	1/12
GW 66 013	3P+E	110 V	Yellow	4	1/12
GW 66 014	3P+N+E	110 V	Yellow	4	1/12
GW 66 015	2P+E	230 V	Blue	6	1/12
GW 66 016	3P+E	230 V	Blue	9	1/12
GW 66 017	3P+N+E	230 V	Blue	9	1/12
GW 66 018	2P+E	400 V	Red	9	1/12
GW 66 019	3P+E	400 V	Red	6	1/12
GW 66 020	3P+N+E	400 V	Red	6	1/12
GW 66 021	3P+E	500 V	Black	7	1/12
GW 66 022	3P+N+E	500 V	Black	7	1/12

ACCESSORIES SUPPLIED: coupling for Ø 20 mm conduits and Ø 23 mm cable gland.

WITHOUT BOTTOM, WITH FUSE-HOLDER BASE - IP44

GW66131



HORIZONTAL INTERLOCKED SOCKET OUTLETS WITH FUSE HOLDER BASE - 50/60HZ						
Code	No. of poles	Rated voltage	Colour	Fuses	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 123	2P+E	110 V	Yellow	E14	4	1/12
GW 66 124	3P+E	110 V	Yellow	E14	4	1/12
GW 66 125	3P+N+E	110 V	Yellow	E14	4	1/12
GW 66 126	2P+E	230 V	Blue	E14	6	1/12
GW 66 127	3P+E	230 V	Blue	E14	9	1/12
GW 66 128	3P+N+E	230 V	Blue	E14	9	1/12
GW 66 129	2P+E	400 V	Red	E14	9	1/12
GW 66 130	3P+E	400 V	Red	E14	6	1/12
GW 66 131	3P+N+E	400 V	Red	E14	6	1/12
GW 66 132	3P+E	500 V	Black	E14	7	1/12
GW 66 133	3P+N+E	500 V	Black	E14	7	1/12
RATED CURRENT (A): 32						
GW 66 134	2P+E	110 V	Yellow	E18	4	1/12
GW 66 135	3P+E	110 V	Yellow	E18	4	1/12
GW 66 136	3P+N+E	110 V	Yellow	E18	4	1/12
GW 66 137	2P+E	230 V	Blue	E18	6	1/12
GW 66 138	3P+E	230 V	Blue	E18	9	1/12
GW 66 139	3P+N+E	230 V	Blue	E18	9	1/12
GW 66 140	2P+E	400 V	Red	E18	9	1/12
GW 66 141	3P+E	400 V	Red	E18	6	1/12
GW 66 142	3P+N+E	400 V	Red	E18	6	1/12
GW 66 143	3P+E	500 V	Black	E18	7	1/12
GW 66 144	3P+N+E	500 V	Black	E18	7	1/12

WITH BOTTOM, WITH FUSE-HOLDER BASE - IP44

GW66026



HORIZONTAL INTERLOCKED SOCKET OUTLETS WITH FUSE HOLDER BASE - 50/60HZ						
Code	No. of poles	Rated voltage	Colour	Fuses	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 023	2P+E	110 V	Yellow	E14	4	1/12
GW 66 024	3P+E	110 V	Yellow	E14	4	1/12
GW 66 025	3P+N+E	110 V	Yellow	E14	4	1/12
GW 66 026	2P+E	230 V	Blue	E14	6	1/12
GW 66 027	3P+E	230 V	Blue	E14	9	1/12
GW 66 028	3P+N+E	230 V	Blue	E14	9	1/12
GW 66 029	2P+E	400 V	Red	E14	9	1/12
GW 66 030	3P+E	400 V	Red	E14	6	1/12
GW 66 031	3P+N+E	400 V	Red	E14	6	1/12
GW 66 032	3P+E	500 V	Black	E14	7	1/12
GW 66 033	3P+N+E	500 V	Black	E14	7	1/12
RATED CURRENT (A): 32						
GW 66 034	2P+E	110 V	Yellow	E18	4	1/12
GW 66 035	3P+E	110 V	Yellow	E18	4	1/12
GW 66 036	3P+N+E	110 V	Yellow	E18	4	1/12
GW 66 037	2P+E	230 V	Blue	E18	6	1/12
GW 66 038	3P+E	230 V	Blue	E18	9	1/12
GW 66 039	3P+N+E	230 V	Blue	E18	9	1/12
GW 66 040	2P+E	400 V	Red	E18	9	1/12
GW 66 041	3P+E	400 V	Red	E18	6	1/12
GW 66 042	3P+N+E	400 V	Red	E18	6	1/12
GW 66 043	3P+E	500 V	Black	E18	7	1/12
GW 66 044	3P+N+E	500 V	Black	E18	7	1/12

ACCESSORIES SUPPLIED: coupling for Ø 20 and Ø 25 mm conduits and Ø 29 mm cable gland.

COMPONENTS FOR SOCKET-OUTLETS WITHOUT FUSE-HOLDER BASE - IP44

GW66676



SURFACE-MOUNTING BOTTOM - IP44

Code	Houseable interloc. socket	Houseable IB socket-outlets	Side entries	Top entries	Bottom entries	Pack. Carton.
GW 66 676	1	16/32 A	4 x Ø 23	3 x Ø 23	3 x Ø 23	1/10

GW66681



FLUSH-MOUNTING BOTTOM WITH FRAME - IP44

Code	Houseable interloc. socket	Houseable IB socket-outlets	Pack. Carton.
GW 66 681	1	16/32 A	1/10

GW66701



COVER FOR CLOSING HORIZONTAL SOCKET-OUTLET COMPARTMENT - IP44

Code	For distribution boards	For back boxes	For flush-mounting boxes	Pack. Carton.
GW 66 701	GW68006/09/19	GW66676	GW66681	1/10

DISTRIBUTION BOARDS FOR SOCKET-OUTLETS WITHOUT FUSE-HOLDER BASE



GW 68 019N



GW 68 006N



GW 68 009N

GW68006N



EMPTY Q-DIN 10/14 BOARDS WITH FLANGES - IP65

Code	Houseable interloc. socket	No. of modules EN 50022	Dispersible power A(W)	Dispersible power B (W)	Pack. Carton.
GW 68 019 N	② 2 IB Horiz. 16/32A SBF IP44 overlapping	10	16	42	6
GW 68 006 N	③ 2 IB Horiz. 16/32A SBF IP44 side by side	14	24	64	4
GW 68 009 N	③ 4 IB Horiz. 16/32A SBF IP44	14	24	64	3

ACCESSORIES SUPPLIED: cable clamp and 4 screw caps.

NOTE: Dispersible power is calculated according to IEC60890 (CEI 17-43) standard. It refer to the 40K overtemperature, between the one inside and outside the board.

GW68006



EMPTY Q-DIN 8/12 BOARDS WITH FLANGES - IP55

Code	Houseable interloc. socket	Type	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 019	2	16A/32A overlapping	8	13	6
GW 68 006	2	16A/32A side-by-side	12	24	4
GW 68 009	4	16A/32A	12	24	3

ACCESSORIES SUPPLIED: cable clamp and 4 screw caps.

TECHNICAL COMPONENTS FOR SOCKET-OUTLETS WITH FUSE-HOLDER BASE - IP44

GW6677



SURFACE-MOUNTING BOTTOM - IP44

Code	Houseable interloc. socket	Houseable IB socket-outlets	Side entries	Top entries	Bottom entries	Pack. Carton.
GW 66 677	1	16/32 A	4 x Ø 23	2 x Ø 23 - 1 x Ø 29	2 x Ø 23 - 1 x Ø 29	1/10

GW6682



FLUSH MOUNTING BOTTOM WITH FRAME - IP44

Code	Houseable interloc. socket	Houseable IB socket-outlets	Pack. Carton.
GW 66 682	1	16/32 A	1/10

GW66702



COVER FOR CLOSING HORIZONTAL SOCKET-OUTLET COMPARTMENT - IP44

Code	Description	Pack. Carton.
GW 66 702	Blank lid for closing horizontal socket-outlet seat	1/10

DISTRIBUTION BOARDS FOR SOCKET-OUTLETS WITH FUSE-HOLDER BASE - IP65



GW 68 014N

GW68014N



EMPTY Q-DIN 20 BOARD WITH FLANGES - IP65

Code	Houseable interloc. socket	No. of modules EN 50022	Dispersible power A(W)	Dispersible power B (W)	Pack. Carton.
GW 68 014 N	② 4 IB Horiz. 16/32A CBF IP44	20	30	92	2

ACCESSORIES SUPPLIED: 6 screw caps, flush-mounting frame and door with lock (2 keys supplied).

NOTE: Dispersible power is calculated according to IEC60890 (CEI 17-43) standard. It refer to the 40K overtemperature, between the one inside and outside the board.

GW68014



EMPTY Q-DIN 18 BOARD WITH FLANGES - IP55

Code	Houseable interloc. socket	Type	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 014	4	16A/32A	18	30	2

ACCESSORIES SUPPLIED: 6 screw caps, flush-mounting frame and door with lock (2 keys supplied).

55 IB - VERTICAL SOCKET-OUTLETS

WITHOUT BOTTOM WITHOUT FUSES - IP55

GW66308



IB RANGE

VERTICAL INTERLOCKED SOCKET-OUTLETS - 50/60HZ					
Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 301	2P+E	110 V	Yellow	4	1/12
GW 66 302	3P+E	110 V	Yellow	4	1/12
GW 66 303	3P+N+E	110 V	Yellow	4	1/12
GW 66 304	2P+E	230 V	Blue	6	1/12
GW 66 305	3P+E	230 V	Blue	9	1/12
GW 66 306	3P+N+E	230 V	Blue	9	1/12
GW 66 307	2P+E	400 V	Red	9	1/12
GW 66 308	3P+E	400 V	Red	6	1/12
GW 66 309	3P+N+E	400 V	Red	6	1/12
GW 66 310	3P+E	500 V	Black	7	1/12
GW 66 311	3P+N+E	500 V	Black	7	1/12
RATED CURRENT (A): 32					
GW 66 312	2P+E	110 V	Yellow	4	1/12
GW 66 313	3P+E	110 V	Yellow	4	1/12
GW 66 314	3P+N+E	110 V	Yellow	4	1/12
GW 66 315	2P+E	230 V	Blue	6	1/12
GW 66 316	3P+E	230 V	Blue	9	1/12
GW 66 317	3P+N+E	230 V	Blue	9	1/12
GW 66 318	2P+E	400 V	Red	9	1/12
GW 66 319	3P+E	400 V	Red	6	1/12
GW 66 320	3P+N+E	400 V	Red	6	1/12
GW 66 321	3P+E	500 V	Black	7	1/12
GW 66 322	3P+N+E	500 V	Black	7	1/12
GW 66 357	3P+E	380 - 440 V	Red	3	1/12
RATED CURRENT (A): 63					
GW 67 356	2P+E	110 V	Yellow	4	1/4
GW 67 357	3P+E	110 V	Yellow	4	1/4
GW 67 358	3P+N+E	110 V	Yellow	4	1/4
GW 67 359	2P+E	230 V	Blue	6	1/4
GW 67 360	3P+E	230 V	Blue	9	1/4
GW 67 361	3P+N+E	230 V	Blue	9	1/4
GW 67 362	2P+E	400 V	Red	9	1/4
GW 67 363	3P+E	400 V	Red	6	1/4
GW 67 364	3P+N+E	400 V	Red	6	1/4
GW 67 365	3P+E	500 V	Black	7	1/4
GW 67 366	3P+N+E	500 V	Black	7	1/4

GW66359



VERTICAL SOCKET-OUTLET WITH SAFETY TRANSFORMER (SELV) - 230V / 24V - 50HZ - IP55					
Code	No. of poles	Output voltage	Colour	Rated power	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 359	2P	24 V	Violet	160 VA	1/4

CHARACTERISTICS: the socket-outlet is equipped with a thermal protection device.
If the device intervenes, extract the plug from the socket-outlet and check the applied load.

WITH BOTTOM WITHOUT FUSES - IP55

GW66204



VERTICAL INTERLOCKED SOCKET-OUTLETS - 50/60HZ					
Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 201	2P+E	110 V	Yellow	4	1/12
GW 66 202	3P+E	110 V	Yellow	4	1/12
GW 66 203	3P+N+E	110 V	Yellow	4	1/12
GW 66 204	2P+E	230 V	Blue	6	1/12
GW 66 205	3P+E	230 V	Blue	9	1/12
GW 66 206	3P+N+E	230 V	Blue	9	1/12
GW 66 207	2P+E	400 V	Red	9	1/12
GW 66 208	3P+E	400 V	Red	6	1/12
GW 66 209	3P+N+E	400 V	Red	6	1/12
GW 66 210	3P+E	500 V	Black	7	1/12
GW 66 211	3P+N+E	500 V	Black	7	1/12
RATED CURRENT (A): 32					
GW 66 212	2P+E	110 V	Yellow	4	1/12
GW 66 213	3P+E	110 V	Yellow	4	1/12
GW 66 214	3P+N+E	110 V	Yellow	4	1/12
GW 66 215	2P+E	230 V	Blue	6	1/12
GW 66 216	3P+E	230 V	Blue	9	1/12
GW 66 217	3P+N+E	230 V	Blue	9	1/12
GW 66 218	2P+E	400 V	Red	9	1/12
GW 66 219	3P+E	400 V	Red	6	1/12
GW 66 220	3P+N+E	400 V	Red	6	1/12
GW 66 221	3P+E	500 V	Black	7	1/12
GW 66 222	3P+N+E	500 V	Black	7	1/12
GW 66 257	3P+E	380 - 440 V	Red	3	1/12
RATED CURRENT (A): 63					
GW 67 256	2P+E	110 V	Yellow	4	1/4
GW 67 257	3P+E	110 V	Yellow	4	1/4
GW 67 258	3P+N+E	110 V	Yellow	4	1/4
GW 67 259	2P+E	230 V	Blue	6	1/4
GW 67 260	3P+E	230 V	Blue	9	1/4
GW 67 261	3P+N+E	230 V	Blue	9	1/4
GW 67 262	2P+E	400 V	Red	9	1/4
GW 67 263	3P+E	400 V	Red	6	1/4
GW 67 264	3P+N+E	400 V	Red	6	1/4
GW 67 265	3P+E	500 V	Black	7	1/4
GW 67 266	3P+N+E	500 V	Black	7	1/4

ACCESSORIES SUPPLIED: 4 Ø 25 mm insulating screwcaps; cable gland Pg 29 for 16 / 32 A versions, cable gland Pg 36 for 63 A versions.

GW66259



VERTICAL SOCKET-OUTLET WITH SAFETY TRANSFORMER (SELV) - 230V / 24V - 50HZ - IP55					
Code	No. of poles	Output voltage	Colour	Rated power	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 259	2P	24 V	Violet	160 VA	1/4

CHARACTERISTICS: the socket-outlet is equipped with a thermal protection device. If the device intervenes, extract the plug from the socket-outlet and check the applied load.
ACCESSORIES SUPPLIED: 4 screwcaps in insulating material Ø 25mm.

WITHOUT BOTTOM WITH FUSES - IP55

GW66326



VERTICAL INTERLOCKED SOCKET-OUTLETS AND FUSES - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Fuses	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 323	2P+E	110 V	Yellow	E14	4	1/12
GW 66 324	3P+E	110 V	Yellow	E14	4	1/12
GW 66 325	3P+N+E	110 V	Yellow	E14	4	1/12
GW 66 326	2P+E	230 V	Blue	E14	6	1/12
GW 66 327	3P+E	230 V	Blue	E14	9	1/12
GW 66 328	3P+N+E	230 V	Blue	E14	9	1/12
GW 66 329	2P+E	400 V	Red	E14	9	1/12
GW 66 330	3P+E	400 V	Red	E14	6	1/12
GW 66 331	3P+N+E	400 V	Red	E14	6	1/12
GW 66 332	3P+E	500 V	Black	E14	7	1/12
GW 66 333	3P+N+E	500 V	Black	E14	7	1/12
RATED CURRENT (A): 32						
GW 66 334	2P+E	110 V	Yellow	E18	4	1/12
GW 66 335	3P+E	110 V	Yellow	E18	4	1/12
GW 66 336	3P+N+E	110 V	Yellow	E18	4	1/12
GW 66 337	2P+E	230 V	Blue	E18	6	1/12
GW 66 338	3P+E	230 V	Blue	E18	9	1/12
GW 66 339	3P+N+E	230 V	Blue	E18	9	1/12
GW 66 340	2P+E	400 V	Red	E18	9	1/12
GW 66 341	3P+E	400 V	Red	E18	6	1/12
GW 66 342	3P+N+E	400 V	Red	E18	6	1/12
GW 66 343	3P+E	500 V	Black	E18	7	1/12
GW 66 344	3P+N+E	500 V	Black	E18	7	1/12
GW 66 358	3P+E	380 - 440 V	Red	E18	3	1/12
RATED CURRENT (A): 63						
GW 66 345	2P+E	110 V	Yellow	E18	4	1/4
GW 66 346	3P+E	110 V	Yellow	E18	4	1/4
GW 66 347	3P+N+E	110 V	Yellow	E18	4	1/4
GW 66 348	2P+E	230 V	Blue	E18	6	1/4
GW 66 349	3P+E	230 V	Blue	E18	9	1/4
GW 66 350	3P+N+E	230 V	Blue	E18	9	1/4
GW 66 351	2P+E	400 V	Red	E18	9	1/4
GW 66 352	3P+E	400 V	Red	E18	6	1/4
GW 66 353	3P+N+E	400 V	Red	E18	6	1/4
GW 66 354	3P+E	500 V	Black	E27	7	1/4
GW 66 355	3P+N+E	500 V	Black	E27	7	1/4

GW66360



VERTICAL SOCKET-OUTLET WITH SAFETY TRANSFORMER (SELV) - 230V / 24V - 50HZ - IP55

Code	No. of poles	Output voltage	Colour	Rated power	Fuses	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 360	2P	24 V	Violet	160 VA	E14	1/4

CHARACTERISTICS: the socket-outlet is equipped with a thermal protection device.

If the device intervenes, extract the plug from the socket-outlet and check the applied load.

ACCESSORIES SUPPLIED: fuses (2A for primary and 6A for secondary).

WITH BOTTOM WITH FUSES - IP55

GW66230



VERTICAL INTERLOCKED SOCKET-OUTLETS AND FUSES - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Fuses	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 223	2P+E	110 V	Yellow	E14	4	1/12
GW 66 224	3P+E	110 V	Yellow	E14	4	1/12
GW 66 225	3P+N+E	110 V	Yellow	E14	4	1/12
GW 66 226	2P+E	230 V	Blue	E14	6	1/12
GW 66 227	3P+E	230 V	Blue	E14	9	1/12
GW 66 228	3P+N+E	230 V	Blue	E14	9	1/12
GW 66 229	2P+E	400 V	Red	E14	9	1/12
GW 66 230	3P+E	400 V	Red	E14	6	1/12
GW 66 231	3P+N+E	400 V	Red	E14	6	1/12
GW 66 232	3P+E	500 V	Black	E14	7	1/12
GW 66 233	3P+N+E	500 V	Black	E14	7	1/12
RATED CURRENT (A): 32						
GW 66 234	2P+E	110 V	Yellow	E18	4	1/12
GW 66 235	3P+E	110 V	Yellow	E18	4	1/12
GW 66 236	3P+N+E	110 V	Yellow	E18	4	1/12
GW 66 237	2P+E	230 V	Blue	E18	6	1/12
GW 66 238	3P+E	230 V	Blue	E18	9	1/12
GW 66 239	3P+N+E	230 V	Blue	E18	9	1/12
GW 66 240	2P+E	400 V	Red	E18	9	1/12
GW 66 241	3P+E	400 V	Red	E18	6	1/12
GW 66 242	3P+N+E	400 V	Red	E18	6	1/12
GW 66 243	3P+E	500 V	Black	E18	7	1/12
GW 66 244	3P+N+E	500 V	Black	E18	7	1/12
GW 66 258	3P+E	380 - 440V	Red	E18	3	1/12
RATED CURRENT (A): 63						
GW 67 245	2P+E	110 V	Yellow	E18	4	1/4
GW 67 246	3P+E	110 V	Yellow	E18	4	1/4
GW 67 247	3P+N+E	110 V	Yellow	E18	4	1/4
GW 67 248	2P+E	230 V	Blue	E18	6	1/4
GW 67 249	3P+E	230 V	Blue	E18	9	1/4
GW 67 250	3P+N+E	230 V	Blue	E18	9	1/4
GW 67 251	2P+E	400 V	Red	E18	9	1/4
GW 67 252	3P+E	400 V	Red	E18	6	1/4
GW 67 253	3P+N+E	400 V	Red	E18	6	1/4
GW 67 254	3P+E	500 V	Black	E27	7	1/4
GW 67 255	3P+N+E	500 V	Black	E27	7	1/4

ACCESSORIES SUPPLIED: 4 Ø 25 mm insulating screwcaps; cable gland Pg 29 for 16 / 32 A versions, cable gland Pg 36 for 63 A versions.

GW66260



VERTICAL SOCKET-OUTLET WITH SAFETY TRANSFORMER (SELV) - 230V / 24V - 50HZ - IP55

Code	No. of poles	Output voltage	Colour	Rated power	Fuses	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 260	2P	24 V	Violet	160 VA	E14	1/4

CHARACTERISTICS: the socket-outlet is equipped with a thermal protection device.

If the device intervenes, extract the plug from the socket-outlet and check the applied load.

ACCESSORIES SUPPLIED: fuses (2A for primary and 6A for secondary). 4 screwcaps in insulating material Ø 25mm.

COMPONENTS FOR VERTICAL INTERLOCKED SOCKET-OUTLETS WITHOUT FUSES - IP55

GW66678



SURFACE-MOUNTING BOX - IP55

Code	Houseable interloc. socket	Houseable IB socket-outlets	Top entries	Bottom entries	Pack. Carton.
GW 66 678	1	16/32A SELV	2 x Ø 23	1 x Ø 29/37	1/12
GW 66 686	1	63 A	2 x Ø 29/37	1 x Ø 37/47	1/10

GW66741



SURFACE-MOUNTING BOXES WITH FLANGED COVER FITTED FOR 2 LIDS - IP55

Code	Houseable IB socket-outlets	Top entries	Bottom entries	Pack. Carton.
GW 66 741	16 A IP44/IP67	2 x Ø 23	1 x Ø 29/37	1/10

APPLICATIONS: the "75x85 mm" dimension is suited for GW27401 COMBI-IN cover.
ACCESSORIES SUPPLIED: blank cap, gasket and 8 mounting screws.

GW66690



MODULAR BASES FOR MOUNTING COMBINATIONS OF FIXED VERTICAL SOCKET-OUTLETS - IP55

Code	Houseable interloc. socket	Houseable IB socket-outlets	Side entries	Top entries	Bottom entries	Pack. Carton.
GW 66 690	1	16/32 A	2 x Ø 23	2 x Ø 23		1/6
GW 66 691	2	16/32 A	4 x Ø 23	4 x Ø 23	1 x Ø 29	1/6
GW 66 694	3	16/32 A	2 x Ø 23	5 x Ø 23		1/6

ACCESSORIES SUPPLIED: 1 coupling for combinations. GW66694, blank lid for socket-outlet compartment.

GW66683



BOX WITH FRAME FOR FLUSH-MOUNTING OF VERTICAL INTERLOCKED SOCKET-OUTLETS - IP55

Code	Houseable interloc. socket	Houseable IB socket-outlets	Pack. Carton.
GW 66 683	1	16/32A	1/10

NOTES: the box cannot house the version with transformer GW66359.

GW66743



BOXES WITH FRAME FOR FLUSH-MOUNTING WITH FLANGED COVER FITTED FOR 2 LIDS - IP55

Code	Houseable IB socket-outlets	Pack. Carton.
GW 66 743	16 A IP44/IP67	1/10

APPLICATIONS: the "75x85 mm" dimension is suited for GW27401 COMBI-IN cover.
ACCESSORIES SUPPLIED: blank cap, gasket and 8 mounting screws.

GW66703



BLANK LID FOR INTERLOCKED SOCKET-OUTLET COMPARTMENT - IP55

Code	For distribution boards	For Modular bases	For back boxes	For flush-mounting boxes	Pack. Carton.
GW 66 703	GW68010/15	GW66691	GW66678	GW66683	1/10

GW66709

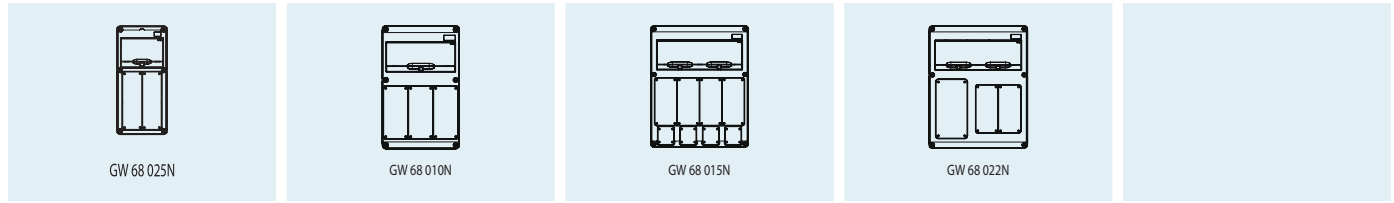


FLANGED COVER FITTED FOR 2 LIDS - IP55

Code	Houseable IB socket-outlets	Pack. Carton.
GW 66 709	16 A IP44/IP67	1/10

APPLICATIONS: the "75x85 mm" dimension is suited for GW27401 COMBI-IN cover.
ACCESSORIES SUPPLIED: blank cap, gasket and 8 mounting screws.

DISTRIBUTION BOARDS FOR VERTICAL INTERLOCKED SOCKET-OUTLETS WITHOUT FUSE HOLDER BASE - IP65



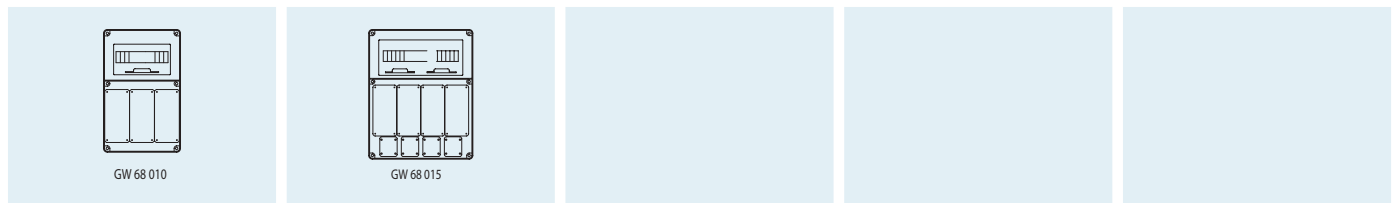
GW68022N

Q-DIN 10/14/20 UNWIRED WATERTIGHT BOARDS WITH FLANGED LID - IP65

Code	Houseable interloc. socket	No. of modules EN 50022	Dispersible power A(W)	Dispersible power B (W)	Pack. Carton.
GW 68 025 N	② 2 IB Vert. 16/32A IP67	10	16	42	6
GW 68 015 N	② 4 IB Vert. 16/32A IP67 - 4 IEC 309 16A 2P+E IP44/67	20	30	92	2
GW 68 010 N	② 3 IB Vert. 16/32A IP67	14	24	64	3
GW 68 022 N	② 1 IB Vert. 63A IP67 - 2 IB Vert. 16/32A IP67	20	30	92	2

NOTE: Dispersible power is calculated according to IEC60890 (CEI 17-43) standard. It refer to the 40K overtemperature, between the one inside and outside the board.

DISTRIBUTION BOARDS FOR VERTICAL INTERLOCKED SOCKET-OUTLETS WITHOUT FUSES - IP55



GW68010

EMPTY Q-DIN 12/18 WATERTIGHT BOARDS WITH FLANGES - IP55

Code	N. flanged lids	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 010	3 for vert. without fuses 16/32A IP55	12	24	3
GW 68 015	4 for vert. SBF 16/32A IP55 - 4 for IEC309 16A	18	30	2

ACCESSORIES SUPPLIED: 4-6 screw caps, flush-mounting frame and door with lock (2 keys supplied).

COMPONENTS FOR VERTICAL INTERLOCKED SOCKET-OUTLETS WITH FUSES - IP55

GW66679



SURFACE-MOUNTING BOXES FOR VERTICAL INTERLOCKED SOCKET-OUTLETS AND SOCKET-OUTLET WITH SAFETY TRANSFORMER (SELV) - IP55

Code	Houseable interloc. socket	Houseable IB socket-outlets	Top entries	Bottom entries	Pack. Carton.
GW 66 679	1	16/32 A SELV	2 x Ø 23	1 x Ø 29/37	1/10
GW 66 680	1	63A	2 x Ø 29/37	1 x Ø 37/47	1/10

GW66742



SURFACE-MOUNTING BOX WITH FLANGED COVER FITTED FOR 2 LIDS - IP55

Code	Cover dimensions mm	Top entries	Bottom entries	Pack. Carton.
GW 66 742	85x75 - 95x80	2 x Ø 23	1 x Ø 29/37	1/10

APPLICATIONS: the "75x85 mm" dimension is suited for mounting IEC309 16A devices or GW27401 COMBI-IN weatherproof cover; the "80x95 mm" dimension is suited for mounting IEC309 32A devices.

ACCESSORIES SUPPLIED: blank cap, 2 gaskets and 8 mounting screws.

GW66689



MODULAR BASES FOR COMBINATION MOUNTING OF FIXED VERTICAL INTERLOCKED SOCKET-OUTLETS AND SOCKET-OUTLET WITH SAFETY TRANSFORMER (SELV) - IP55

Code	Houseable interloc. socket	Houseable IB socket-outlets	Side entries	Top entries	Bottom entries	Pack. Carton.
GW 66 689	1	16/32 A SELV	2 x Ø 23	2 x Ø 23/29		1/6
GW 66 692	2	16/32 A SELV	4 x Ø 23	4 Ø 23/29	1 x Ø 29/37	1/8
GW 66 695	3	16/32 A SELV	2 x Ø 23	5 x Ø 23/29	1 x Ø 29/37	1/5
GW 66 693	1	63 A	6 x Ø 23	2 x Ø 37/48		1/14

ACCESSORIES SUPPLIED: 1 coupling for combinations. GW66695, blank lid for socket-outlet compartment.

GW66684



BOX WITH FRAME FOR FLUSH-MOUNTING - IP55

Code	Houseable interloc. socket	Houseable IB socket-outlets	Pack. Carton.
GW 66 684	1	16/32 A	1/10

NOTES: the box cannot house the version with transformer GW66360.

GW66744



BOX FOR FLUSH-MOUNTING WITH FLANGED COVER FITTED FOR 2 LIDS - IP55

Code	Cover dimensions mm	Pack. Carton.
GW 66 744	85x75 - 95x80	1/10

APPLICATIONS: the "75x85 mm" dimension is suited for mounting IEC309 16A devices or GW27401 COMBI-IN weatherproof cover; the "80x95 mm" dimension is suited for mounting IEC309 32A devices.

ACCESSORIES SUPPLIED: blank cap, 2 gaskets and 8 mounting screws.

GW66704



BLANK LID FOR INTERLOCKED SOCKET-OUTLET COMPARTMENT - IP55

Code	For distribution boards	For Modular bases	For back boxes	For flush-mounting boxes	Pack. Carton.
GW 66 704	GW68011/16	GW66692/95	GW66679	GW66684	1/10

GW66710



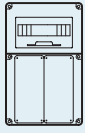
FLANGED COVER FITTED FOR 2 LIDS - IP55

Code	Cover dimensions mm	Pack. Carton.
GW 66 710	85x75 - 95x80	1/10

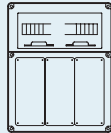
APPLICATIONS: the "75x85 mm" dimension is suited for mounting IEC309 16A devices or GW27401 COMBI-IN weatherproof cover; the "80x95 mm" dimension is suited for mounting IEC309 32A devices.

ACCESSORIES SUPPLIED: blank cap, 2 gaskets and 8 mounting screws.

DISTRIBUTION BOARDS FOR SOCKET-OUTLETS WITH FUSES - IP55



GW 68 011



GW 68 016

GW68011



Q-DIN 12/18 EMPTY BOARDS WITH COVER - IP55

Code	Houseable interloc. socket	Houseable IB socket-outlets	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 011	2	16/32 A	12	24	3
GW 68 016	3	16/32 A	18	30	2

ACCESSORIES SUPPLIED: 4-6 screw caps, flush-mounting frame and door with lock (2 keys supplied).

IB RANGE

56 IB - VERTICAL INTERLOCKED SOCKET-OUTLETS WITH BASE

WITH ROTARY SWITCH AND FUSE-HOLDER BASE - IP56

GW66604



VERTICAL INTERLOCKED SOCKET-OUTLETS AND FUSE HOLDER BASE - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Fuses	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 602	3P+E	110 V	Yellow	E27	4	1/5
GW 66 604	2P+E	230 V	Blue	E27	6	1/5
GW 66 608	3P+E	400 V	Red	E27	6	1/5
GW 66 609	3P+N+E	400 V	Red	E27	6	1/5
RATED CURRENT (A): 32						
GW 66 613	3P+E	110 V	Yellow	E33	4	1/6
GW 66 615	2P+E	230 V	Blue	E33	6	1/6
GW 66 619	3P+E	400 V	Red	E33	6	1/6
GW 66 620	3P+N+E	400 V	Red	E33	6	1/6
RATED CURRENT (A): 63						
GW 67 624	3P+E	110 V	Yellow	E33	4	1/3
GW 67 630	3P+E	400 V	Red	E33	6	1/3
GW 67 631	3P+N+E	400 V	Red	E33	6	1/3

ACCESSORIES SUPPLIED: cable gland Pg 21 for 16 A versions. Cable gland Pg 29 for 32 A versions. Cable gland Pg 36 for 63 A versions.

GW66687



VERTICAL SOCKET-OUTLET WITH SAFETY TRANSFORMER (SELV) - 230V / 24V - 50HZ - IP56

Code	No. of poles	Output voltage	Colour	Rated power	Fuses	Pack. Carton.
RATED CURRENT (A): 16						
GW 66 687	2P	24 V	Violet	160 VA	E16	1/4

CHARACTERISTICS: the socket-outlet is equipped with a thermal protection device.

If the device intervenes, extract the plug from the socket-outlet and check the applied load.

ACCESSORIES SUPPLIED: fuses (2A for primary and 6A for secondary), cable gland PG 29.

WITH ROTARY SWITCH AND 6 MODULES DIN RAIL - IP56

GW66637



VERTICAL INTERLOCKED SOCKET-OUTLETS FOR MOUNTING MODULAR DEVICES - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 66 635	3P+E	110 V	Yellow	4	1/5
GW 66 637	2P+E	230 V	Blue	6	1/5
GW 66 641	3P+E	400 V	Red	6	1/5
GW 66 642	3P+N+E	400 V	Red	6	1/5
RATED CURRENT (A): 32					
GW 66 646	3P+E	110 V	Yellow	4	1/6
GW 66 648	2P+E	230 V	Blue	6	1/6
GW 66 652	3P+E	400 V	Red	6	1/6
GW 66 653	3P+N+E	400 V	Red	6	1/6
RATED CURRENT (A): 63					
GW 67 657	3P+E	110 V	Yellow	4	1/3
GW 67 663	3P+E	400 V	Red	6	1/3
GW 67 664	3P+N+E	400 V	Red	6	1/3

CHARACTERISTICS: fitted for 5/6 modules.

ACCESSORIES SUPPLIED: cable gland Pg 21 for 16 A versions. Cable gland Pg 29 for 32 A versions. Cable gland Pg 36 for 63 A versions.

COMPONENTS FOR VERTICAL INTERLOCKED SOCKET - IP56

GW66668



MODULAR BASES FOR THE COMBINATION MOUNTING OF INTERLOCKED SOCKET-OUTLETS AND SAFETY TRANSFORMER SOCKET-OUTLETS

Code	Houseable interloc. socket	Houseable IB socket-outlets	Side entries	Top entries	Pack. Carton.
GW 66 668	1	16/32 A SELV	4 x Ø 37	1 x Ø 37/48/60	1/12
GW 66 669	2	16/32 A SELV	4 x Ø 37	3 x Ø 37/48/60	1/6
GW 66 670	3	16/32 A SELV	4 x Ø 37	3 x Ø 37/48/60	1/4
GW 66 671	1	63 A	2 x Ø 37	1 x Ø 37/48/60	1/14

CHARACTERISTICS: The entries Ø 37 / 48 / 60 mm take respectively the following cable glands PG29 / 36 / 48.

GW66672



WATERTIGHT COUPLER FOR JOINING MODULAR BASE AND 16A WATERTIGHT INTERLOCKED SOCKET-OUTLET - IP56

Code	Description	Pack. Carton.
GW 66 672	Joining coupler PG21 - PG29	10/100

GW66673



COUPLING FOR MODULAR BASES - IP56

Code	Description	Pack. Carton.
GW 66 673	Coupler PG29	10/120

72 - FUSE FOR INTERLOCKED SOCKET-OUTLETS

FUSES

GW72003



ND FUSES 380V~					
Code	Rated current (A)	Rated voltage	Type	Breaking capacity	Pack. Carton.
DIMENSIONS (MM): Ø 11 x 36					
GW 72 001	2	380 V	D01 E14	50 kA	10/100
GW 72 003	6	380 V	D01 E14	50 kA	10/100
GW 72 005	16	380 V	D01 E14	50 kA	10/100
DIMENSIONS (MM): Ø 15 x 36					
GW 72 013	35	380 V	D02 E18	50 kA	10/100
GW 72 015	63	380 V	D02 E18	50 kA	10/100

GW72023



DD FUSES 500V~					
Code	Rated current (A)	Rated voltage	Type	Breaking capacity	Pack. Carton.
DIMENSIONS (MM): Ø 13 x 50					
GW 72 021	2	500 V	DI E16 Delayed	50 kA	10/50
GW 72 023	6	500 V	DI E16 Delayed	50 kA	10/50
DIMENSIONS (MM): Ø 22 x 50					
GW 72 065	16	500 V	DII E27 Rapid	50 kA	5/20
DIMENSIONS (MM): Ø 28 x 50					
GW 72 092	35	500 V	DIII E33 Rapid	50 kA	5/20
GW 72 095	63	500 V	DIII E33 Rapid	50 kA	5/20

GW72102



GG CYLINDRICAL FUSES - 500V~					
Code	Rated current	Rated voltage	Type	Breaking capacity	Pack. Carton.
DIMENSIONS (MM): Ø 10.3 x 38					
GW 72 104	2 A	500 V	gG	100 kA	10/100
GW 72 105	6 A	500 V	gG	100 kA	10/100
GW 72 101	16 A	500 V	gG	100 kA	10/100
GW 72 110	32 A	400 V	gG	100 kA	10/100
DIMENSIONS (MM): Ø 14 x 51					
GW 72 102	32 A	500 V	gG	100 kA	10/40
DIMENSIONS (MM): Ø 22 x 58					
GW 72 103	63 A	500 V	gG	100 kA	10/30

GW72110 Nominal voltage 400V~.

68 Q-DIN range

Distribution boards

Complete system of electric boards for energy distribution in the commercial, industrial and construction sites places. Available in both empty and wired version, in compliance with the IEC 60439 Standard.






























- Versions from 5 to 20 DIN modules, EN 50022, including supplementary of 14 and 20 modules to obtain more DIN space.
- IP65 degree of protection guaranteed by the innovative handle closure of the door too.
- For flush-mounting and interlocked socket from 16 to 63 A, IP44 and IP67, SYSTEM range domestic socket-outlets.
- Pre-arrangement for emergency push button.
- Pole coupling, wall brackets, transportation handle and mobile support.



68 Q-DIN RANGE

DISTRIBUTION BOARDS

68 Q-DIN RANGE

UNWIRED VERSIONS				
Type	No. EN 50022 modules	Code	Layout	Pre-arrangement
	5	GW 68 017 N		1 IEC 309 socket-outlet 16A IP44/67 or GW 27 401 watertight cap
		GW 68 018 N		2 IEC 309 socket-outlets 16A IP44/67 or GW 27 401 watertight caps
		GW 68 001 N		3 IEC 309 socket-outlets 16A IP44/67 or GW 27 401 watertight caps
		GW 68 031 N		3 IEC 309 socket-outlets 16A IP44/67 or GW 27 401 watertight caps and shockproof case
		GW 68 020 N		2 IEC 309 socket-outlets 16-32A IP44/67 or GW 27 401 watertight caps
	10	GW 68 002 N		Blank
		GW 68 003 N		2 IEC 309 socket-outlets 16A max 3P+E IP44/67 or GW 27 401 watertight caps 2 IEC 309 socket-outlets 16-32A IP44/67 or GW 27 401 watertight caps
		GW 68 019 N		2 horizontal interlocked switched socket-outlets 16-32A IP44 with rotary switch
		GW 68 025 N		2 vertical interlocked switched socket-outlets 16-32A IP67
 	14	GW 68 004 N		Blank
		GW 68 005 N		3 IEC 309 socket-outlets 16-32A IP44/67 or GW 27 401 watertight caps
		GW 68 006 N		2 horizontal interlocked switched socket-outlets 16-32A IP44 with rotary switch
		GW 68 007 N		Blank
		GW 68 008 N		6 IEC 309 socket-outlets 16-32A IP44/67 or GW 27 401 watertight caps
		GW 68 009 N		4 horizontal interlocked switched socket-outlets 16-32A IP44 with rotary switch
		GW 68 010 N		3 vertical interlocked switched socket-outlets 16-32A IP67
	20	GW 68 012 N		Blank
		GW 68 013 N		8 IEC 309 socket-outlets 16-32A IP44/67 or GW 27 401 watertight caps
		GW 68 021 N		4 IEC 309 socket-outlets 16-32A IP44/67 or GW 27 401 watertight caps 2 IEC 309 socket-outlets 63A
		GW 68 014 N		4 horizontal interlocked switched socket-outlets 16-32A IP44 with fuse-holder base
		GW 68 015 N		4 vertical interlocked switched socket-outlets 16-32A IP67 4 IEC 309 socket-outlets 2P+E 16 IP44/67 or GW 27 401 watertight caps
		GW 68 022 N		2 vertical interlocked switched socket-outlets 16-32A IP67 1 vertical interlocked switched socket-outlet 63A IP67
	14	GW 68 023 N		14 gang additional module
	20	GW 68 024 N		20 gang additional module

WIRED VERSIONS

Type	No. EN 50022 modules	Code	Layout	Accessories supplied	Code	Layout	Accessories supplied
	5	GW 68 212 N		1 domestic socket-outlet 13A UK	GW 68 227 N		1 IEC 309 socket-outlet 2P+E 16A IP44 230V
		GW 68 225 N		1 IEC 309 socket-outlet 2P+E 16A IP44 230V 1 Schuko domestic socket-outlet 10/16A	GW 68 226 N		1 IEC 309 socket-outlet 2P+E 16A IP44 230V 1 IEC 309 socket-outlet 3P+E 16A IP44 400V
		GW 68 224 N		1 IEC 309 socket-outlet 2P+E 16A IP44 230V 1 IEC 309 socket-outlet 3P+E 16A IP44 400V 1 Schuko domestic socket-outlet 10/16A	GW 68 217 N		3 IEC 309 socket-outlets 2P+E 16A IP67 230V with H07 RN-F 5m cable and 2P+E plug 16A IP67 230V
		GW 68 223 N		3 IEC 309 socket-outlets 2P+E 16A IP67 230V with H07 RN-F 5m cable, 2P+E plug 16A IP67 230V and shockproof case			
	10	GW 68 202 N		2 IEC 309 socket-outlets 2P+E 16A IP44 230V 1 IEC 309 socket-outlet 3P+E 16A IP44 400V 1 Schuko domestic socket-outlet 10/16A	GW 68 228 N		1 IEC 309 socket-outlet 2P+E 16A IP44 230V 1 IEC 309 socket-outlet 3P+E 16A IP44 400V 1 IEC 309 socket-outlet 3P+N+E 16A IP44 400V 1 Schuko domestic socket-outlet 10/16A
		GW 68 203 N		2 Schuko domestic socket-outlets 10/16A 2 IEC 309 socket-outlets 2P+E 16A IP44 230V with H07 RN-F 5m cable and 2P+E plug 16A IP44 230V	GW 68 204 N		2 IEC 309 socket-outlets 2P+E 16A IP67 230V 2 IEC 309 socket-outlets 3P+E 16A IP67 400V with H07 RN-F 5m cable and 3P+N+E plug 16A IP67 400V
		GW 68 216 N		4 IEC 309 socket-outlets 2P+E 16A IP67 400V with H07 RN-F 5m cable and plug 2P+E 16A IP67 400V	GW 68 401 N		1 Schuko domestic socket-outlet 10/16A 2 IEC 309 socket-outlets 2P+E 16A IP44 230V 1 IEC 309 socket-outlets 3P+E 16A IP44 400V with H07 RN-F 15m cable, plug 3P+N+E 16A IP44 400V and metal support
	14	GW 68 205 N		2 IEC 309 socket-outlets 2P+E 16A IP67 230V 1 IEC 309 socket-outlet 3P+E 16A IP67 400V			
		GW 68 229 N		2 IEC 309 socket-outlets 2P+E 16A IP44 250V 1 IEC 309 socket-outlet 3P+E 16A IP44 400V 1 IEC 309 socket-outlet 3P+N+E 16A IP44 400V 1 IEC 309 socket-outlet 3P+E 32A IP44 400V 1 Schuko domestic socket-outlet 10/16A	GW 68 411 N		2 Schuko domestic socket-outlets 10/16A 2 IEC 309 socket-outlets 2P+E 16A IP44 230V 2 IEC 309 socket-outlets 3P+E 16A IP44 400V with H07 RN-F 25m cable, plug 3P+N+E 16A IP44 400V and metal support carriage with cable winder drum
		GW 68 206 N		2 horiz. interlocked switched socket-outlets 2P+E 16A IP44 230V 1 horiz. interlocked switched socket-outlet 3P+E 16A IP44 400V 1 horiz. interlocked switched socket-outlet 3P+E 32A IP44 400V with rotary switch			
		GW 68 207 N		2 vert. interlocked switched socket-outlets 2P+E 16A IP67 230V 1 vert. interlocked switched socket-outlet 3P+E 16A IP67 400V with rotary switch	GW 68 230 N		2 AUTOMATIKA vert. interlocked switched socket-outlets 2P+E 16A IP67 230V 1 AUTOMATIKA vert. interlocked switched socket-outlet 3P+N+E 16A IP67 400V
	20	GW 68 208 N		2 vert. interlocked switched socket-outlets 2P+E 16A IP67 250V 1 vert. interlocked switched socket-outlet 3P+E 16A IP67 400V 1 vert. interlocked switched socket-outlet 3P+E 32A IP67 400V with rotary switch	GW 68 231 N		1 AUTOMATIKA vert. interlocked switched socket-outlet 2P+E 16A IP67 230V 2 AUTOMATIKA vert. interlocked switched socket-outlets 3P+N+E 16A IP67 400V
		GW 68 421 N		2 IEC 309 socket-outlets 2P+E 16A IP44 230V 2 IEC 309 socket-outlets 3P+E 16A IP44 400V 2 IEC 309 socket-outlets 3P+E 32A IP44 400V 2 SCHUKO domestic socket-outlets 10/16A with H07 RN-F 35m cable, plug 3P+N+E 32A IP44 400V and metal support carriage with cable winder drum	GW 68 424 N		2 vert. interlocked switched socket-outlets 2P+E 16A IP67 230V 1 vert. interlocked switched socket-outlet 3P+E 16A IP67 400V 1 vert. interlocked switched socket-outlet 3P+E 32A IP67 400V with rotary switch, H07 RN-F 25m cable, plug 3P+N+E 32A IP67 400V, and metal support carriage with cable winder drum

68 Q-DIN RANGE

EMPTY BOARDS FOR MOBILE AND FIXED INSTALLATIONS

Q-DIN 5 - SURFACE-MOUNTING - IP65



GW 68 017N



GW 68 018N



GW 68 001N
GW 68 031N



GW 68 020N

GW68001N



EMPTY Q-DIN 5 BOARDS WITH FLANGES

Code	N. flanged lids	No. of modules EN 50022	Dispersible power A(W)	Dispersible power B (W)	Pack. Carton.
GW 68 017 N	② 1 IEC 309 16A IP44/67	5	10	37	16
GW 68 018 N	② 2 IEC 309 16A IP44/67	5	10	37	12
GW 68 001 N	② 3 IEC 309 16A IP44/67	5	10	37	8
GW 68 031 N	② 3 IEC 309 16A IP44/67	5	10	37	4
GW 68 020 N	② 2 IEC 309 16/32A IP44/67	5	10	37	8

ACCESSORIES SUPPLIED: 2 screwcaps, cable stop.

GW68031N complete with shockproof case.

NOTE: Dispersible power is calculated according to IEC60890 (CEI 17-43) standard. It refer to the 40K overtemperature, between the one inside and outside the board.

Q-DIN 10 - SURFACE-MOUNTING - IP65



GW 68 025N



GW 68 002N



GW 68 003N



GW 68 019N

GW68003N



EMPTY Q-DIN 10 BOARDS WITH FLANGES

Code	No. IEC 309/IB housed	No. of modules EN 50022	Dispersible power A(W)	Dispersible power B (W)	Pack. Carton.
GW 68 025 N	② 2 IB Vert. 16/32A IP67	10	16	42	6
GW 68 002 N	② Blank lid	10	16	42	6
GW 68 003 N	② 2 IEC 309 16A IP44/67 - 2 IEC 309 16/32A IP44/67	10	16	42	6
GW 68 019 N	② 2 IB Horiz. 16/32A SBF IP44 overlapping	10	16	42	6

ACCESSORIES SUPPLIED: cable stop and 4 screw caps.

NOTE: Dispersible power is calculated according to IEC60890 (CEI 17-43) standard. It refer to the 40K overtemperature, between the one inside and outside the board.

Q-DIN 14 - SURFACE-MOUNTING - IP65



GW 68 004N



GW 68 005N



GW 68 006N

GW68005N



EMPTY Q-DIN 14 BOARDS WITH FLANGES

Code	No. IEC 309/IB housed	No. of modules EN 50022	Dispersible power A(W)	Dispersible power B (W)	Pack. Carton.
GW 68 004 N	② Blank lid	14	24	64	4
GW 68 005 N	② 3 IEC 309 16/32A IP44/67	14	24	64	4
GW 68 006 N	② 2 IB Horiz. 16/32A SBF IP44 side by side	14	24	64	4

ACCESSORIES SUPPLIED: 4 screw caps and cable stop.

NOTE: Dispersible power is calculated according to IEC60890 (CEI 17-43) standard. It refer to the 40K overtemperature, between the one inside and outside the board.

Q-DIN 14 - SURFACE MOUNTING - IP65



GW68008N



EMPTY Q-DIN 14 BOARDS WITH FLANGES

Code	No. IEC 309/IB housed	No. of modules EN 50022	Dispersible power A(W)	Dispersible power B (W)	Pack. Carton.
GW 68 007 N	Ⓣ Blank lid	14	24	64	3
GW 68 008 N	Ⓣ 6 IEC 309 16/32A IP44/67	14	24	64	3
GW 68 009 N	Ⓣ 4 IB Horiz. 16/32A SBF IP44	14	24	64	3
GW 68 010 N	Ⓣ 3 IB Vert. 16/32A IP67	14	24	64	3

ACCESSORIES SUPPLIED: 4 screw caps and plastic cable stop.

NOTE: Dispersible power is calculated according to IEC60890 (CEI 17-43) standard. It refer to the 40K overtemperature, between the one inside and outside the board.

Q-DIN 20 - SURFACE-MOUNTING - IP65



GW68014N



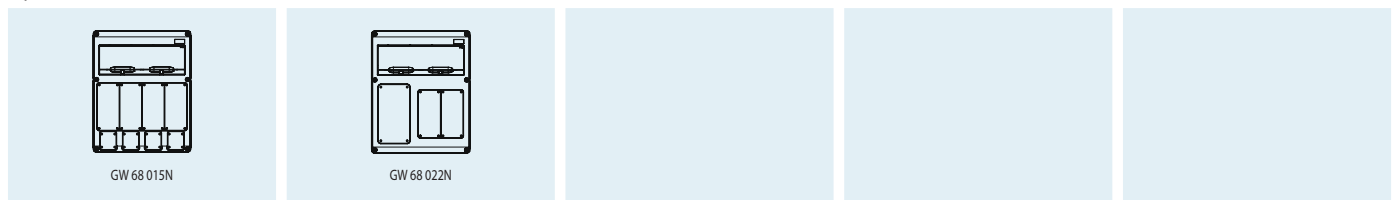
EMPTY Q-DIN 20 BOARDS WITH FLANGES

Code	No. IEC 309/IB housed	No. of modules EN 50022	Dispersible power A(W)	Dispersible power B (W)	Pack. Carton.
GW 68 012 N	Ⓣ Blank lid	20	30	92	2
GW 68 013 N	Ⓣ 8 IEC 309 16/32A IP44/67	20	30	92	2
GW 68 014 N	Ⓣ 4 IB Horiz. 16/32A CBF IP44	20	30	92	2
GW 68 021 N	Ⓣ 2 IEC 309 63A IP67 - 4 IEC 309 16/32A IP44/67	20	30	92	2

ACCESSORIES SUPPLIED: 6 screw caps and cable stop.

NOTE: Dispersible power is calculated according to IEC60890 (CEI 17-43) standard. It refer to the 40K overtemperature, between the one inside and outside the board.

Q-DIN 20 - SURFACE AND FLUSH-MOUNTING - IP65



GW68015N



EMPTY Q-DIN 20 BOARDS WITH FLANGES

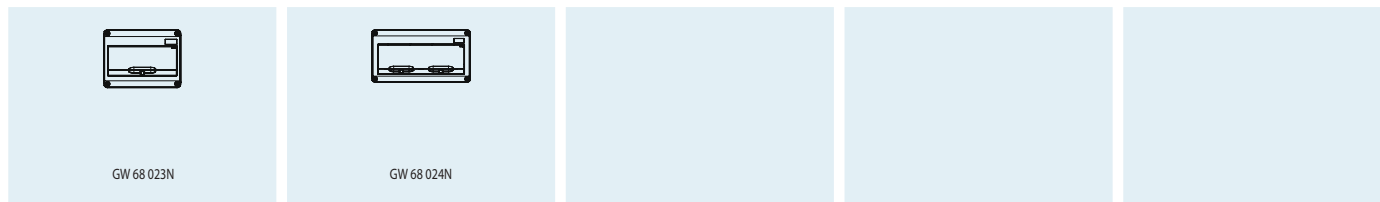
Code	Houseable interloc. socket	No. of modules EN 50022	Dispersible power A(W)	Dispersible power B (W)	Pack. Carton.
GW 68 015 N	Ⓣ 4 IB Vert. 16/32A IP67 - 4 IEC 309 16A 2P+E IP44/67	20	30	92	2
GW 68 022 N	Ⓣ 1 IB Vert. 63A IP67 - 2 IB Vert. 16/32A IP67	20	30	92	2

ACCESSORIES SUPPLIED: 6 screw caps and plastic cable stop.

NOTE: Dispersible power is calculated according to IEC60890 (CEI 17-43) standard. It refer to the 40K overtemperature, between the one inside and outside the board.

GW68015N : 4 covers 85x75mm are used also with GW27401.

ADDITIONAL Q-DIN MODULES - IP65



ADDITIONAL Q-DIN MODULES - RAL 7035 - IP65

Code	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 023 N ②	14	40	1/3
GW 68 024 N ②	20	52	1/3

NOTE: use with Qdin 14 and 20m to double the DIN modules available. Dispersible power is calculated according to IEC60890 (CEI 17-43) standard. It refer to the 40K overtemperature, between the one inside and outside the board.

COMPLEMENTARY ITEMS



YELLOW-PAINTED METAL CONDUIT SUPPORT WITH SPACE FOR CABLES UP TO 20M

Code	Outer dim. LxHxD (mm)	For distribution board type	Pack. Carton.
GW 68 431	350x715x435	Q-DIN 8/10	1
GW 68 433	350x770x520	Q-DIN 12/14/18/20	1

CHARACTERISTICS: the type of cable considered is H 07 RN - F 5x4mm²; the length varies according to the type of cable.
GW68433: Q-DIN protection system assembled against the front drops.



METAL CARRIER PAINTED IN YELLOW EQUIPPED WITH TWO WHEELS AND ROTATING DRUM TO WIND UP TO 50 M OF CABLE

Code	Outer dim. LxHxD (mm)	For distribution board type	Pack. Carton.
GW 68 432	495x1000x605	Q-DIN 12/14/18/20	1

CHARACTERISTICS: the type of cable considered is H 07 RN - F 5 x 4 mm; the length varies using different types of cable.
1+1 covers for socket-outlets IEC 309 16A and 32A.



POLE SUPPORT KIT FOR 68 Q-DIN BOARDS

Code	For Q-DIN	Pack. Carton.
GW 46 552	14	1
GW 46 553	20	1

CHARACTERISTICS: fixed on the back of the boards.

APPLICATIONS: for application of boards on poles from 60 to 80mm.

ACCESSORIES SUPPLIED: 2 pieces. For the correct use of the kit, see the instructions sheet.



SET OF 4 STEEL BRACKETS FOR FIXING SURFACE-MOUNTING BOARDS

Code	Material	For Q-DIN	Accessories supplied	Pack. Carton.
GW 46 446	Galvanised steel	10/14/20	Fixing screws	20

NOTE: Q-DIN5 code GW44621.



EMERGENCY PUSH-BUTTONS, DIAM. 22MM

Code	Functions	For Q-DIN	Description	Pack. Carton.
GW 74 061	With holding	10/14/20	Mushroom head Ø 40	5/60

ACCESSORIES SUPPLIED: 3-seat contact-holding flange.



CONTACTS - ITH= 10A - 250V AC

Code	Type	Category of use 240V ac15	Category of use 240V dc13	Colour	Pack. Carton.
GW 74 201	1 NO	3 A	0,27 A	Green	10/60
GW 74 202	1 NC	3 A	0,27 A	Red	10/60

CHARACTERISTICS: GW74202 suitable for contact opening also in the event of slight sticking, in compliance with Standard EN 60947-5-1.
Clip assembly on the contact-holder flanges.

GW4042Z



SECURITY LOCK

Code	For enclosures	For Q-DIN	Material	Pack. Carton.
GW 40 42Z	40 CDK and 40 CD decorative	10/14/20	Pressure die-cast metal	1/10

ACCESSORIES SUPPLIED: 2 keys, all the keys are supplied with a standardised code.

NOTES: all the keys and locks supplied are standard, so the key can open all the locks with the same product code.

GW68436N



Q-DIN TRANSPORTATION HANDLE

Code	Description	For distribution board type	Pack. Carton.
GW 68 436 N	② Handle	Q-DIN 10/14/20	1/10

GW66715N



ADAPTER

Code	Suitable for	Pack. Carton.
GW 66 715 N	② 16/32A vertical socket-outlets IP67	1/10
GW 66 716 N	② Install63A vertical so-outlets IP67	1/10

GW66715N for 16/32A IP67 vertical socket-outlets in boards, for 16/32A CBF IP55 socket-outlets.

GW66716N to install 63A IP67 vertical socket-outlets in GW66693 modular bases for CBF socket-outlets.

GW27401



WATERTIGHT COVER FOR 2 SYSTEM RANGE MODULES

Code	Dimensions LxH (mm)	Suitable for	Colour	Pack. Carton.
GW 27 401	85 x 75	2 SYSTEM modules	Grey	3/60

NOTE: to be installed in the same seat as the IEC 309 16A IP44/67 socket-outlets

ACCESSORIES SUPPLIED: gasket and assembly screws.

GW44626



BACK-MOUNTING PLATE IN INSULATED MATERIAL WITH SELF-TAPPING FIXING SCREWS

Code	For Q-DIN	Pack. Carton.
GW 44 626	10	20
GW 44 627	14	20
GW 44 628	20	4

NOTE: to be installed on the base of the Q-DIN, for inserting DIN rails/terminal blocks/components.

GW40401



ISOLATED NEUTRAL AND EARTH TERMINAL BLOCK

Code	Terminal block N (mm ²)	Terminal block T (mm ²)	Suitable for	Fixing	Pack. Carton.
GW 40 401	(1x25)+(7x10)	(1x25)+(7x10)	GW66492	With screws	20
GW 40 402	(3x25)+(10x10)	(3x25)+(10x10)	GW66493	With screws	20

ACCESSORIES SUPPLIED: fixing screws.

SURFACE-MOUNTING FOR COMBIBLOC COMPACT SOCKET-OUTLETS IP44/55

GW66493



EMPTY BOARDS FOR FIXED COMPACT SOCKET-OUTLETS

Code	N. flanged lids	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 66 491	1 COMBIBLOC 16/32A	4	10	1/12
GW 66 492	2 COMBIBLOC 16/32A	8	13	1/6
GW 66 493	3 COMBIBLOC 16/32A	12	24	1/4

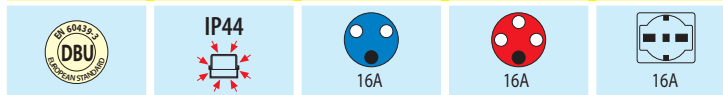
WIRED BOARDS FOR FIXED APPLICATIONS

SURFACE-MOUNTING

GW68227N



WIRED Q-DIN 5 DBU BOARDS WITH IEC 309 SOCKET-OUTLETS - IP44



Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Domestic Schuko 10/16A	Domestic UK 13A	Pack. Carton.
GW 68 212 N ②				1	1/8
GW 68 224 N ② 1		1	1		1/2
GW 68 225 N ② 1			1		1/6
GW 68 226 N ② 1		1			1/6
GW 68 227 N ② 1					1/8

In: 10A

PROTECTIONS:

GW68212N:in:10A

1 residual current circuit breaker 2P 25A 230V - 0.03A Class AC

GW68224N:in:14A

1 residual current circuit breaker with overcurrent protection type C 6kA 4P 16A 400V - 0.03A - Class AC

GW68225N:in:14A

1 residual current circuit breaker with overcurrent protection type C 6kA 2P 16A 230V - 0.03A - Class AC

GW68226N:in:25A

1 miniature circuit breaker type C 6kA 2P 16A 230V

1 miniature circuit breaker type C 6kA 3P 16A 400V

GW68227N:in:14A

1 residual current circuit breaker with overcurrent protection type C 6kA 2P 16A 230V - 0.03A - Class AC

ACCESSORIES SUPPLIED: 2 screwcaps.

68 Q-DIN RANGE

GW68202N



WIRED Q-DIN 10 DBU BOARDS WITH IEC 309 SOCKET-OUTLETS - IP44



Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-outlet 3P+N+E 16A	Domestic Schuko 10/16A	Pack. Carton.
GW 68 202 N ② 2		1		1	1/3
GW 68 228 N ② 1		1	1	1	1/3

PROTECTIONS:

GW68202N:in:25A

1 miniature circuit breaker type C 6kA 2P 16A 230V

1 miniature circuit breaker type C 6kA 3P 16A 400V

GW68228N:in:38A

2 miniature circuit breakers type C 6kA 2P 16A 230V

1 miniature circuit breaker type C 6kA 4P 16A 400V

ACCESSORIES SUPPLIED: cable stop and 4 screwcaps.

SURFACE AND FLUSH-MOUNTING

GW68205N



WIRED Q-DIN 14 DBU BOARD WITH IEC 309 SOCKET-OUTLETS - IP65



Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Pack. Carton.
GW 68 205 N ② 2		1	1/3

In: 25A

PROTECTIONS:

2 miniature circuit breakers type C 6kA 2P 16A 230V

1 miniature circuit breaker type C 6kA 3P 16A 400V

ACCESSORIES SUPPLIED: 4 screw caps and cable stop.

①=May 2010

②=June 2010

③=September 2010

GW68229N



WIRED Q-DIN 14 DBU BOARD WITH IEC 309 SOCKET-OUTLETS AND INTERLOCKED SOCKET-OUTLETS - IP44

Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-outlet 3P+N+E 16A	Socket-out 3P+E 32A	Domestic Schuko 10/16A	Pack. Carton.
GW 68 229 N ②	2	1	1	1	1	1
GW 68 206 N ②	2	1		1		1

In: 50A

PROTECTIONS:

GW68229N

- 1 miniature circuit breaker type C 6kA 2P 16A 230V for the socket-outlets 2P+E 16A 230 V and domestic 10/16A It/Ted 230V
- 1 miniature circuit breaker type C 6kA 4P 16A 400V for the socket-outlets 3P+E 16A 400 V and 3P+N+E 16A 400V
- 1 miniature circuit breaker type C 6kA 3P 32A 400V for the socket-outlet 3P+E 32A 400 V

GW68206N

- 1 miniature circuit breaker type C 6kA 2P 16A 230V
- 1 miniature circuit breaker type C 6kA 3P 16A 400V
- 1 miniature circuit breaker type C 6kA 3P 32A 400V

ACCESSORIES SUPPLIED: GW68229N 4 screw caps and cable stop.

GW68207N



WIRED Q-DIN 14 DBU BOARDS WITH VERTICAL INTERLOCKED SOCKET-OUTLETS - IP65

Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-outlet 3P+N+E 16A	Pack. Carton.
GW 68 207 N ②	2	1		1
GW 68 230 N ②	2		1	1
GW 68 231 N ②	1		2	1

PROTECTIONS:

GW68207N In = 20A

- 2 MCB type C 6kA 2P 16A 230V
- 1 MCB type C 6kA 3P 16A 400V

GW68230N

- 1 RCCB 4P 40A 400V - 0,03A type AC

GW68231N

- 1 RCCB 4P 40A 400V - 0,03A type AC

CHARACTERISTICS: GW68230N e GW68231N board equipped with "AUTOMATIKA" sockets (MCB type C 6kA inside the sockets).

ACCESSORIES SUPPLIED: cable stop and 4 screw caps.

GW68208N



WIRED Q-DIN 20 DBU BOARD WITH VERTICAL INTERLOCKED SOCKET-OUTLETS AND 4 COVERS FOR 16A SOCKET-OUTLETS - IP65

Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-out 3P+E 32A	Pack. Carton.
GW 68 208 N ②	2	1	1	1

In: 50A

PROTECTIONS:

- 2 miniature circuit breakers type C 6kA 2P 16A 230V
- 1 miniature circuit breaker type C 6kA 3P 16A 400V
- 1 miniature circuit breaker type C 6kA 3P 32A 400V

ACCESSORIES SUPPLIED: 4 screwcaps and cable stop.

SURFACE-MOUNTING WITH COMBIBLOC COMPACT SOCKET-OUTLETS

GW66391



COMBIBLOC WIRED BOARD WITH COMPACT INTERLOCKED SOCKET-OUTLETS - IP44



Code	Socket-outlet 2P+E 16A	IP degree	Pack. Carton.
GW 66 391	1	IP44	1/2

In: 14A

PROTECTIONS:

1 residual current circuit breaker type C 6kA 2P 16A 230V - 0.03 mA Class AC.

GW66392



COMBIBLOC WIRED BOARDS WITH COMPACT INTERLOCKED SOCKET-OUTLETS - IP44/55



Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-outlet 3P+N+E 16A	IP degree	Pack. Carton.
GW 66 392	1	1		IP44	1/2
GW 66 393	1		1	IP55	1/2

In: 25A

PROTECTIONS:

GW66392:

1 miniature circuit breaker type C 6kA 2P 16A 230V

1 miniature circuit breaker type C 6kA 3P 16A 400V

GW66393:

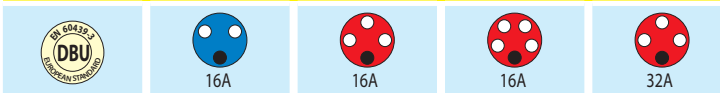
1 miniature circuit breaker type C 6kA 2P 16A 230V

1 miniature circuit breaker type C 6kA 4P 16A 400V

GW66394



COMBIBLOC WIRED BOARDS WITH COMPACT INTERLOCKED SOCKET-OUTLETS - IP44/55



Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-outlet 3P+N+E 16A	Socket-out 3P+E 32A	IP degree	Pack. Carton.
GW 66 394	1	1	1		IP44	1
GW 66 395	2	1			IP55	1
GW 66 396	1	1		1	IP44	1
GW 66 397	1	1	1		IP55	1

PROTECTIONS:

GW66394: In: 20A

1 residual current circuit breaker 4P 25A 400V - 0.03A Class AC

1 miniature circuit breaker type C 6kA 2P 16A 230V

1 miniature circuit breaker type C 6kA 4P 16A 400V

GW66395: In: 20A

1 residual current circuit breaker 4P 25A 400V - 0.03A Class AC

1 miniature circuit breaker type C 6kA 2P 16A 230V

1 miniature circuit breaker type C 6kA 3P 16A 400V

GW66396: In: 50A

1 miniature circuit breaker type C 6kA 2P 16A 230V

1 miniature circuit breaker type C 6kA 3P 16A 400V

1 miniature circuit breaker type C 6kA 3P 32A 400V

GW66397: In: 38A

1 miniature circuit breaker type C 6kA 2P 16A 230V

1 miniature circuit breaker type C 6kA 3P 16A 400V

1 miniature circuit breaker type C 6kA 4P 16A 400V

EMPTY BOARDS FOR MOBILE AND FIXED INSTALLATIONS

Q-DIN 4 - SURFACE-MOUNTING - IP55



GW 68 017



GW 68 018



GW 68 001

GW68001



Q-DIN 4 EMPTY BOARDS WITH FLANGES

Code	N. flanged lids	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 017	1 for socket-outlet IEC309 16A	4	10	16
GW 68 018	2 for socket-outlet IEC309 16A	4	10	12
GW 68 001	3 for socket-outlet IEC309 16A	4	10	8
GW 68 031	3 for socket-outlet IEC309 16A	4	10	4

ACCESSORIES SUPPLIED: 2 screw caps, cable gland Ø 20 mm, coupling for conduit Ø 20 mm.
GW68031 complete with shockproof case.

Q-DIN 8 - SURFACE-MOUNTING - IP55



GW 68 002



GW 68 003



GW 68 019

GW68002



Q-DIN 8 EMPTY BOARD WITH BLANK COVER

Code	Description	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 002	Blank lid	8	13	6

ACCESSORIES SUPPLIED: cable clamp and 4 screw caps.

GW68003



EMPTY Q-DIN 8 WATERTIGHT BOARDS WITH FLANGES

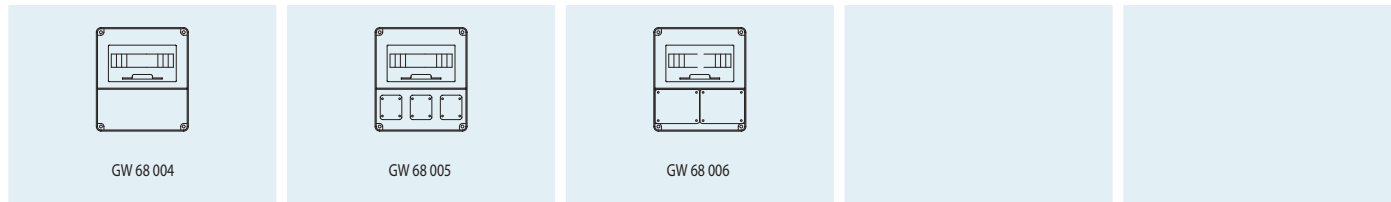
Code	N. flanged lids	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 003	4 for socket-outlet IEC309 16A	8	13	6
GW 68 019	2 for horiz. without fuses 16/32A IP44	8	13	6

ACCESSORIES SUPPLIED: cable clamp and 4 screw caps.

68 Q-DIN RANGE

DISTRIBUTION BOARDS

Q-DIN 12 - SURFACE AND FLUSH-MOUNTING - IP55



GW68004

Q-DIN 12 EMPTY BOARD WITH BLANK COVER

Code	Description	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 004	Blank lid	12	24	4

ACCESSORIES SUPPLIED: 4 screw caps, flush-mounting frame and door with lock (with 2 keys supplied)



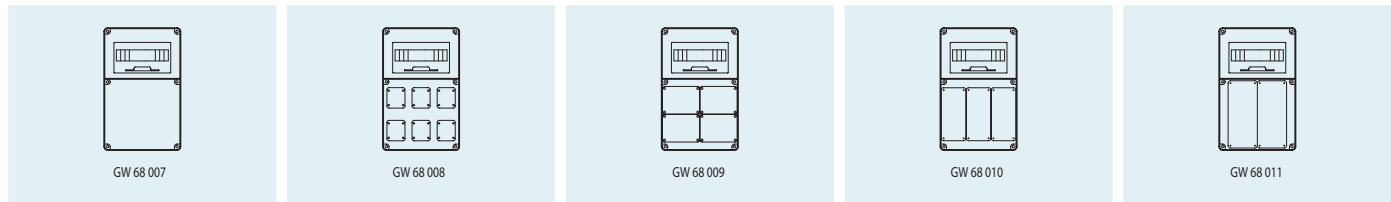
GW68006

EMPTY Q-DIN 12 WATERTIGHT BOARDS WITH FLANGES

Code	N. flanged lids	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 005	3 socket-outlet IEC309 16/32A	12	24	4
GW 68 006	2 for horiz. without fuses 16/32A IP44	12	24	4

ACCESSORIES SUPPLIED: 4 screw caps, flush-mounting frame and door with lock (with 2 keys supplied)

Q-DIN 12 - SURFACE AND FLUSH-MOUNTING - IP55



GW68007

Q-DIN 12 EMPTY BOARDS WITH BLANK COVER

Code	Description	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 007	Blank lid	12	24	3

ACCESSORIES SUPPLIED: 4 screw caps, flush-mounting frame and door with lock (with 2 keys supplied)



GW68010

Q-DIN 12 EMPTY BOARDS WITH FLANGED COVER

Code	N. flanged lids	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 008	6 socket-outlet IEC309 16/32A	12	24	3
GW 68 009	4 for horiz. without fuses 16/32A IP44	12	24	3
GW 68 010	3 for vert. without fuses 16/32A IP55	12	24	3
GW 68 011	2 for vert. with fuses 16/32A IP55	12	24	3

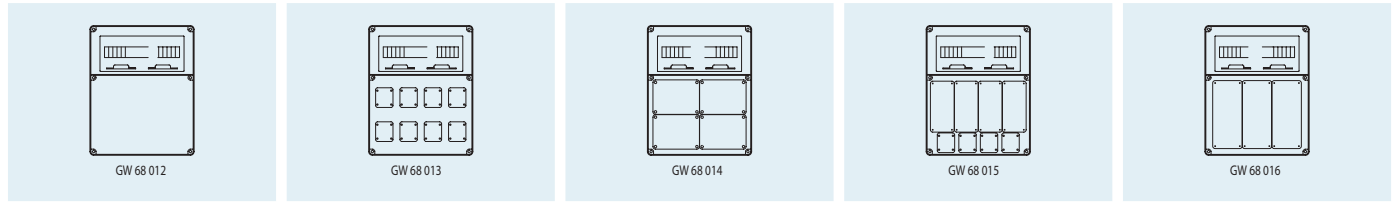
ACCESSORIES SUPPLIED: 4 screw caps, flush-mounting frame and door with lock (with 2 keys supplied)

①=May 2010

②=June 2010

③=September 2010

Q-DIN 18 - SURFACE AND FLUSH-MOUNTING - IP55



GW68012

Q-DIN 18 EMPTY BOARD WITH BLANK COVER

Code	Description	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 012	Blank lid	18	30	2

ACCESSORIES SUPPLIED: 6 screw caps, flush-mounting frame and door with lock (with 2 keys supplied)



GW68014

EMPTY Q-DIN 18 WATERTIGHT BOARDS WITH FLANGES

Code	N. flanged lids	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 68 013	8 socket-outlet IEC309 16/32A	18	30	2
GW 68 014	4 for horiz. with fuses 16/32A IP55	18	30	2
GW 68 015	4 for vert. SBF 16/32A IP55 - 4 for IEC309 16A	18	30	2
GW 68 016	3 for vert. with fuses 16/32A IP55	18	30	2

ACCESSORIES SUPPLIED: 6 screw caps, flush-mounting frame and door with lock (with 2 keys supplied)

SURFACE-MOUNTING FOR COMBIBLOC COMPACT SOCKET-OUTLETS IP44/55



GW66493

EMPTY BOARDS FOR FIXED COMPACT SOCKET-OUTLETS

Code	N. flanged lids	No. of modules EN 50022	Dispersible power(W)	Pack. Carton.
GW 66 491	1 COMBIBLOC 16/32A	4	10	1/12
GW 66 492	2 COMBIBLOC 16/32A	8	13	1/6
GW 66 493	3 COMBIBLOC 16/32A	12	24	1/4

CHARACTERISTICS: the transparent door is pre-arranged for the GW40422 security lock.

ACCESSORIES SUPPLIED: sealing gaskets for Combibloc socket-outlets.

COMBI-IN - FLUSH-MOUNTING FLANGED COMPONENTS



GW27401

2 GANG SYSTEM COVER FOR APPLICATION ON Q-DIN DISTRIBUTION BOARDS, JUNCTION BOXES, PTC, FLANGED COVERS 66 RANGE, Q-BOX AND PANELS - COLOUR GREY RAL 7035 - IP55

Code	No. System modules	Dimensions LxH (mm)	Pack. Carton.
GW 27 401	2	85 x 75	3/60

ACCESSORIES SUPPLIED: 4 self-tapping screws. IP55 with door closed.

COMPLEMENTARY ITEMS FOR Q-DIN

COMPLEMENTARY ITEMS

GW68433



METAL STAND PAINTED IN YELLOW WITH SUPPORT FOR CABLES OF UP TO 20 M

Code	Outer dim. LxHxD (mm)	For distribution board type	Pack. Carton.
GW 68 431	350x715x435	Q-DIN 8/10	1
GW 68 433	350x770x520	Q-DIN 12/14/18/20	1

CHARACTERISTICS: the type of cable considered is H 07 RN - F 5 x 4 mm²; the length varies using different types of cable.
GW68433: Q-DIN protection system mounted to protect against falling frontally.

GW68432



METAL CARRIER PAINTED IN YELLOW EQUIPPED WITH TWO WHEELS AND ROTATING DRUM TO WIND UP TO 50 M OF CABLE

Code	Outer dim. LxHxD (mm)	For distribution board type	Pack. Carton.
GW 68 432	495x1000x605	Q-DIN 12/14/18/20	1

CHARACTERISTICS: the type of cable considered is H 07 RN - F 5 x 4 mm²; the length varies using different types of cable.
1+1 covers for socket-outlets IEC 309 16A and 32A.

WIRED BOARDS FOR FIXED INSTALLATIONS

SURFACE-MOUNTING

GW68227



Q-DIN 4 DBU WIRED BOARDS - IP44

Code	Socket-outlet 2P+E		Socket-out 3P+E		Domestic Schuko		Domestic UK	Pack. Carton.
	16A	16A	16A	16A	10/16A	13A		
GW 68 212							1	1/8
GW 68 224	1		1		1			1/2
GW 68 225	1				1			1/6
GW 68 226	1		1					1/6
GW 68 227	1							1/8

PROTECTIONS:

GW68212: in of the 10A board

1 residual current circuit breaker 2P 25A 230V - 0.03A Class AC

GW68224: in of the 14A board

1 residual current circuit breaker with overcurrent protection type C 6kA 4P 16A 400V - 0.03A - Class AC

GW68225: in of the 14A board

1 residual current circuit breaker with overcurrent protection type C 6kA 2P 16A 230V - 0.03A - Class AC

GW68226: in of the 25A board

1 miniature circuit breaker type C 6kA 2P 16A 230V

1 miniature circuit breaker type C 6kA 3P 16A 400V

GW68227: in of the 14A board

1 residual current circuit breaker with overcurrent protection type C 6kA 2P 16A 230V - 0.03A - Class AC

ACCESSORIES SUPPLIED: 2 screwcaps, cable gland Ø 20mm, conduit coupling Ø 20mm.

GW68202



Q-DIN 8 DBU WIRED BOARDS - IP44

Code	Socket-outlet 2P+E		Socket-out 3P+E		Socket-outlet 3P+N+E		Domestic Schuko		Pack. Carton.
	16A	16A	16A	16A	16A	10/16A	16A		
GW 68 202	2		1				1	1/3	
GW 68 228	1		1		1		1	1/3	

PROTECTIONS:

GW68202: in of the 25A board

1 miniature circuit breaker type C 6kA 2P 16A 230V

1 miniature circuit breaker type C 6kA 3P 16A 400V

GW68228: in of the 38A board

2 miniature circuit breakers type C 6kA 2P 16A 230V

1 miniature circuit breaker type C 6kA 4P 16A 400V

ACCESSORIES SUPPLIED: cable fastener and 4 screwcaps.





68 Q-DIN RANGE

SURFACE AND FLUSH-MOUNTING

GW68205



Q-DIN 12 DBU WIRED BOARDS - IP55

						
Code	Socket-outlet 2P+E 16A		Socket-out 3P+E 16A			Pack. Carton.
GW 68 205	2		1			1/3

PROTECTIONS:








2 miniature circuit breakers type C 6kA 2P 16A 230V
1 miniature circuit breaker type C 6kA 3P 16A 400V

ACCESSORIES SUPPLIED: 4 screw caps, flush-mounting frame and door with lock (with 2 keys supplied).

GW68229



Q-DIN 12 DBU WIRED BOARD - IP44

								
Code	Socket-outlet 2P+E 16A		Socket-out 3P+E 16A	Socket-outlet 3P+N+E 16A	Socket-out 3P+E 32A	Domestic Schuko 10/16A	16A	Pack. Carton.
GW 68 229	2		1	1	1	1		1

PROTECTIONS:






1 miniature circuit breaker type C 6kA 2P 16A 230V for the socket-outlets 2P+E 16A 230 V and domestic 10/16A Iu/Ted 230V
1 miniature circuit breaker type C 6kA 4P 16A 400V for the socket-outlets 3P+E 16A 400 V and 3P+N+E 16A 400V
1 miniature circuit breaker type C 6kA 3P 32A 400V for the socket-outlet 3P+E 32A 400 V

ACCESSORIES SUPPLIED: 4 screw caps, flush-mounting frame and door with lock (with 2 keys supplied).

GW68206



Q-DIN 12 DBU WIRED BOARDS - IP44

						
Code	Socket-outlet 2P+E 16A		Socket-out 3P+E 16A		Socket-out 3P+E 32A	Pack. Carton.
GW 68 206	2		1		1	1

PROTECTIONS:





1 miniature circuit breaker type C 6kA 2P 16A 230V
1 miniature circuit breaker type C 6kA 3P 16A 400V
1 miniature circuit breaker type C 6kA 3P 32A 400V

ACCESSORIES SUPPLIED: 4 screw caps, flush-mounting frame and door with lock (with 2 keys supplied).

GW68207



Q-DIN 12 WIRED BOARDS WITH INTERLOCKED SOCKET-OUTLET WITHOUT FUSES - IP55

						
Code	Socket-outlet 2P+E 16A		Socket-out 3P+E 16A			Pack. Carton.
GW 68 207	2		1			1

PROTECTIONS:






2 miniature circuit breakers type C 6kA 2P 16A 230V
1 miniature circuit breaker type C 6kA 3P 16A 400V

ACCESSORIES SUPPLIED: 4 screw caps, flush-mounting frame and door with lock (with 2 keys supplied).

GW68208



Q-DIN 18 WIRED BOARDS WITH INTERLOCKED SOCKET-OUTLET WITHOUT FUSES AND 4 LIDS FOR 16A SOCKET-OUTLETS - IP55

						
Code	Socket-outlet 2P+E 16A		Socket-out 3P+E 16A	Socket-out 3P+E 32A		Pack. Carton.
GW 68 208	2		1	1		1

PROTECTIONS:

2 miniature circuit breakers type C 6kA 2P 16A 230V
1 miniature circuit breaker type C 6kA 3P 16A 400V
1 miniature circuit breaker type C 6kA 3P 32A 400V

ACCESSORIES SUPPLIED: 4 screw caps, flush-mounting frame and door with lock (with 2 keys supplied).

①=May 2010

②=June 2010

③=September 2010

68 ACS range

Distribution board system for ACS construction sites

System of boards, wired and certified in accordance with EN 60439-4, with various combinations of socket-outlets and circuit breakers, for energy distribution on small and large construction sites.

- High impact and UV rays resistance.
- Additional panels to increase the functions, with supplementary interlocked switched socket-outlets (up to 12 per board) and modular protection circuit breakers (up to 160A).
- Circuit protection via modular and moulded-case switches up to 60 DIN modules - EN 50022.
- Customised and wired versions, certified via Customer Service and GWAesse software.



68 ACS RANGE

DISTRIBUTION BOARD SYSTEM FOR ACS CONSTRUCTION SITES

QP		
SWITCHES		
CODE	CIRCUIT BREAKER	RESIDUAL CURRENT DEVICE
GW 68 521	MTHP 125A 4P C CHARACTERISTIC 16kA	ADD-ON RESIDUAL CURRENT DEVICE 125A 4P, A-TYPE, ADJUSTABLE
GW 68 526	MTX 160C - 160A 4P B-TYPE 16kA	ADD-ON RESIDUAL CURRENT DEVICE 160A 4P, "L" SHAPED, LOWERED, ADJUSTABLE
GW 68 531	MTX 250 - 250A 4P N-TYPE 36kA	ADD-ON RESIDUAL CURRENT DEVICE 250A 4P, BD "L" SHAPED ADJUSTABLE

Q-BOX 4												
CODE	NO. INTERLOCKED SWITCHED SOCKET OUTLETS						SOCKET-DOMESTIC	MAIN SWITCH				BOARD SUPPLY
	16A			32A			10/16A	Miniature circuit breaker		Switch disconnecter		
	2P+ $\frac{1}{2}$	3P+ $\frac{1}{2}$	3P+N+ $\frac{1}{2}$	2P+ $\frac{1}{2}$	3P+ $\frac{1}{2}$	3P+N+ $\frac{1}{2}$	German Standard	Poles	In (A)	Poles	In (A)	
GW 68 481	3	1								4	40	Appliance inlet
GW 68 482	2	2								4	40	
GW 68 483	2	2			1					4	63	
GW 68 484	2	1	1			1		4	63			
GW 68 511	3			1				2	63			Terminal block
GW 68 512	2	3								4	63	
GW 68 513	2	2			1					4	80	
GW 68 514	2	1	1			1				4	80	
GW 68 541	2	2				1	4					
GW 68 542	4	3				1						

Q-BOX 6												
CODE	NO. INTERLOCKED SWITCHED SOCKET OUTLETS						SOCKET-DOMESTIC	MAIN SWITCH				BOARD SUPPLY
	16A			32A		63A	10/16A	Miniature circuit breaker		Switch disconnecter		
	2P+ $\frac{1}{2}$	3P+ $\frac{1}{2}$	3P+N+ $\frac{1}{2}$	3P+ $\frac{1}{2}$	3P+N+ $\frac{1}{2}$	3P+N+ $\frac{1}{2}$	German Standard	Poles	In (A)	Poles	In (A)	
GW 68 471	3	2		1						4	63	Appliance inlet
GW 68 472	2	3		1						4	63	
GW 68 473	3	3								4	40	
GW 68 474	2		2		2					4	63	
GW 68 491	2		2		2			4	80			Terminal block
GW 68 492	2	1	1	1	1					4	80	
GW 68 493	3	2		1						4	80	
GW 68 494	2	2		2				4	80			
GW 68 495	2	1			3			4	100			
GW 68 496	3				2	1		4	100			
GW 68 497	2				2	2		4	100			
GW 68 543	3	2			1	1	4	4	100			
GW 68 544	6	3	1		2			4	80			

68 ACS RANGE

Q-DIN								
	No. IEC 309 SOCKET-OUTLETS			No. DOMESTIC SOCKET-OUTLETS	No. SELV 24V SOCKET-OUTLETS	MAIN PROTECTION		BOARD TYPE
	16A		32A	10/16A	16A	Poles	In (A)	
	2P+ $\frac{\perp}{\oplus}$	3P+ $\frac{\perp}{\oplus}$	3P+ $\frac{\perp}{\oplus}$	German Standard	2P			
GW 68 203 N	2			2		2P	16	Portable
GW 68 204 N	2	2				4P	16	
GW 68 216 N	4					2P	16	
GW 68 217 N	3					2P	16	
GW 68 401 N	2	1		1		4P	16	With metal support
GW 68 411 N	2	2		2		4P	25	With metal wheel support, revolving drum
GW 68 421 N	2	2	2	2		4P	40	
GW 68 424 N	2	1	1			4P	40	

Q-MC										
	NO. IEC 309 SOCKET-OUTLETS				MAIN PROTECTION		EMERGENCY BUTTON	POWER SUPPLY PLUG	IP RATING	BOARD TYPE
	16A		32A		Poles	In (A)				
	2P+ $\frac{\perp}{\oplus}$	3P+ $\frac{\perp}{\oplus}$	3P+N+ $\frac{\perp}{\oplus}$	3P+N+ $\frac{\perp}{\oplus}$						
GW 68 881 A	7				4	40A	Yes	3P+N+ $\frac{\perp}{\oplus}$ 32A	56	Portable
GW 68 883 A	4	1	1	1	4	50A		3P+N+ $\frac{\perp}{\oplus}$ 63A		
GW 68 884 A	2	1	2	1	4	50A		3P+N+ $\frac{\perp}{\oplus}$ 63A		

COMBIBLOC									
	NO. IEC 309 SOCKET-OUTLETS				MAIN PROTECTION		POWER SUPPLY PLUG	IP RATING	BOARD TYPE
	16A		32A		Poles	In (A)			
	2P+ $\frac{\perp}{\oplus}$	3P+ $\frac{\perp}{\oplus}$	3P+N+ $\frac{\perp}{\oplus}$	3P+N+ $\frac{\perp}{\oplus}$					
GW 66 388	2		1		4	40	3P+N+ $\frac{\perp}{\oplus}$ 32A	55	Portable
GW 66 389	1		1	1	4	40	3P+N+ $\frac{\perp}{\oplus}$ 32A		

68 ACS RANGE

68 ACS RANGE

DISTRIBUTION BOARD SYSTEM FOR ACS CONSTRUCTION SITES

68 QP ACS - WIRED BOARDS

46 QP - POLYESTER BOARDS - IP65

GW68526



WIRED POLYESTER BOARDS WITH BLANK DOOR EQUIPPED WITH LOCK - GREY RAL 7035

Code	External Dim. LxHxD (mm)	In/out power supply	Mains switch	N. poles	RCCB protection	Power suppliable (kW)	Pack Carton
GW 68 521	405x500x200	2xPG42	MTHP125	4	BDHP- side-by-side -adjustable	60	1
GW 68 526	405x500x200	2xPG42	MTX 160c	4	BD "L" shape lowered adjustable	75	1
GW 68 531	515x650x250	8xPG29	MTX 250	4	BD "L" shape adjustable	140	1

CHARACTERISTICS: polyester board, type 46F&E, blank door equipped with functional frame and one-way switch.

The last modular row of the board should be reserved for the cable input / output terminals; the cable glands for cable input / output are positioned on the back of the boards.

Board GW68531 envisages the use of 4 single input / output cords.

ACCESSORIES SUPPLIED: boards equipped with handles for transportation; set of 4 surface-mounting fixing brackets in stainless steel; key-operated security locks with handle; mushroom-head emergency push-button connected to the minimum voltage release of the mains switch; PG-type cable glands for cable inlet and outlet.

68 Q-BOX - WIRED DISTRIBUTION BOARDS

Q-BOX 4 WITH TERMINAL BLOCK - IP55

GW68511



Q-BOX DISTRIBUTION BOARDS WITH SUPPLY TERMINAL BLOCK

Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-out 2P+E 32A	Pack Carton
GW 68 511	3		1	1
GW 68 512	2	3		1

In: 50A

PROTECTIONS:

GW68511:

General miniature circuit breaker 2P 63A - General residual current device 2P 63A 0.03A class AC
three MTC 2P 16A circuit breakers for the three 2P+T 16A 230V socket-outlets
one MTC 2P 32A circuit breaker for the 2P+T 32A 230V socket-outlet

GW68512:

General switch-disconnector 4P 63A - General residual current device 4P 63A 0.03A class AC
one MTC 2P 16A circuit breaker for the two 2P+T 16A 230V non-interlocked socket-outlets
three MTC 3P 16A circuit breakers for the three 3P+T 16A 400V socket-outlets.

ACCESSORIES SUPPLIED: emergency push-button.

CHARACTERISTICS: MTC compact miniature circuit breakers are C-bend 6kA.

NOTE: while awaiting the availability of the IP67 vertical interlocked switched socket-outlets, the boards will be supplied with IP55 socket-outlets.

GW68513



Q-BOX DISTRIBUTION BOARDS WITH SUPPLY TERMINAL BLOCK

Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-outlet 3P+N+E 16A	Socket-out 3P+E 32A	Socket-out 3P+N+E 32A	Domestic Schuko 10/16A	Pack Carton
GW 68 513	2	2		1			1
GW 68 514	2	1	1		1		1
GW 68 541	② 2	2			1	4	1
GW 68 542	② 4	3			1		1

PROTECTIONS:

GW68513: In:64A; General switch-disconnector 4P 80A - General residual current device 4P 80A 0.03A class AC
one MTC 2P 16A circuit breaker for the two 2P+E 16A 230V non-interlocked socket-outlets
two MTC 3P 16A circuit breakers for the two 3P+E 16A 400V socket-outlets
one MTC 3P 32A circuit breaker for the 3P+E 32A 400V socket-outlet

GW68514: In:64A; General switch-disconnector 4P 80A - General residual current device 4P 80A 0.03A class AC
one MTC 2P 16A circuit breaker for the two 2P+E 16A 230V non-interlocked socket-outlets
one MTC 3P 16A circuit breaker for the 3P+E 16A 400V socket-outlet
one MTC 4P 16A circuit breaker for the 3P+N+E 16A 400V socket-outlet
one MTC 4P 32A circuit breaker for the 3P+N+E 32A 400V socket-outlet

GW68541: In:64A General residual current device 4P 80A 0.03A class AC
two MTC 2P 16A circuit breakers for the two 2P+E 16A 230V industrial socket-outlets
two MTC 2P 16A circuit breakers for the four 2P+E 16A 230V domestic socket-outlets
one MTC 3P 16A circuit breaker for the two 3P+E 16A 400V industrial socket-outlets
one MTC 4P 32A circuit breaker for the 3P+N+E 32A 400V industrial socket-outlet

GW68542: In:64A General residual current device 4P 80A 0.03A class AC
two MTC 2P 16A circuit breakers for the four 2P+E 16A 230V industrial socket-outlets
two MTC 3P 16A circuit breakers for the two 3P+E 16A 400V industrial socket-outlets
one MTC 4P 32A circuit breaker for the 3P+N+E 32A 400V industrial socket-outlet

ACCESSORIES SUPPLIED: emergency push-button.

CHARACTERISTICS: the MTC compact miniature circuit breakers are C-bend 6kA. The industrial socket-outlets are of the interlocked type.

NOTE: while awaiting the availability of the IP67 vertical interlocked switched socket-outlets, the boards will be supplied with IP55 socket-outlets. GW68541 and GW68542 will be available with the new IP67 watertight socket-outlets.

68 ACS RANGE

DISTRIBUTION BOARD SYSTEM FOR ACS CONSTRUCTION SITES

Q-BOX 4 WITH FIXED PLUG - IP55

GW68481



Q-BOX 4 DISTRIBUTION BOARDS WITH POWER SUPPLY PLUG 3P+N+E 32A

Code	Socket-outlet 2P+E		Socket-out 3P+E		Pack Carton
	16A		16A		
GW 68 481	3		1		1
GW 68 482	2		2		1

PROTECTIONS:

GW68481: In: 25A; Main isolator 4P 40A - General residual current device 4P 40A 0.03A class AC
 one MTC 2P 16A one-way switch for the three 2P+E 16A 230V socket-outlets
 one MTC 3P 16A one-way switch for the 3P+E 16A 400V socket-outlet

GW68482: In: 25A; Main isolator 4P 40A - General residual current device 4P 40A 0.03A class AC
 one MTC 2P 16A one-way switch for the two 2P+E 16A 230V socket-outlets
 one MTC 3P 16A one-way switch for the two 3P+E 16A 400V socket-outlets

ACCESSORIES SUPPLIED: socket-outlet/plug locking device, emergency push-button.

CHARACTERISTICS: MTC compact miniature circuit breakers are C curve 6kA.

NOTE: while awaiting the availability of the IP67 vertical interlocked switched socket-outlets, the boards will be supplied with IP55 socket-outlets.

GW68483



Q-BOX 4 DISTRIBUTION BOARDS WITH POWER SUPPLY PLUG 3P+N+E 63A

Code	Socket-outlet 2P+E	Socket-out 3P+E	Socket-outlet 3P+N+E	Socket-out 3P+E	Socket-out 3P+N+E	Pack Carton
	16A	16A	16A	32A	32A	
GW 68 483	2	2		1		1
GW 68 484	2	1	1		1	1

GW68483: In: 50A; General switch-disconnector 4P 63A - General residual current device 4P 63A 0.03A class AC
 one MTC 2P 16A circuit breaker for the two 2P+E 16A 230V non-interlocked socket-outlets
 one MTC 3P 16A circuit breaker for the two 3P+E 16A 400V socket-outlets
 one MTC 3P 32A circuit breaker for the 3P+E 32A 400V socket-outlet

GW68484: In: 50A; General miniature circuit breaker 4P 63A - General residual current device 4P 63A 0.03A class AC
 one MTC 2P 16A circuit breaker for the two 2P+E 16A 230V non-interlocked socket-outlets
 one MTC 3P 16A circuit breaker for the 3P+E 16A 230V socket-outlet
 one MTC 4P 16A circuit breaker for the 3P+N+E 16A 400V socket-outlet
 one MTC 4P 32A circuit breaker for the 3P+N+E 32A 400V socket-outlet

ACCESSORIES SUPPLIED: socket-outlet/plug lock device, emergency push-button.

CHARACTERISTICS: the MTC compact miniature circuit breakers are C-bend 6kA.

NOTE: while awaiting the availability of the IP67 vertical interlocked switched socket-outlets, the boards will be supplied with IP55 socket-outlets.

68 ACS RANGE

①=May 2010

②=June 2010








③=September 2010

Q-BOX 6 WITH TERMINAL BLOCK - IP55

GW68491



Q-BOX 6 DISTRIBUTION BOARDS WITH SUPPLY TERMINAL BLOCK

							
Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-outlet 3P+N+E 16A	Socket-out 3P+E 32A	Socket-out 3P+N+E 32A		Pack Carton
GW 68 491	2		2		2		1
GW 68 494	2	2		2			1
GW 68 492	2	1	1	1	1		1
GW 68 493	3	2		1			1

PROTECTIONS:

GW68491: In:64A; General miniature circuit breaker 4P 80A - General residual current device 4P 80A 0.03A class AC
one MTC 2P 16A circuit breaker for the two 2P+E 16A 230V socket-outlets
one MTC 4P 16A circuit breaker for the two 3P+N+E 16A 400V socket-outlets
two MTC 4P 32A circuit breakers for the two 3P+N+E 32A 400V socket-outlets

GW68494: In:64A General miniature circuit breaker 4P 80A - General residual current device 4P 80A 0.03A class AC
one MTC 2P 16A circuit breaker for the two 2P+E 16A 230V socket-outlets
one MTC 3P 16A circuit breaker for the two 3P+E 16A 400V socket-outlets
two MTC 3P 32A circuit breakers for the two 3P+E 32A 400V socket-outlets

GW68492: In:64A; General switch-disconnector 4P 80A - General residual current device 4P 80A 0.03A class AC
one MTC 2P 16A circuit breaker for the two 2P+E 16A 230V socket-outlets
one MTC 4P 16A circuit breaker for the two 3P+E and 3P+N+E 16A 400V socket-outlets
one MTC 3P 32A circuit breaker for the 3P+E 32A 400V socket-outlet
one MTC 4P 32A circuit breaker for the 3P+N+E 32A 400V socket-outlet

GW68493: In:64A; General switch-disconnector 4P 80A - General residual current device 4P 80A 0.03A class AC
two MTC 2P 16A circuit breakers for the three 2P+E 16A 230V socket-outlets
one MTC 3P 16A circuit breaker for the two 3P+E 16A 400V socket-outlets
one MTC 3P 32A circuit breaker for the 3P+E 32A 400V socket-outlet

ACCESSORIES SUPPLIED: emergency push-button.







CHARACTERISTICS: the MTC compact miniature circuit breakers are C-bend 6kA.

NOTE: while awaiting the availability of the IP67 vertical interlocked switched socket-outlets, the boards will be supplied with IP55 socket-outlets.

GW68496



Q-BOX 6 DISTRIBUTION BOARDS WITH POWER SUPPLY TERMINAL BLOCK

							
Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-outlet 3P+N+E 16A	Socket-out 3P+N+E 32A	Socket-out 3P+N+E 63A	Domestic Schuko 10/16A	Pack Carton
GW 68 495	2	1		3			1
GW 68 496	3			2	1		1
GW 68 497	2			2	2		1
GW 68 543	② 3	2		1	1	4	1
GW 68 544	② 6	3	1	2			1

PROTECTIONS:

GW68495: In:80A board; General miniature circuit breaker 4P 100A - General residual current device 4P 100A 0.03A class AC
one MTC 2P 16A circuit breaker for the two 2P+E 16A 230V socket-outlets; one MTC 3P 16A circuit breaker for the 3P+E 16A 400V socket-outlet
three MTC 4P 32A circuit breakers for the three 3P+N+E 32A 400V socket-outlets

GW68496: In:80A board; General miniature circuit breaker 4P 100A - General residual current device 4P 100A 0.03A class AC
two MTC 2P 16A circuit breakers for the three 2P+E 16A 230V socket-outlets; two MTC 4P 32A circuit breakers for the two 3P+N+E 32A 400V socket-outlets
one MT 4P 63A circuit breaker for the 3P+N+E 63A 400V socket-outlet

GW68497: In:80A board; General miniature circuit breaker 4P 100A - General residual current device 4P 100A 0.03A class AC
one MTC 2P 16A circuit breaker for the two 2P+E 16A 230V socket-outlets; two MTC 4P 32A circuit breakers for the two 3P+N+E 32A 400V socket-outlets
one MT 4P 63A circuit breaker for the two 3P+N+E 63A 400V socket-outlets;

GW68543: In:80A board; General miniature circuit breaker 4P 100A - General residual current device 4P 100A 0.03A class AC
two MTC 2P 16A circuit breakers for the three 2P+E 16A 250V industrial socket-outlets; three MTC 2P 16A circuit breakers for the five 2P+E 16A 250V domestic socket-outlets
one MTC 3P 16A circuit breaker for the 3P+E 16A 400V industrial socket-outlet; one MTC 4P 32A circuit breaker for the 3P+N+E 32A 400V industrial socket-outlet
one MT 4P 63A circuit breaker for the 3P+N+E 63A 400V industrial socket-outlet

GW68544: In:64A board; General miniature circuit breaker 4P 80A - General residual current device 4P 100A 0.03A class AC
four MTC 2P 16A circuit breakers for the six 2P+E 16A 250V industrial socket-outlets; two MTC 3P 16A circuit breakers for the three 3P+E 16A 400V industrial socket-outlets
one MTC 4P 16A circuit breaker for the 3P+N+E 16A 400V industrial socket-outlet; one MTC 4P 32A circuit breaker for the 3P+N+E 32A 400V industrial socket-outlets

ACCESSORIES SUPPLIED: emergency push-button.

CHARACTERISTICS: the MTC compact miniature circuit breakers and MT standard miniature circuit breakers are C-bend 6kA. The industrial socket-outlets are of the interlocked type.

NOTE: while awaiting the availability of the IP67 vertical interlocked switched socket-outlets, the boards will be supplied with IP55 socket-outlets. GW68543-544 will be available with new vertical interlocked sockets IP67.

①=May 2010

②=June 2010

③=September 2010

68 ACS RANGE

DISTRIBUTION BOARD SYSTEM FOR ACS CONSTRUCTION SITES

Q-BOX 6 WITH FIXED PLUG - IP55

GW68473



Q-BOX 6 DISTRIBUTION BOARDS WITH FIXED SUPPLY PLUG 3P+N+E 32A

Code	Socket-outlet 2P+E 16A	16A	16A	Socket-out 3P+E 16A	Pack Carton
GW 68 473	3			3	1

In: 25A

PROTECTIONS:

Main isolator 4P 40A - General residual current device 4P 40A 0.03A class AC
 one MTC 2P 16A one-way switch for the three 2P+E 16A 230V socket-outlets
 one MTC 3P 16A one-way switch for the three 3P+E 16A 400V socket-outlets

ACCESSORIES SUPPLIED: socket-outlet/plug locking device, emergency push-button.

CHARACTERISTICS: MTC compact miniature circuit breakers are C curve 6kA.

GW68471



Q-BOX 6 DISTRIBUTION BOARDS WITH POWER SUPPLY PLUG 3P+N+E 63A

Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-outlet 3P+N+E 16A	Socket-out 3P+E 32A	Socket-out 3P+N+E 32A	Pack Carton
GW 68 471	3	2		1		1
GW 68 472	2		3	1		1
GW 68 474	2		2		2	1

PROTECTIONS:

GW68471: In:50A; General switch-disconnector 4P 63A - General residual current device 4P 63A 0.03A class AC
 one MTC 2P 16A circuit breaker for the three 2P+E 16A 230V socket-outlets
 one MTC 3P 16A circuit breaker for the two 3P+E 16A 400V socket-outlets
 one MTC 3P 32A circuit breaker for the 3P+E 32A 400V socket-outlet

GW68472: In:50A board; General switch-disconnector 4P 63A - General residual current device 4P 63A 0.03A class AC
 one MTC 2P 16A circuit breaker for the two 2P+E 16A 230V socket-outlets
 one MTC 3P 16A circuit breaker for the three 3P+E 16A 400V socket-outlets
 one MTC 3P 32A circuit breaker for the 3P+E 32A 400V socket-outlet

GW68474: In:50A board; General switch-disconnector 4P 63A - General residual current device 4P 63A 0.03A class AC
 one MTC 2P 16A circuit breaker for the two 2P+E 16A 230V socket-outlets
 one MTC 4P 16A circuit breaker for the two 3P+N+E 16A 400V socket-outlets
 one MTC 4P 32A circuit breaker for the two 3P+N+E 32A 400V socket-outlets

ACCESSORIES SUPPLIED: socket-outlet/plug lock device, emergency push-button.

CHARACTERISTICS: the MTC compact miniature circuit breakers are C-bend 6kA.

NOTE: while awaiting the availability of the IP67 vertical interlocked switched socket-outlets, the boards will be supplied with IP55 socket-outlets.

COMPLEMENTARY ITEMS

GW68463



METAL SUPPORT PAINTED IN YELLOW FOR Q-BOX 4/6

Code	Outer dim. LxHxD (mm)	Pack Carton
GW 68 463	1100 x 1650 x 630	1

CHARACTERISTICS: 2 side handles for manual handling; 2 slots on the top for lifting with a crane.

GW46554



POLE SUPPORT KIT FOR Q-BOX 4

Code	For boards LxH (mm)	Pack Carton
GW 46 554	515x650	1

APPLICATIONS: for applications of the 46QP boards on poles from 60 to 80mm and, by means of a banding (not included with the accessories supplied), from 80 to 200mm.

CHARACTERISTICS: fixed on the back of the boards.

①=May 2010

②=June 2010

③=September 2010

68 Q-DIN - WIRED BOARDS

Q-DIN 5 - MOBILE, PORTABLE BOARDS

GW68217N



Q-DIN 5 ACS BOARD WITH CABLE AND PLUG IEC 309 - IP65



Code	Socket-outlet 2P+E 16A	Pack Carton
GW 68 217 N ② 3		1/3

In: 14A

PROTECTIONS:

1 residual current circuit breaker type C 6kA 2P 16A - 0.03A class AC

ACCESSORIES SUPPLIED: 5 m of cable H 07 RN - F for connection to the mains and plug IEC 309 2P+E 16A 230V IP 67.

GW68223N



Q-DIN 5 ACS BOARD IN YELLOW SHOCKPROOF CASE WITH CABLE AND PLUG IEC 309 - IP65



Code	Socket-outlet 2P+E 16A	Pack Carton
GW 68 223 N ② 3		1/2

In: 14A

PROTECTIONS:

1 residual current circuit breaker type C 6kA 2P 16A - 0.03A class AC

ACCESSORIES SUPPLIED: 5 m of cable H 07 RN - F for connection to the mains and plug IEC 309 2P+E 16A 230V IP 67.

Q-DIN 10 - MOBILE, PORTABLE BOARDS

GW68203N



Q-DIN 10 ACS BOARD WITH CABLE AND PLUG IEC 309 - IP44



Code	Socket-outlet 2P+E 16A	Domestic Schuko 10/16A	Pack Carton
GW 68 203 N ② 2		2	1/3

In: 14A

PROTECTIONS:

1 residual current circuit breaker type C 6kA 2P 16A - 0.03A class AC

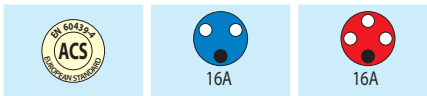
ACCESSORIES SUPPLIED: 5 m of cable H 07 RN - F for connection to the mains and plug IEC 309 2P+E 16A 230V IP 44.

CHARACTERISTICS: Italian German standard socket-outlets with side earth and plug pins Ø 4.8 mm.

GW68204N



Q-DIN 10 ACS BOARD WITH CABLE AND PLUG IEC 309 - IP65



Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Pack Carton
GW 68 204 N ② 2		2	1/2

In: 14A

PROTECTIONS:

1 residual current circuit breaker type C 6kA 4P 16A - 0.03A class AC.

ACCESSORIES SUPPLIED: 5 m of cable H 07 RN - F for connection to the mains and plug IEC 309 3P+N+E 16A 400V IP 67.

GW68216N



Q-DIN 10 BOARD EQUIPPED WITH CABLE AND PLUG IEC 309 - IP65



Code	Socket-outlet 2P+E 16A	Pack Carton
GW 68 216 N ② 4		1/2

In: 14A

PROTECTIONS:

1 residual current circuit breaker type C 6kA 2P 16A - 0.03A class AC

ACCESSORIES SUPPLIED: 5 m of cable H 07 RN - F for connection to the mains and plug IEC 309 2P+E 16A 230V IP 67.

68 ACS RANGE

①=May 2010

②=June 2010

③=September 2010

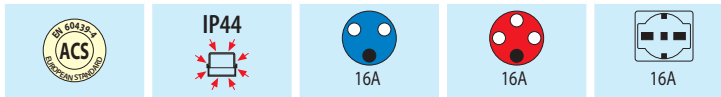
68 ACS RANGE

DISTRIBUTION BOARD SYSTEM FOR ACS CONSTRUCTION SITES

GW68401N



Q-DIN 10 ACS BOARD WITH CABLE AND PLUG IEC 309 - WITH YELLOW- PAINTED ACCIDENT PREVENTION METAL CONDUIT SUPPORT AND CABLE SUPPORT - IP44



Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Domestic Schuko 10/16A	Pack Carton
GW 68 401 N ②	2	1	1	1

In: 14A

PROTECTIONS:

1 residual current circuit breaker type C 6kA 4P 16A - 0.03A class AC

ACCESSORIES SUPPLIED: 15 m of cable H 07 RN - F for connection to the mains and plug IEC 309 3P+N+E 16A 400V IP 44.

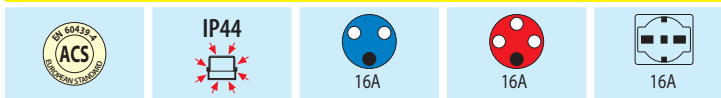
CHARACTERISTICS: Italian German standard socket-outlets with side earth and plug pins Ø 4.8 mm.

Q-DIN 14 - PORTABLE BOARDS

GW68411N



Q-DIN 14 ACS BOARD WITH CABLE AND PLUG IEC 309 - WITH YELLOW- PAINTED ACCIDENT PREVENTION METAL CONDUIT CARRIAGE WITH TWO WHEELS AND ROTARY DRUM FOR REWINDING AND STORING THE CABLE - IP44



Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Domestic Schuko 10/16A	Pack Carton
GW 68 411 N ②	2	2	2	1

In: 16A

PROTECTIONS:

General residual current device 4P 25A 0.03A class AC

1 MTC 2P 16A circuit breaker for the 2 socket-outlets 2P+E 16A 230V

1 MTC 2P 16A circuit breaker for the 2 domestic socket-outlets 2P+E 10/16A 230V

1 MTC 3P 16A circuit breaker for the 2 socket-outlets 3P+E 16A 400V

ACCESSORIES SUPPLIED 25 m of cable H 07 RN - F for connection to the mains and plug IEC 309 3P+N+E 16A 400V IP 44.

CHARACTERISTICS: Italian German standard socket-outlets with side earth and plug pins Ø 4.8 mm, the MTC compact miniature circuit breakers are C curve 6kA.

Q-DIN 20 - PORTABLE BOARDS

GW68424N



Q-DIN 20 ACS IP44 BOARD WITH CABLE AND PLUG IEC 309 - WITH YELLOW-PAINTED METAL CONDUIT CARRIAGE WITH TWO WHEELS AND ROTARY DRUM FOR REWINDING AND STORING THE CABLE - IP44



Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-out 3P+E 32A	Domestic Schuko 10/16A	Pack Carton
GW 68 421 N ②	2	2	2	2	1
GW 68 424 N ②	2	1	1	1	1

In: 32A

PROTECTIONS:

General residual current device 4P 40A 0.03A class AC

1 MTC 2P 16A circuit breaker for the 2 socket-outlets 2P+E 16A 230V

1 MTC 2P 16A circuit breaker for the 2 domestic socket-outlets 2P+E 10/16A 230V

1 MTC 3P 16A circuit breaker for the 2 socket-outlets 3P+E 16A 400V

1 MTC 3P 32A circuit breaker for the 2 socket-outlets 3P+E 32A 400V

ACCESSORIES SUPPLIED: 35 m of cable H 07 RN - F for connection to the mains and plug IEC 309 3P+N+E 32A 400V IP 44.

CHARACTERISTICS: Italian German standard socket-outlets with side earth and plug pins Ø 4.8 mm, the MTC compact miniature circuit breakers are C curve 6kA.

①=May 2010

②=June 2010

③=September 2010

68 Q-DIN - WIRED BOARDS

Q-DIN 4 - MOBILE BOARDS

GW68217



Q-DIN 4 BOARD EQUIPPED WITH CABLE AND IEC 309 PLUG - IP55



Code	Socket-outlet 2P+E 16A	Pack Carton
GW 68 217	3	1/3

In: 14A

PROTECTIONS:

1 residual current circuit breaker type C 6kA 2P 16A - 0.03A class AC

ACCESSORIES SUPPLIED: 5 m of cable H 07 RN - F for connection to the mains and plug IEC 309 2P+E 16A 230V IP 67.

GW68223



Q-DIN 4 BOARD EQUIPPED WITH CABLE AND IEC 309 PLUG - IP55 YELLOW SHOCKPROOF CASE



Code	Socket-outlet 2P+E 16A	Pack Carton
GW 68 223	3	1/2

In: 14A

PROTECTIONS:

1 residual current circuit breaker type C 6kA 2P 16A - 0.03A class AC

ACCESSORIES SUPPLIED: 5 m of cable H 07 RN - F for connection to the mains and plug IEC 309 2P+E 16A 230V IP 67.

Q-DIN 8 - MOBILE BOARDS

GW68203



Q-DIN 8 BOARD EQUIPPED WITH CABLE AND PLUG IEC 309 - IP44



Code	Socket-outlet 2P+E 16A	Domestic Schuko 10/16A	Pack Carton
GW 68 203	2	2	1/3

In: 14A

PROTECTIONS:

1 residual current circuit breaker type C 6kA 2P 16A - 0.03A class AC

ACCESSORIES SUPPLIED: 5 m of cable H 07 RN - F for connection to the mains and plug IEC 309 2P+E 16A 230V IP 44.

CHARACTERISTICS: Italian German standard socket-outlets with side earth and plug pins Ø 4.8 mm.

GW68204



Q-DIN 8 BOARD EQUIPPED WITH CABLE AND PLUG IEC 309 - IP55



Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Pack Carton
GW 68 204	2	2	1/2

In: 14A

PROTECTIONS:

1 residual current circuit breaker type C 6kA 4P 16A - 0.03A class AC.

ACCESSORIES SUPPLIED: 5 m of cable H 07 RN - F for connection to the mains and plug IEC 309 3P+N+E 16A 400V IP 67.

68 ACS RANGE

68 ACS RANGE

DISTRIBUTION BOARD SYSTEM FOR ACS CONSTRUCTION SITES

GW68216



Q-DIN 8 BOARD EQUIPPED WITH CABLE AND PLUG IEC 309 - IP55



Code	Socket-outlet 2P+E 16A	Pack Carton
GW 68 216	4	1/2

In: 14A

PROTECTIONS:

1 residual current circuit breaker type C 6kA 2P 16A - 0.03A class AC

ACCESSORIES SUPPLIED: 5 m of cable H 07 RN - F for connection to the mains and plug IEC 309 2P+E 16A 230V IP 67.

GW68401



Q-DIN 8 DISTRIBUTION BOARD WITH CABLE AND IEC 309 PLUG, METAL SUPPORT PAINTED IN YELLOW AND SUPPORT FOR CABLE - IP44



Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Domestic Schuko 10/16A	Pack Carton
GW 68 401	2	1	1	1

In: 14A

PROTECTIONS:

1 residual current circuit breaker type C 6kA 4P 16A - 0.03A class AC

ACCESSORIES SUPPLIED: 15 m of cable H 07 RN - F for connection to the mains and plug IEC 309 3P+N+E 16A 400V IP 44.

CHARACTERISTICS: Italian German standard socket-outlets with side earth and plug pins Ø 4.8 mm.

68 ACS RANGE

Q-DIN 12 - PORTABLE ENCLOSURES

GW68412



Q-DIN 12 DISTRIBUTION BOARD WITH CABLE AND IEC 309 PLUG, METAL SUPPORT PAINTED IN YELLOW AND SUPPORT FOR CABLE - IP55



Code	Socket-out 2P 16A/24V	Pack Carton
GW 68 412	2	1

In: 25A

PROTECTIONS:

2 knife switches 2P 16A

2 fuse holders 1P 10A

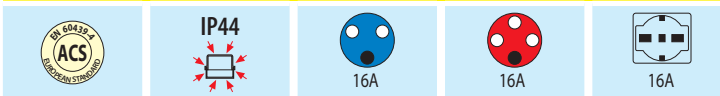
CHARACTERISTICS: the socket-outlets are equipped with thermal protection. If the device intervenes, extract the plug and check the applied load.

ACCESSORIES SUPPLIED: 20m cable H 07 RN - F connection to the mains and plug IEC 309 16A 2P+T 230V IP67.

GW68411



Q-DIN 12 DISTRIBUTION BOARD WITH CABLE AND IEC 309 PLUG, METAL SUPPORT PAINTED IN YELLOW EQUIPPED WITH TWO WHEELS AND REVOLVING DRUM TO WIND UP THE CABLE - IP44



Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Domestic Schuko 10/16A	Pack Carton
GW 68 411	2	2	2	1

In: 16A

PROTECTIONS:

General residual current device 4P 25A 0.03A class AC

1 MTC 2P 16A circuit breaker for the 2 socket-outlets 2P+E 16A 230V

1 MTC 2P 16A circuit breaker for the 2 domestic socket-outlets 2P+E 10/16A 230V

1 MTC 3P 16A circuit breaker for the 2 socket-outlets 3P+E 16A 400V

ACCESSORIES SUPPLIED: 25 m of cable H 07 RN - F for connection to the mains and plug IEC 309 3P+N+E 16A 400V IP 44.

CHARACTERISTICS: Italian German standard socket-outlets with side earth and plug pins Ø 4.8 mm, the MTC compact miniature circuit breakers are C curve 6kA.

①=May 2010

②=June 2010

③=September 2010

Q-DIN 18 - PORTABLE BOARDS

GW68421



Q-DIN 18 - DISTRIBUTION BOARD WITH CABLE AND IEC 309 PLUG, METAL SUPPORT PAINTED IN YELLOW EQUIPPED WITH TWO WHEELS AND REVOLVING DRUM TO WIND-UP THE CABLE - IP44

Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-out 3P+E 32A	Domestic Schuko 10/16A	Pack Carton
GW 68 421	2	2	2	2	1

In: 32A

PROTECTIONS:

- General residual current device 4P 40A 0.03A class AC
- 1 MTC 2P 16A circuit breaker for the 2 socket-outlets 2P+E 16A 230V
- 1 MTC 2P 16A circuit breaker for the 2 domestic socket-outlets 2P+E 10/16A 230V
- 1 MTC 3P 16A circuit breaker for the 2 socket-outlets 3P+E 16A 400V
- 1 MTC 3P 32A circuit breaker for the 2 socket-outlets 3P+E 32A 400V

ACCESSORIES SUPPLIED: 35 m of cable H 07 RN - F for connection to the mains and plug IEC 309 3P+N+E 32A 400V IP 44.

CHARACTERISTICS: Italian German standard socket-outlets with side earth and plug pins Ø 4.8 mm, the MTC compact miniature circuit breakers are C curve 6kA.

GW68424



Q-DIN 18 DISTRIBUTION BOARD WITH CABLE AND IEC 309 PLUG, METAL SUPPORT PAINTED IN YELLOW EQUIPPED WITH TWO WHEELS AND REVOLVING DRUM

Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Socket-out 3P+E 32A	Pack Carton
GW 68 424	2	1	1	1

In: 32A

PROTECTIONS:

- General residual current device 4P 40A 0.03A class AC
- one MTC 2P 16A circuit breaker for the two 2P+E 16A 230V socket-outlets
- one MTC 3P 16A circuit breaker for the two 3P+E 16A 400V socket-outlets

ACCESSORIES SUPPLIED: 25m cable H 07 RN - F connection to the mains and plug IEC 309 3P+N+E 32A 400V IP67.

CHARACTERISTICS: MTC compact miniature circuit breakers are C-bend 6kA.

68 ACS RANGE

66 COMBIBLOC - WIRED BOARDS

COMBIBLOC - PORTABLE DISTRIBUTION BOARDS

GW66388



COMBIBLOC DISTRIBUTION BOARDS FITTED WITH CABLE AND PLUG IEC309 IN METAL, YELLOW-PAINTED, SUPPORT - IP55

Code	Socket-outlet 2P+E 16A	Socket-outlet 3P+N+E 16A	Socket-out 3P+N+E 32A	Pack Carton
GW 66 388	2	1		1
GW 66 389	1	1	1	1

PROTECTIONS:

GW66388:

- General residual current device 4P 40A 0.03A class AC
- two MTC 2P 16A circuit breakers for the two 2P+T 16A 250V socket-outlets
- one MTC 4P 16A circuit breaker for the 3P+N+T 16A 400V socket-outlet

GW66389:

- General residual current device 4P 40A 0.03A class AC
- one MTC 2P 16A circuit breaker for the 2P+T 16A 250V socket-outlet
- one MTC 4P 16A circuit breaker for the 3P+N+T 16A 400V socket-outlet
- one MTC 4P 32A circuit breaker for the 3P+N+T 32A 400V socket-outlet

ACCESSORIES SUPPLIED: IEC309 power supply plug for GW66388 and GW66389 3P+N+T 32A

5m H07RN-F cable for network connection

CHARACTERISTICS: MTC compact miniature circuit breakers are C-bend 6kA.

①=May 2010

②=June 2010

③=September 2010

68 Q-MC - WIRED TERMINALS

Q-MC 16T - MOBILE TERMINALS

GW68883A



QMC 16 T ACS TRANSPORTABLE WIRED TERMINALS WITH DOUBLE-FACE TAKE-OFF, EQUIPPED WITH NON-INTERLOCKED SWITCHED SOCKET-OUTLETS - IP56



Code	Socket-outlet 2P+E 16A	Socket-outlet 3P+E 16A	Socket-outlet 3P+N+E 16A	Socket-outlet 3P+N+E 32A	Pack Carton
GW 68 881 A	7				1
GW 68 883 A	4	1	1	1	1
GW 68 884 A	2	1	2	1	1

PROTECTIONS:

GW68881A:

General residual current device 4P 40A 0.03A class AC
6 MTC 2P 16A circuit breakers

GW68883A:

General miniature circuit breaker 4P 50A 10kA C-bend
Residual current circuit breaker 4P 63A 0.03A class AC
two MTC 2P 16A circuit breakers for the four 2P+T 16A 250V socket-outlets
one MTC 4P 16A circuit breaker for the socket-outlet 3P+N+T 16A 400V and socket-outlet 3P+T 16A 400V
one MTC 4P 32A circuit breaker for the 3P+N+T 32A 400V socket-outlet

GW68884A:

General miniature circuit breaker 4P 50A 10kA C-bend
Residual current circuit breaker 4P 63A 0.03A class AC
one MTC 2P 16A circuit breaker for the two 2P+T 16A 250V socket-outlets
one MTC 3P 16A circuit breaker for the 3P+T 16A 400V socket-outlet
one MTC 4P 16A circuit breaker for the two 3P+N+T 16A 400V socket-outlets
one MTC 4P 32A circuit breaker for the 3P+N+T 32A 400V socket-outlet

ACCESSORIES SUPPLIED: IEC309 power supply plug for GW68881 3P+N+T 32A, for GW68883, GW68884 3P+N+T 63A 5m cable, 5x10mm². H07RN-F of network connection for GW68883, GW68884 5m cable, 5x4mm². H07RN-F of network connection for GW68881 emergency push-button.

CHARACTERISTICS: stainless steel cable fastener devices; enclosure with hinged opening, can be equipped with a security lock for access to modular devices. MTC compact miniature circuit breakers are C-bend 6kA.

68 ACS RANGE

ACS PREDETERMINED CONSTRUCTION SYSTEM COMPONENTS

46 QP - WATERTIGHT POLYESTER BOARDS - IP65

GW46004



WATERTIGHT POLYESTER BOARDS WITH BLANK DOOR EQUIPPED WITH LOCK - GREY RAL 7035



Code	Outer dim. LxHxD (mm)	No. modules DIN	No. locks	Dispersible power(W)	Characteristics	Pack Carton
GW 46 003	405 x 500 x 200	54 (18x3)	2	105	Halogen Free	1
GW 46 004	405 x 650 x 200	72 (18x4)	2	118	Halogen Free	1
GW 46 005	515 x 650 x 250	96 (24x4)	2	126	Halogen Free	1
GW 46 006	585 x 800 x 300	140 (28x5)	2	205	Halogen Free	1

NOTES: dispersible power calculated according to IEC 23-49.

CHARACTERISTICS: boxes fitted with new, pre-assembled inserts to speed up the configuration of the board.

Doors equipped with functional grid of reference for fixing the devices.

It is possible to fix the windowed panels directly in the seats on the side walls of the board.

ACCESSORIES SUPPLIED: screwcaps for double insulation, 4 reversible squares with the relative bolts and screws for fixing the back-mounting plates or uprights for modular equipment.

GW46206



WATERTIGHT POLYESTER BOARDS WITH DOOR EQUIPPED WITH TRANSPARENT WINDOW AND LOCK - GREY RAL 7035

Code	Outer dim. LxHxD (mm)	No. modules DIN	No. locks	Dispersible power(W)	Characteristics	Pack Carton
GW 46 203	405 x 500 x 200	54 (18x3)	2	105	Halogen Free	1
GW 46 204	405 x 650 x 200	72 (18x4)	2	118	Halogen Free	1
GW 46 205	515 x 650 x 250	96 (24x4)	2	126	Halogen Free	1
GW 46 206	585 x 800 x 300	140 (28x5)	2	205	Halogen Free	1

NOTES: dispersible power calculated according to IEC 23-49.

CHARACTERISTICS: boxes fitted with new inserts, pre-assembled in the slots, to speed up the configuration of the board.

For the transparent porthole version: GWT 650°C.

It is possible to fix the windowed panels directly in the seats on the side walls of the board.

ACCESSORIES SUPPLIED: screwcaps for double insulation, 4 reversible squares with the relative bolts and screws for fixing the back-mounting plates or uprights for modular equipment.

TECHNICAL COMPONENTS FOR BOARDS 46 QP - FRONT CONFIGURATION

GW46421F



COVERING PANELS WITH WINDOW, HEIGHT 1 MODULE, FAST & EASY ASSEMBLY - GREY RAL 7035

Code	No. of modules EN 50022	For standard boards (mm)	Characteristics	Pack Carton
GW 46 421 F	18	405	Halogen Free	1/10
GW 46 422 F	24	515	Halogen Free	1/10
GW 46 423 F	28	585	Halogen Free	1/5

ACCESSORIES SUPPLIED: fixing accessories. Complete with DIN rail.

CHARACTERISTICS: captive panel 1/4 turn sealing screws.

GW46426F



FAST & EASY QUICK ASSEMBLY BLANK COVERING PANELS - GREY RAL 7035

Code	For boards L (mm)	Characteristics	Pack Carton
HEIGHT: 1 MODULE			
GW 46 426 F	405	Halogen Free	1/10
GW 46 427 F	515	Halogen Free	1/13
GW 46 428 F	585	Halogen Free	1/5

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: captive panel 1/4 turn sealing screws.

GW46437F



PAIRS OF UPRIGHTS FOR INSTALLATION OF FAST & EASY QUICK ASSEMBLY TECHNICAL COMPONENTS FOR MODULAR EQUIPMENT, MOULDED-CASE DEVICES AND DISCONNECTING SWITCHES

Code	For boards LxH (mm)	Pack Carton
GW 46 436 F	405 x 500	1/10
GW 46 437 F	405 x 650 / 515 x 650	1/10
GW 46 438 F	585 x 800	1/10

APPLICATIONS: allow you to create extractable frames, using covering panels and/or DIN rails, moulded-case device kits and disconnecting switches.

68 ACS RANGE

DISTRIBUTION BOARD SYSTEM FOR ACS CONSTRUCTION SITES

GW46433F



FAST & EASY QUICK ASSEMBLY DIN RAILS

Code	No. of modules EN 50022	For standard boards (mm)	Pack Carton
GW 46 431 F	18	405	1/10
GW 46 432 F	24	515	1/10
GW 46 433 F	28	585	1/10

ACCESSORIES SUPPLIED: accessories for fixing to panel brackets.

GW46570F



KIT OF MOULDED-CASE DEVICES AND DISCONNECTING SWITCHES - FIXING BY MEANS OF UPRIGHTS - PANELS, HEIGHT 2 MODULES - GREY RAL 7035

Code	Type MTS moulded-case dev.	Position of the RCCB	For standard boards (mm)	Pack Carton
DEVICE FIXING: PLATE, DIN RAIL EN 50022				
GW 46 570 F	MTS 160	"L"-shaped	405	1
GW 46 571 F	MTS 160	"L"-shaped	515	1
GW 46 572 F	MTS 160	"L"-shaped	585	1

ACCESSORIES SUPPLIED: fixing accessories.

CHARACTERISTICS: panels with windowing H=45mm; captive and sealing 1/4 turn screws. fixed with uprights.

Rearrangement for vertically positioned equipment. Halogen-free plastic material.

NOTES: the MTS 160 are fixed to the DIN rail with the special brackets contained in the kit GW98060; this kit is included in the residual current device package BDS 160 alongside. The MTS 250 require the kit GW98488 (MTS 250 3P) or GW98489 (MTS 250 4P); the kit also contains the bracket for fixing to DIN rail EN 50023.

SERVICE TECHNICAL COMPONENTS FOR BOARDS 46 QP

GW46451



SET OF 4 STEEL BRACKETS FOR FIXING SURFACE-MOUNTING BOARDS

Code	Material	Accessories supplied	Pack Carton
GW 46 446	Galvanised steel	Fixing screws	20
GW 46 451	Stainless steel	Fixing screws	20

GW46554



POLE SUPPORT KIT

Code	For boards LxH (mm)	Pack Carton
GW 46 553	405x500 / 405x650	1
GW 46 554	515x650	1
GW 46 555	585x800	1

APPLICATIONS: for applications of the 46QP boards on poles from 60 to 80mm and, by means of a banding (not included with the accessories supplied), from 80 to 200mm.

CHARACTERISTICS: fixed on the back of the boards.

GW46591



PAIR OF HANDLES FOR TRANSPORTATION

Code	Description	Pack Carton
GW 46 591	Pair of handles	1/10

APPLICATIONS: allows the 46QP boards to be transported.

NOTES: the handle kit can be used simultaneously with the pole support kit or the set of brackets, for wall mounting.

GW46522



TRIANGULAR LOCK KIT

Code	Description	Pack Carton
GW 46 522	Triangular key	10
GW 46 523	Triangular lock	10

APPLICATIONS: for frames - 46QP, QX, QM, and CEP.

GW46445



SAFETY LOCK WITH HANDLE

Code	Description	Pack Carton
GW 46 445	Security lock key and handle	10

APPLICATIONS: for frames - 46QP, QX, QM, and CEP.

ACCESSORIES SUPPLIED: 2 keys. all the keys are supplied with a standardised code.

NOTES: all the keys and locks supplied are standard, so the key can open all the locks with the same product code.

①=May 2010

②=June 2010

③=September 2010

40 CDK - UNWIRED ENCLOSURES FOR INGOING AND MEASUREMENT ASSEMBLIES

GW40103



ENCLOSURES PREARRANGED FOR HOUSING TERMINAL BLOCKS - TRANSPARENT SMOKED DOOR - SMOOTH WALLS - IP65

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Installable term.blocks	Pack Carton
GW 40 103	12	298 x 260 x 140	GW40402	6

ACCESSORIES SUPPLIED: screwcaps for double insulation, module masks, service labels.

68 Q-BOX - UNWIRED FINAL DISTRIBUTION BOARD

GW68465



Q-BOX 4 UNWIRED DISTRIBUTION BOARD - IP55

Code	Supplied earth term. block	No. of modules EN 50022	Pack Carton
GW 68 465	(7 x 10 mm ²)	12	1

ACCESSORIES SUPPLIED: modular 12+1M enclosure and blank enclosure for terminal block.

GW68466



Q-BOX 6 UNWIRED DISTRIBUTION BOARDS - IP55

Code	Supplied earth term. block	No. modules DIN	Pack Carton
GW 68 466	(2x25mm ²)+(10x10mm ²)	24 (12+12)	1

ACCESSORIES SUPPLIED: 2 modular 12+1M enclosures and blank enclosure for terminal block.

TECHNICAL COMPONENTS FOR 68 Q-BOX



SET OF 4 STEEL BRACKETS FOR FIXING SURFACE-MOUNTING BOARDS

Code	Material	Pack Carton
GW 46 446	Galvanised steel	20
GW 46 451	Stainless steel	20

GW68552



PANELS FOR Q-BOX 4/6 - IP55

Code	Description	Dimensions (mm)	Pack Carton
GW 68 551	Ⓢ Panel - blank	270x415	1
GW 68 552	Ⓢ 12 modules board	270x415	1
GW 68 553	Ⓢ 2 IEC 309 16/32A and 4 IEC 309 16A 3P+N+E IP44/67	270x415	1
GW 68 554	Ⓢ 4 Combibloc 16-32A IP44/55	270x415	1
GW 68 556	Ⓢ 2 Vertical 16-32A IP67 + 2 flush mounting 16A IP44/67 or GW27401	270x415	1
GW 68 559	Ⓢ 4 flush-mounting 16A IP44/67 5 Vertical 16-32A IP67 or GW27401	540x415	1

ACCESSORIES SUPPLIED: panels with base, fixing screws and closure.

CHARACTERISTICS:

Internal space of Q-BOX 4: 540x415mm

Internal space of Q-BOX 6: 810x415mm.

GW68591



FIXING KIT FOR 160A ONE-WAY SWITCHES FOR GW68552 PANEL

Code	Description	Pack Carton
GW 68 591	Ⓢ For inserting from 160A	1/20

GW68504



EMERGENCY PUSH BUTTON KIT

Code	Description	Pack Carton
GW 68 504	Kit containing push-button, indicator lamp cont., fuse-hold	1/4

GW68503



12-MODULE WATERTIGHT ENCLOSURE FRONT FOR Q-BOX - IP55

Code	No. modules DIN	Pack Carton
GW 68 503	12+1	1/8

68 ACS RANGE

68 ACS RANGE

DISTRIBUTION BOARD SYSTEM FOR ACS CONSTRUCTION SITES

GW68505



PLUG-SOCKET-OUTLET BLOCK

Code	Description	Pack Carton
GW 68 505	Plug/socket-outlet block	1/10

GW68463



YELLOW METAL SUPPORT FOR Q-BOX 4/6

Code	Outer dim. LxHxD (mm)	Pack Carton
GW 68 463	1100 x 1650 x 630	1

CHARACTERISTICS: 2 side handles for manual handling; 2 slots on the top for lifting with a crane.

GW46445



SECURITY LOCK WITH HANDLE

Code	Description	Pack Carton
GW 46 445	Security lock key and handle	10

ACCESSORIES SUPPLIED: 2 keys. All keys are supplied with a standardized code.

GW46447

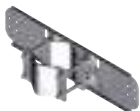


DOCUMENT HOLDER POCKET IN SELF-ADHESIVE INSULATING MATERIAL WITH KIT OF BLANK LABELS

Code	Dimensions (mm)	Pack Carton
GW 46 447	310x230	1/10

CHARACTERISTICS: the document wallet can be inserted in all Gewiss distribution boards starting with the 405x500x200 mm size.

GW46554



POLE SUPPORT KIT

Code	For boards LxH (mm)	Pack Carton
GW 46 554	515x650	1

APPLICATIONS: for applying boards 68 Q-BOX 4 on poles from 60mm to 80mm.

CHARACTERISTICS: fixed on the back of the boards.

68 ACS RANGE

①=May 2010

②=June 2010

③=September 2010

MULTIFUNCTION FLOODLIGHTS

GENIUS - MOBILE USES - SYMMETRICAL DIFFUSED OPTICS



FLOODLIGHTS ON TUBULAR SUPPORT - IP55 - CLASS I



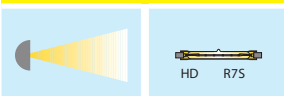
Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 204	500 W	HD	R7s	2.1 A	Graphite grey	2.8	1
GW 84 205	1000 W	HD	R7s	4.3 A	Graphite grey	4.8	1

CHARACTERISTICS: protective wire guard and cable type H07RN-F section 3x1.5mm², length 5m with plug IEC 309 16 A 2P+E 200-250V - IP67.
GW84204: also suitable for 200 W - 300 W - 400 W lamps; GW84205: also suitable for 750 W lamps.

GW84220



FLOODLIGHTS ON ADJUSTABLE TELESCOPIC SUPPORT (MIN 1M - MAX 2M) - IP55 - CLASS I



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 220	500 W	HD	R7s	2.1 A	Graphite grey	4.6	1

CHARACTERISTICS: protective wire guard and cable type H07RN-F section 3x1.5mm², length 5m with plug IEC 309 16 A 2P+E 200-250V - IP67.
Also suitable for 200 W - 300 W - 400 W lamps.

GW88202



SPARE PARTS

Code	Description	Suitable for	Dimensions (mm)	Weight (kg)	Pack Carton
GW 88 202	Glass	500W	150x180	0.3	1/5
GW 88 223	Glass	1000W	350x220	0.9	1/5

68 ACS RANGE

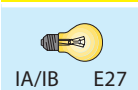
LUMINOUS INDICATOR DEVICES

RETTA - RECTANGULAR LUMINAIRES

GW80401



VERSIONS FOR INCANDESCENT LAMPS - IP44 - CLASS II

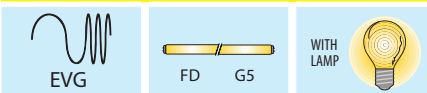


Code	Max lamp power	Lamp	Lamp holder	Diffuser colour	Weight (kg)	Pack Carton
GW 80 401	75 W	IA / IB	E27	Transparent	0.3	12
GW 80 402	75 W	IA / IB	E27	Yellow	0.3	12
GW 80 403	75 W	IA / IB	E27	Red	0.3	12
GW 80 404	75 W	IA / IB	E27	Green	0.3	12

GW80421F



FLUORESCENT VERSIONS - IP44 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Diffuser colour	Weight (kg)	Pack Carton
GW 80 421 F	4 W	FD	G5	Transparent	0.4	1/12
GW 80 422 F	4 W	FD	G5	Yellow	0.4	1/12
GW 80 423 F	4 W	FD	G5	Red	0.4	1/12
GW 80 424 F	4 W	FD	G5	Green	0.4	1/12

68 ACS RANGE

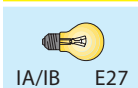
DISTRIBUTION BOARD SYSTEM FOR ACS CONSTRUCTION SITES

TARTA - OVAL LUMINAIRES

GW80411



VERSIONS FOR INCANDESCENT LAMPS - IP44 - CLASS II



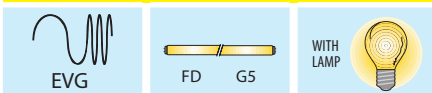
Code	Max lamp power	Lamp	Lamp holder	Diffuser colour	Weight (kg)	Pack Carton
GW 80 409	60 W	IA / IB	E27	Transparent	0.2	36
GW 80 410	60 W	IA / IB	E27	Yellow	0.2	36
GW 80 411	60 W	IA / IB	E27	Red	0.2	36
GW 80 412	60 W	IA / IB	E27	Green	0.2	36

CHARACTERISTICS: suitable for installation directly on to walls via screws or on to trunking using cable ties.

GW80428F



FLUORESCENT VERSIONS - IP44 - CLASS II

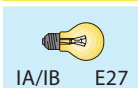


Code	Lamp power	Lamp	Lamp holder	Diffuser colour	Weight (kg)	Pack Carton
GW 80 426 F	4 W	FD	G5	Transparent	0.3	1/12
GW 80 427 F	4 W	FD	G5	Yellow	0.3	1/12
GW 80 428 F	4 W	FD	G5	Red	0.3	1/12
GW 80 429 F	4 W	FD	G5	Green	0.3	1/12

HOBBY - SHOCKPROOF PORTABLE LAMPS



VERSIONS FOR INCANDESCENT LAMPS - CLASS II - IP40 (VERSION WITH COVER) - IP20 (VERSION WITH CAGE)



Code	Max lamp power	Lamp	Lamp holder	Type	Cable length	Weight (kg)	Pack Carton
GW 80 417	40 W	IA / IB	E27	With diffuser	6 m	0.6	16
GW 80 418	40 W	IA / IB	E27	With cage	4 m	0.5	16

ACCESSORIES SUPPLIED: cable section 2x0.75mm² type H05VV-F with plug 2P 10 A - 250V Italian standard.

CHARACTERISTICS: GW80417, with single-pole one-way switch 3 A 250 V.

①=May 2010

②=June 2010

③=September 2010

68 Q-MC 63X range

Energy and services stainless steel distribution pedestals

Double insulation AISI 316L inox steel pedestals for the distribution of power, water, TV, telephone and signals.

- Wired and empty versions for ports, campings, urban and industrial areas.
- Maximum resistance to atmospheric, chemical and mechanical agents and UV rays.
- Versions for centralised and prepaid with electronic management system.
- Versions that can be customised on demand,wired and certified.



68 Q-MC 63X RANGE

ENERGY AND SERVICES STAINLESS STEEL DISTRIBUTION PEDESTALS

APPLICATION FOR Q-MC 63 X PEDESTALS IN AISI 316 L STAINLESS STEEL

CODE	INSTALLED SOCKET-OUTLETS	HARBOURS	CAMPsites	URBAN AREAS	GARDENS, PARKS	CONDOMINIAL AREAS	INDUSTRIAL AREAS
GW 68 901	4 SOCKET-OUTLETS 2P+ $\frac{1}{2}$ 16A	•	•	•	•	•	•
GW 68 902	2 SOCKET-OUTLETS 2P+ $\frac{1}{2}$ 16A 2 SOCKET-OUTLETS 3P+N+ $\frac{1}{2}$ 16A	•		•	•		•
GW 68 903	2 SOCKET-OUTLETS 2P+ $\frac{1}{2}$ 16A 2 SOCKET-OUTLETS 3P+N+ $\frac{1}{2}$ 32A	•		•			•
GW 68 904	2 SOCKET-OUTLETS 3P+N+ $\frac{1}{2}$ 63A	•					
GW 68 905	6 SOCKET-OUTLETS 2P+ $\frac{1}{2}$ 16A		•	•			•
GW 68 908	4 SOCKET-OUTLETS 2P+ $\frac{1}{2}$ 16A ELECTRONIC SYSTEM	•	•	•			•
GW 68 909	2 SOCKET-OUTLETS 2P+ $\frac{1}{2}$ 16A 2 SOCKET-OUTLETS 3P+N+ $\frac{1}{2}$ 16A ELECTRONIC SYSTEM	•		•			•
GW 68 921	FIRE-FIGHTING	•	•		•	•	•
GW 68 923	FIRE-FIGHTING SUITABLE FOR LANCE, SUPPORT AND HOSE	•	•				•


68 Q-MC 63X RANGE

WIRED PEDESTALS Q-MC 63 X IN AISI 316 L STAINLESS STEEL


CODE	No. IEC 309 SOCKET-OUTLETS				MAIN PROTECTION			INDIVIDUAL PROTECTION				IP RATING	
	16A 2P	16A 4P	32A 4P	63A 4P	TYPE	No. poles	In (A)	TYPE	NO.	In (A)	NO.		In (A)
GW 68 901	4				ISOLATOR	4	32	RCCB WITH OVERCURRENT PROTECTION	4	2P 16A			56
GW 68 902	2	2			ISOLATOR	4	63	RCCB WITH OVERCURRENT PROTECTION	2	2P 16A	2	4P 16A	56
GW 68 903	2		2		ISOLATOR	4	80	RCCB WITH OVERCURRENT PROTECTION	2	2P 16A	2	4P 32A	56
GW 68 904				2	/	/	/	RCCB WITH OVERCURRENT PROTECTION	2	4P 63A			56
GW 68 905	6				ISOLATOR	4	32	RCCB WITH OVERCURRENT PROTECTION	6	2P 16A			56
GW 68 908	4				ISOLATOR	4	40	RCCB WITH OVERCURRENT PROTECTION	4	2P 16A			56
GW 68 909	2	2			/	/	/	RCCB WITH OVERCURRENT PROTECTION	2	2P 16A	2	4P 16A	56




FIRE FIGHTING Q-MC 63 X IN AISI 316 L STAINLESS STEEL

	CODE	CONFIGURATION
	GW 68 921	FITTED FOR 6 KG FIRE EXTINGUISHER
	GW 68 923	SUITABLE FOR VALVE, LANCE, SUPPORT AND HOSE
	GW 68 779	KIT CONTAINING LANCE, 15M HOSE, SUPPORT AND ACCESSORIES

EMPTY Q-MC 63 X IN AISI 316 L STAINLESS STEEL

	CODE	CONFIGURATION	SIDE A	SIDE B
	GW 68 931	Double-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel

COMPONENTS FOR Q-MC 63 X IN AISI 316 L STAINLESS STEEL

TYPES OF PANELS					
	FOR SBF INTERLOCKED SWITCHED SOCKET-OUTLETS ASSEMBLY			FOR DEVICE INSTALLATION	
	CODE	TYPE	NO.	TYPE	NO.
	GW 68 745 W	66 IB range Horizontal IP44 16/32A	2		
	GW 68 746 W	66 IB range Vertical IP55 16/32A	2		
	GW 68 747 W	66 Combibloc range IP44/55 16/32A	2	IEC 309 range, flush-mounting 16A or 85x75mm caps	1
	GW 68 748 W			IEC 309 range, flush-mounting 16/32A or 85x75mm caps	4
	GW 68 749 W	66 IB range Vertical IP55 63A	1		
	GW 68 750 W			blank	

68 Q-MC 63X RANGE

COMPACT PEDESTALS IN STAINLESS STEEL AISI 316L

WIRED

GW68901



QMC 63 X WIRED PEDESTALS IN STAINLESS STEEL AISI 316L, WITH DOUBLE-FACE TAKE-OFF, EQUIPPED WITH VERTICAL INTERLOCKED SOCKET-OUTLETS - CLASS II - IP56



Code	Socket-outlets 2P+E 16A	Socket-outlets 3P+N+E 16A	Socket-outlets 3P+N+E 32A	Socket-outlets 3P+N+E 63A	Pack. Carton.
GW 68 901	4				1
GW 68 902	2	2			1
GW 68 903	2		2		1
GW 68 904				2	1

PROTECTIONS:

GW68901:In = 25A

Main switch 4P 32A; 4 RCCBO 2P 16A 0,03A type AC 6kA for 4 socket 2P+T 16A 230V

GW68902:In = 38A

Main switch 4P 63A; 2 RCCBO 2P 16A 0,03A type AC 6kA for 2 socket 2P+T 16A 230V;

2 RCCBO 4P 16A 0,03A type AC 6kA for 2 sockets 3P+N+T 16A 400V

GW68903:In = 64A

Main switch 4P 80A; 2 RCCBO 2P 16A 0,03A type AC 6kA for 2 sockets 2P+T 16A 230V;

2 RCCBO 4P 32A 0,03A type AC 6kA for 2 sockets 3P+N+T 32A 400V

GW68904:In = 90A

2 RCCBO 4P 63A 0,03A type AC 10kA for 2 sockets 3P+N+T 63A 400V

CHARACTERISTICS: top in thermoplastic material,athermic,base in stainless steel with knock-proof and anti-abrasion protective cover in easily removable,insulating material. Power supply terminal block section : GW68901 e GW68902 16 mm², GW68903 e GW68904 35 mm².

ACCESSORIES SUPPLIED: nr. 1 fluorescent lighting lamp 16W 230V; GW68901, GW68902 e GW68903: nr.4 padlockable spehrical water taps of 1/2"; GW68904 nr.2 padlockable spehrical water taps of 1/2".

68 Q-MC 63X
RANGE

GW68905



QMC 63 X WIRED PEDESTAL IN STAINLESS STEEL AISI 316L WITH DOUBLE-FACE TAKE-OFF, EQUIPPED WITH IEC 309 SOCKET-OUTLETS - CLASS II - IP56



Code	Socket-outlets 2P+E 16A	Pack. Carton.
GW 68 905	6	1

In = 25A

PROTECTIONS: Main switch 4P 32A; 6 RCCBO 2P type AC C 6kA 16A 0,03A for 6 sockets 2P+T 16A 230V.

CHARACTERISTICS: top in thermoplastic material,athermic,base in stainless steel with knock-proof and anti-abrasion protective cover in easily removable,insulating material. Power supply terminal block section: 16 mm².

ACCESSORIES SUPPLIED: nr. 1 fluorescent lighting lamp 16W 230V.

WIRED WITH ELECTRONIC SYSTEM

GW68908



QMC 63 X WIRED PEDESTALS IN STAINLESS STEEL AISI 316L, WITH DOUBLE-FACE TAKE-OFF FOR PREPAID, CENTRALISED ELECTRONIC MANAGEMENT SYSTEM, WITH VERTICAL INTERLOCKED SOCKET-OUTLETS - CLASS II - IP56



Code	Socket-outlet 2P+E 16A	Socket-outlet 3P+N+E 16A	Pack. Carton.
GW 68 908	4 (2 for side)		1
GW 68 909	2	2 (1 for side)	1

PROTECTIONS:

GW68908:In = 25A

Main switch 4P 40A; 4 RCCBO 2P 16A 0,03A type AC 6kA for 4 sockets 2P+T 16A 230V

GW68909:In = 38A

2 RCCBO 2P 16A 0,03A type AC 6kA for 2 sockets 2P+T 16A 230V; 2 RCCBO 4P 16A 0,03A type AC 6kA for 2 sockets 3P+N+T 16A 400V

ACCESSORIES SUPPLIED: 1 fluorescent lighting lamp 16W 230V; 4 padlockable spherical water taps 1/2"

CHARACTERISTICS: stainless steel cable fastener devices ; enclosure with hinged opening, can be equipped with security lock,for accessing the modular devices. Power supply terminal block section: GW68908 16 mm², GW68909 35 mm².

NOTA: For to start with the centralized system please contact the Customer Service SAT (035/946111) or to specialized installer.

①=May 2010

②=June 2010

③=September 2010

EMPTY

GW68931



EMPTY PEDESTAL IN STAINLESS STEEL AISI 316L WITH DOUBLE-FACE TAKE-OFF QMC 63X - CLASS II - IP56

Code	Type	Possible configuration	Possible configuration	Pack. Carton.
GW 68 931	Double-sided	Side A: 1 panel	Side B: 1 panel	1

CHARACTERISTICS: 18-module enclosure with hinged opening, that can be fitted with security lock, for access to modular devices. Prearrangement for lighting kit 16W 230V and water kit with 2 or 4 padlockable spherical taps of 1/2", available as accessories. Double-face take-off with cable fastener devices on sides A and B. Head in thermoplastic heat-absorbing material; base in stainless steel with knock-proof and anti-abrasion protective cover in easily removable, insulating material. **ACCESSORIES SUPPLIED:** junction box for housing power supply terminal block.

FIRE-FIGHTING

GW68921



FIRE-FIGHTING PEDESTAL IN STAINLESS STEEL AISI 316L, WITH HOUSING FOR FIRE EXTINGUISHER

Code	Housable fire extinguisher	Side A	Side B	Pack. Carton.
GW 68 921	6 Kg	Tear-off door	Tear-off door	1

CHARACTERISTICS: accessible from both sides by tearing off the door. Prearranged for 1 ordinary or emergency lamp, available as accessories. Top in heat-absorbing thermoplastic material, base in stainless steel with antishock and abrasion covering for an easy removing.

GW68923



FIRE-PREVENTION PEDESTAL IN STAINLESS STEEL AISI 316L, PREARRANGED FOR HOUSING LANCE AND HOSE

Code	Type	Side A	Side B	Pack. Carton.
GW 68 923	Double-sided	Tear-off door	Tear-off door	1

CHARACTERISTICS: accessible from both sides by tearing off the door. Prearranged for 1 ordinary or emergency lamp, available as accessories. Top in heat-absorbing thermoplastic material, base in stainless steel with antishock and abrasion covering for an easy removing.

GW68779



KIT CONTAINING LANCE, HOSE AND SUPPORT

Code	Description	Pack. Carton.
GW 68 779	15m hose, and accessories 1 1/2" lance	1

COMPLEMENTARY ITEMS FOR PREPAID AND CENTRALIZED ELECTRONIC SYSTEM

GW68991



TRANSPONDER KEY PROGRAMMING KIT (PREPAID / CENTRALISED SYSTEM)

Code	Description	Pack. Carton.
GW 68 991	Programming console and s/w for PC with USB key	1

NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W.
For use with other pedestals, please contact the Customer Service SAT.

GW68992



TRANSPONDER KEY (PREPAID / CENTRALISED SYSTEM)

Code	Description	N. Keys	Pack. Carton.
GW 68 992	Transponder key to encode	1	1/10

NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W.
For use with other pedestals, please contact the Customer Service SAT.

GW68993



KIT FOR CENTRALISED SYSTEM, FOR SYSTEMS WITH OVER 75 PEDESTALS

Code	Description	Pack. Carton.
GW 68 993	Management software with USB key and converter	1

COMPOSITION:

- 1 USB key for pc
- 1 USB-RS485 converter
- 1 Sw for management.

NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W.
For use with other pedestals, please contact the Customer Service SAT.

For the centralized system, for the wiring of the pedestals is necessary to use a Bus cable RS-485. The cable must be an armed and twisted with a couple of wires 0.22mm² and 1200hm impedance of the cable.

Some cables suitable for centralized system : BELDEN P/N 9841, ITC/CDT 1457Y e CEAM CPR 6003.

For other informations is possible contact the Customer Service SAT.

GW68994



RS485/USB INSULATED CONVERTER WITH TERMINAL BLOCK

Code	Description	Pack. Carton.
GW 68 994	USB/RS485 converter	1

NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W.

For use with other pedestals, please contact the Customer Service SAT. The converter RS485/USB can manage up to 250 pedestals for line. In case of more lines is necessary to use more converters GW68994. For the use of more lines please verify that the PC has more USB doors availables. Use an Hub for have other USB.

68 Q-MC 63X RANGE

GW68995



KIT FOR CENTRALISED SYSTEM, FOR SYSTEMS WITH UP TO 75 PEDESTALS

Code	Description	Pack. Carton.
GW 68 995	Management software with USB key and converter	1

COMPOSITION:

- 1 USB key for PC
- 1 USB-RS485 converter
- 1 Sw for management.

NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W.

For use with other pedestals, please contact the Customer Service SAT.

For the centralized system, for the wiring of the pedestals is necessary to use a Bus cable RS 485. The cable must be an armed and twisted with a couple of wires 0.22mm² and 1200hm impedance of the cable. Some cables suitable for centralized system : BELDEN P/N 9841, ITC/CDT 1457Y e CEAM CPR 6003.

For other informations is possible contact the Customer Service SAT.

COMPLEMENTARY ITEMS FOR PEDESTALS IN STAINLESS STEEL AISI 316L

PANELS

GW68748W



FLANGED PANELS FOR ASSEMBLY OF SOCKET-OUTLETS

Code	Houseable IB socket-outlets	For flanged lid type	Pack. Carton.
COLOUR: WHITE			
GW 68 745 W	N.2 vertical 16/32 A IP67		1/2
GW 68 746 W	N.2 horizontal 16/32A IP44		1/2
GW 68 747 W	N.2 Combibloc 16/32 A IP44/55	N.1 flush-mount. flang.16 A	1/2
GW 68 748 W		N.4 flush-mount. flang.16/32 A	1/2
GW 68 749 W	N.1 vertical 63A IP67		1/2

ACCESSORIES SUPPLIED: screws for fixing panel.

GW68750W



BLIND PANEL

Code	Description	Pack. Carton.
COLOUR: WHITE		
GW 68 750 W	Blank panel	1/2

ACCESSORIES SUPPLIED: screws for fixing panel.

SERVICE COMPLEMENTARY ITEMS

GW68788



TERMINAL BLOCKS FOR POWER SUPPLY

Code	Terminal blocks	For cables	Terminal type	Pack. Carton.
GW 68 788	3P+N+E	Up to 16 mm ²	Modular	1
GW 68 789	3P+N+E	Up to 35 mm ²	With eyelet	1
GW 68 800	3P+N+E	Up to 70 mm ²	With eyelet	1

GW68793



WATER KIT WITH LOCKABLE TAPS

Code	Input	Output	Pack. Carton.
GW 68 793	N. 1 valve 1/2"	N. 2 taps 1/2"	1
GW 68 794	N. 1 valve 1/2"	N. 4 taps 1/2"	1

ACCESSORIES SUPPLIED: adjustment fittings and nuts for pedestals.

GW68790



LIGHTING KIT

Code	Lamp	Lamp power	Voltage	Lamp holder	Pack. Carton.
LIGHTING: ORDINARY					
GW 68 790	FSD	16 W	230 V - 50 Hz	GR8	1
LIGHTING: EMERGENCY TYPE M					
GW 68 791	FSD	16 W	230 V - 50 / 60 Hz	2G7	1

CHARACTERISTICS: GW68791 permanent emergency lighting, with double supply, 1h autonomy.

ACCESSORIES SUPPLIED: lamp and supply cable.

GW68796



FIXING PLATES FOR COMPACT TERMINALS

Code	Application	Material	Pack. Carton.
GW 68 796	On concrete	Stainless steel	1
GW 68 781	On MARTINI pier	Stainless steel	1
GW 68 782	On INGEMAR pier	Stainless steel	1

GW68778



SAFETY LOCK WITH KEY

Code	Suitable for	Pack. Carton.
GW 68 778	Enc. door and blank door (max. 2 per side)	1/5

ACCESSORIES SUPPLIED: nr.2 keys with same code.

GW68777



TEAR-OFF DOOR FOR FIRE-FIGHTING VERSIONS

Code	Spare part for	Pack. Carton.
GW 68 777	QMC 63X pedestals	1

68 Q-MC range

Energy and services distribution pedestal system

Six different types of pedestals for electricity distribution, with socket-outlets complying with the IEC 309 Standard or terminal block output, for the distribution of water, TV and telephone signals, and data.

- High resistance to atmospheric, chemical and mechanical agents and UV rays.
- Electric circuits and terminal blocks separated, watertight compartments to guarantee protection against water, damp and dust.
- Versions for centralised and prepaid with electronic management system.
- Versions that can be customised on demand, wired and certified.



68 Q-MC RANGE

ENERGY AND SERVICES DISTRIBUTION PEDESTALS SYSTEM

WIRED DISTRIBUTION PEDESTAL

EXAMPLES OF APPLICATION										MAIN SWITCH				
Harbours	Campsites	Urban areas	Gardens, parks	Block of flats	Road shows	Industrial areas	TYPE	IMAGE	BLUE VERSION	WHITE VERSION	IP DEGREE	SWITCH DISCONNECTOR		
												2P	3P	4P
			•	•			Q-MC 16 B PEDESTAL		GW 68 841 A	GW 68 841 W	55			
									GW 68 842 A	GW 68 842 W	55			
					•		Q-MC 16 B PEDESTAL		GW 68 846 A	GW 68 846 W	55			
									GW 68 847 A	GW 68 847 W	55			
•		•		•		•	Q-MC 63 B PEDESTAL		GW 68 851 A	GW 68 851 W	55			1 x 32A
									GW 68 852 A	GW 68 852 W	55			1 x 32A
•	•	•		•		•	Q-MC 63 B ELECTRONICS PEDESTAL		GW 68 891 A	GW 68 891 W	55			1 x 32A
									GW 68 892 A	GW 68 892 W	55			1 x 32A
									GW 68 893 A	GW 68 893 W	55			1 x 63A
•							Q-MC 63 E ELECTRONICS PEDESTAL		GW 68 874 A	GW 68 874 W	55			
									GW 68 875 A	GW 68 875 W	55			
	•						Q-MC 63 C PEDESTAL		GW 68 856 A	GW 68 856 W	55	1 x 32A		
									GW 68 857 A	GW 68 857 W	56	1 x 40A		
									GW 68 858 A	GW 68 858 W	55	1 x 32A		
•		•		•		•	Q-MC 125 B PEDESTAL		GW 68 801 A	GW 68 801 W	44			1 x 32A
									GW 68 802 A	GW 68 802 W	44			1 x 63A
									GW 68 803 A	GW 68 803 W	56			1 x 63A
•	•					•	Q-MC 200 B PEDESTAL		GW 68 831 A	GW 68 831 W	44			1 x 32A
									GW 68 832 A	GW 68 832 W	44			1 x 32A
									GW 68 833 A	GW 68 833 W	44			1 x 32A
•	•						Q-MC 200 E ELECTRONICS PEDESTAL		GW 68 867 A	GW 68 867 W	55			

68 Q-MC RANGE


TYPE AND NO. SOCKETS INSTALLED						NO. OF MODULAR PROTECTION AND MONITORING DEVICES					
IEC 309	IEC 309 INTERLOCKED			SPECIAL SOCKETS	ITALIAN/GERMAN STANDARD DOMESTIC SOCKETS	RCD 30MA AC		MINIATURE CIRCUIT BREAKERS C CHARACTERISTIC 6KA		RESIDUAL CURRENT CIRCUIT BREAKERS 30MA AC	
2P+ $\frac{N}{\perp}$	2P+ $\frac{N}{\perp}$	3P+ $\frac{N}{\perp}$	3P+N+ $\frac{N}{\perp}$	RJ45+ TV/SAT	2P+ $\frac{N}{\perp}$ 10/16A	2P	4P	2P	3P	2P	4P
	2 x 16A									1 x 16A	
	1 x 16A				2					1 x 16A	
6 x 16A					2		1 x 40A	4 x 16A			
	2 x 16A	1 x 16A			2		1 x 40A	3 x 16A	1 x 16A		
	4 x 16A									4 x 16A	
	2 x 16A 2 x 32A									2 x 16A 2 x 32A	
	4 x 16A									4 x 16A	
	3 x 16A		1 x 16A							3 x 16A	1 x 16A
	4 x 32A									4 x 32A	
			2 x 63A								2 x 63A
			1 x 125A			Earth leakage relay with external toroid		MT HP 4P C125 16kA			
	4 x 16A									4 x 6A	
8 x 16A										8 x 6A	
4 x 16A				4+4						4 x 6A	
	4 x 16A									4 x 16A	
	2 x 16A		2 x 16A							2 x 16A	2 x 16A
	1 x 16A		2 x 32A							1 x 16A	2 x 25A
	4 x 16A									4 x 10A	
	6 x 16A									6 x 10A	
	8 x 16A									8 x 10A	
Direct entry with terminal block						Earth leakage relay with external toroid		MT 4P 250A Type N 36kA			


68 Q-MC RANGE

68 Q-MC RANGE





ENERGY AND SERVICES DISTRIBUTION PEDESTALS SYSTEM

FIRE FIGHTING

	BLUE VERSION	WHITE VERSION	CONFIGURATION
	GW 68 721 A	GW 68 721 W	FITTED FOR 6KG FIRE EXTINGUISHER
	GW 68 723 A	GW 68 723 W	FITTED FOR 9KG FIRE EXTINGUISHER
	GW 68 722 A	GW 68 722 W	FITTED FOR LANCE, SUPPORT AND HOSE
GW 68 779			KIT CONTAINING LANCE, 15M HOSE AND SUPPORT


	BLUE VERSION	WHITE VERSION	TYPE	CONFIGURATION
	GW 68 726 A	GW 68 726 W	standard	SUITABLE FOR LANCE, SUPPORT AND HOSE
	GW 68 728 A	GW 68 728 W	high capacity	
GW 68 780				KIT CONTAINING LANCE, 20M HOSE, AND SUPPORT

EMPTY




	TYPE	BLUE VERSION	WHITE VERSION	TYPE OF TAPPING	SIDE A	SIDE B
	Q-MC 16 B	GW 68 701 A	GW 68 701 W	Single-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 water kit
		GW 68 711 A	GW 68 711 W	Double-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel
	Q-MC 16 B	GW 68 712 A	GW 68 712 W	Double-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel
	Q-MC 63 B	GW 68 713 A	GW 68 713 W	Double-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel
	Q-MC 63 C	GW 68 714 A	GW 68 714 W	Double-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel
	Q-MC 125 B	GW 68 715 A	GW 68 715 W	Single-sided	Empty compartment with blank retractable door that can be equipped with 1 panel	Empty compartment with blank retractable door that can be equipped with 1 panel
	Q-MC 200 B	GW 68 717 A	GW 68 717 W	Double-sided	Empty compartment with blank retractable door that can be equipped with 2 panels	Empty compartment with blank retractable door that can be equipped with 2 panels

68 Q-MC RANGE

COMPONENTS FOR Q-MC 16 B, 16 T, 63 B AND 63 C

TYPES OF PANELS							
FOR SBF INTERLOCKED SWITCHED SOCKET-OUTLETS ASSEMBLY				FOR DEVICE INSTALLATION			
BLUE VERSION	WHITE VERSION	TYPE	NO.	TYPE	NO.		
	GW 68 745 W	66 IB range Vertical IP55 16/32A	2				
GW 68 746 A	GW 68 746 W	66 IB range Horizontal IP44 16/32A	2				
GW 68 747 A	GW 68 747 W	66 Combibloc range IP44/55 16/32A	2	IEC309 range, flush-mounting 16/32A or 85x75mm flanged lid		1	
GW 68 748 A	GW 68 748 W			IEC309 range, flush-mounting 16/32A or 85x75mm flanged lid		4	
GW 68 749 A	GW 68 749 W	66 IB range Vertical IP55 63A	1				
GW 68 750 A	GW 68 750 W	blank					

COMPONENTS FOR Q-MC 125 B AND 200 B

TYPES OF PANELS							
FOR SBF INTERLOCKED SWITCHED SOCKET-OUTLETS ASSEMBLY				FOR DEVICE INSTALLATION			
BLUE VERSION	WHITE VERSION	TYPE	NO.	TYPE	NO.		
	GW 68 731 W	66 IB range Vertical IP55 16/32A	3				
	GW 68 732 W	66 IB range Horizontal IP44 16/32A	4				
	GW 68 733 W	66 Combibloc range IP44/55 16/32A	3	IEC309 flush-mounting sockets 16/32A and 85x75mm cap		2	
	GW 68 734 W			IEC309 flush-mounting sockets 16/32A and 85x75mm cap		6	
	GW 68 735 W	66 IB range Vertical IP55 63A	2				
	GW 68 736 W			IEC309 flush-mounting sockets 125A		1	
GW 68 737 A	GW 68 737 W	blank					
GW 68 741 A	GW 68 741 W	14-module control unit panel EN 50022					

INSULATED COMPACT PEDESTALS

WIRED



QMC 16 B WIRED PEDESTALS WITH SINGLE-FACE TAKE-OFF, EQUIPPED WITH VERTICAL INTERLOCKED SOCKET-OUTLETS AND DOMESTIC SOCKET-OUTLETS - IP56

Code	Socket-outlet 2P+E 16A	Domestic Schuko 10/16A	Pack. Carton.
COLOUR: LIGHT BLUE			
GW 68 841 A	2		1
GW 68 842 A	1	2	1
COLOUR: WHITE			
GW 68 841 W	2		1
GW 68 842 W	1	2	1

PROTECTIONS:

GW68841: In = 14A; 1 RCCBO 2P 16A 0,03A type AC 6kA

GW68842: In = 14A; 1 RCCBO 2P 16A 0,03A type AC 6kA

ACCESSORIES SUPPLIED: nr.1 fluorescent lighting lamp 16W 230V; nr.2 lockable spherical water taps 1/2".

CHARACTERISTICS: stainless steel cable fastener devices ; enclosure with hinged opening that can be fitted with security lock, for access to modular devices.

Power supply terminal block: 16 mm². Pedestals dimensions: 445x625x300mm (lxhxd)



QMC 16 T TRANSPORTABLE WIRED PEDESTALS WITH DOUBLE-FACE TAKE-OFF, EQUIPPED WITH VERTICAL INTERLOCKED SWITCHED SOCKET-OUTLETS, IEC 309 SOCKET-OUTLETS, AND DOMESTIC SOCKET-OUTLETS - IP55/56

Code	Socket-outlet 2P+E 16A	Socket-out 3P+E 16A	Domestic Schuko 10/16A	Pack. Carton.
COLOUR: LIGHT BLUE				
GW 68 846 A	6 Flush-mounting (4 side A - 2 side B)		2 (only side B)	1
GW 68 847 A	2 Interlocked (only side A)	1 Interlocked (only side B)	2 (only side B)	1
COLOUR: WHITE				
GW 68 846 W	6 Flush-mounting (4 side A - 2 side B)		2 (only side B)	1
GW 68 847 W	2 Interlocked (only side A)	1 Interlocked (only side B)	2 (only side B)	1

PROTECTIONS:

GW68846: In = 28A; 1 RCCB 4P 40A 0,03A type AC;

3 MCB 2P C 16A for 6 not interlocked sockets 2P+T 16A 230V

1 MCCB 2P C 16A for 2 domestic sockets 2P+T 10/16A 230V

GW68847: In = 28A; 1 RCCB 4P 40A 0,03A type AC;

2 MCCB 2P 16A for 2 interlocked sockets 2P+T 16A 230V

1 MCCB 3P C 16A for interlocked socket 3P+T 16A 400V;

1 MCCB 2P C 16A for 2 domestic sockets 2P+T 10/16A 230V

ACCESSORIES SUPPLIED: plug IEC309 for supply GW68846 and GW68847 3P+N+T 32A 400V; 5 mt. of H 07 RN - F cable for supply;

nr.1 fluorescent lighting lamp 16W 230V.

CHARACTERISTICS: enclosure with hinged opening that can be fitted with security lock, for access to modular devices.

Pedestal dimensions: 445x697x346mm (lxhxd).



QMC 63 B WIRED PEDESTALS WITH DOUBLE-FACE TAKE-OFF, EQUIPPED WITH VERTICAL INTERLOCKED SOCKET-OUTLETS - IP56



Code	Socket-outlet 2P+E 16A	Socket-out 2P+E 32A	Pack. Carton.
COLOUR: LIGHT BLUE			
GW 68 851 A	4 (2 for side)		1
GW 68 852 A	2 (1 for side)	2 (1 for side)	1
COLOUR: WHITE			
GW 68 851 W	4 (2 for side)		1
GW 68 852 W	2 (1 for side)	2 (1 for side)	1

PROTECTIONS:

GW68851: In = 25A; Main switch 4P 32A;
4 RCCBO 2P 16A 0,03A type AC 6kA for 4 sockets 2P+T 16A 230V

GW68852: In = 25A; Main switch 4P 32A;
2 RCCBO MDC 2P 16A 0,03A type AC 6kA for 2 sockets 2P+T 16A 230V;
2 RCCBO 2P 32A 0,03A type AC 6kA for 2 sockets 2P+T 32A 230V

ACCESSORIES SUPPLIED: nr.1 fluorescent lighting lamp 16W 230V; GW68851 e GW68852: nr.4 padlockable spherical water taps 1/2";

CHARACTERISTICS: stainless steel cable fastener devices; enclosure with hinged opening that can be fitted with security lock, for access to modular devices. Power supply terminal block section: GW68851 and GW68852 16 mm². Pedestal dimensions: 445x950x300mm (lxhxd).



WIRED PEDESTALS WITH DOUBLE-SIDED TAKE-OFF QMC 63 C EQUIPPED WITH INTERLOCKED COMBIBLOC SOCKET-OUTLETS - IP55



Code	Socket-outlet 2P+E 16A	Pack. Carton.
COLOUR: LIGHT BLUE		
GW 68 856 A	4 (2 for side)	1
COLOUR: WHITE		
GW 68 856 W	4 (2 for side)	1

PROTECTIONS: In = 20A; Main switch 2P 32A; 4 RCCBO 2P 6A 0,03A type AC 6kA for 4 sockets 2P+T 16A 230V

CHARACTERISTICS: stainless steel cable fastener devices ; enclosure with hinged opening that can be fitted with security lock, for access to modular devices. Power supply terminal block section : 16 mm². Pre-arrangement for fluorescent lighting lamp 16W 230V; pre-arrangement for nr. 2 or 4 lockable spherical water taps. Pedestal dimensions: 445x1284x300mm (lxhxd).



WIRED, DOUBLE-SIDED TAKE-OFF PEDESTALS QMC 63 C EQUIPPED WITH IEC 309 SOCKET-OUTLETS - IP55/56



Code	Socket-outlet 2P+E 16A	Socket-out TV/SAT	Socket-out TEL/DATA	Pack. Carton.
COLOUR: LIGHT BLUE				
GW 68 857 A	8 (4 for side)			1
GW 68 858 A	4 (2 for side)	4 (2 for side)	4 (2 for side)	1
COLOUR: WHITE				
GW 68 857 W	8 (4 for side)			1
GW 68 858 W	4 (2 for side)	4 (2 for side)	4 (2 for side)	1

PROTECTIONS:

GW68857: In = 32A; Main switch 2P 40A;
8 RCCBO 2P 6A 0,03A type AC 6kA for 8 not interlocked sockets 2P+T 16A 230V

GW68858: In = 24A; Main switch 2P 32A; 4 RCCBO 2P 6A 0,03A type AC 6kA for 4 not interlocked sockets 2P+T 16A 230V

CHARACTERISTICS: stainless steel cable fastener devices; enclosure with hinged opening that can be fitted with security lock, for access to modular devices. Power supply terminal block section: 16 mm². Pre-arrangement for fluorescent lighting lamp 16W 230V; pre-arrangement for nr. 2 or 4 lockable spherical water taps. Pedestal dimensions: 445x1284x300mm (lxhxd).
tabili. GW68857 grado di protezione IP56.
Dimensioni involucro: 445x1284x300mm (bxhxp).

68 Q-MC RANGE

WIRED WITH ELECTRONIC SYSTEM



QMC 63 B WIRED PEDESTALS WITH DOUBLE-FACE TAKE-OFF FOR PREPAID, CENTRALISED ELECTRONIC MANAGEMENT SYSTEM, WITH VERTICAL INTERLOCKED SOCKET-OUTLETS - IP56

Code	Socket-outlet 2P+E 16A	Socket-out 2P+E 32A	Socket-outlet 3P+N+E 16A	Pack. Carton.
COLOUR: LIGHT BLUE				
GW 68 891 A	4 (2 for side)			1
GW 68 892 A	3		1	1
GW 68 893 A		4		1
COLOUR: WHITE				
GW 68 891 W	4 (2 for side)			1
GW 68 892 W	3		1	1
GW 68 893 W		4		1

PROTECTIONS:

GW68891: In = 25A; Main switch 4P 32A;
4 RCCBO 2P 16A 0,03A type AC 6kA for 4 sockets 2P+T 16A 230V
GW68892: In = 25A; Main switch 4P 32A;
3 RCCBO 2P 16A 0,03A type AC 6kA for 3 sockets 2P+T 16A 230V;
1 RCCBO 4P 16A 0,03A type AC 6kA for the socket 3P+N+T 16A 400V
GW68893: In = 50A; Main switch 4P 63A;
4 RCCBO MDC 2P 32A 0,03A type AC 6kA for 4 sockets 2P+T 32A 230V

ACCESSORIES SUPPLIED: 1 fluorescent lighting lamp 16W 230V; nr.4 lockable spherical water taps 1/2".

CHARACTERISTICS: stainless steel cable fastener devices; enclosure with hinged opening that can be fitted with security lock, for access to modular devices. Power supply terminal block section: 16 mm². Pedestal dimensions: 445x1284x300mm (lxhxd).

NOTE: For to start with the centralized system please contact the Customer Service SAT (035/946111) or to specialized installer.



QMC 63 E WIRED PEDESTALS WITH DOUBLE-FACE TAKE-OFF FOR PREPAID, CENTRALISED ELECTRONIC MANAGEMENT SYSTEM, WITH VERTICAL INTERLOCKED SOCKET-OUTLETS - IP56

Code	Socket-out 3P+N+E 63A	Socket-out 3P+N+E 125A	Pack. Carton.
COLOUR: LIGHT BLUE			
GW 68 874 A	2 (1 for side)		1
GW 68 875 A		1	1
COLOUR: WHITE			
GW 68 874 W	2 (1 for side)		1
GW 68 875 W		1	1

PROTECTIONS:

GW68874: In = 90A
2 RCCBO 4P 63A 0,03A type AC 10kA for 2 sockets 3P+N+T 63A 400V.
GW68875: In = 90A

1 MCCB 4P 125A 16kA with residual current earth relay and separated toroid for socket 4P 125A.

DOTAZIONI: nr. 1 fluorescent lighting lamp 16W 230V;

GW68874: nr. 4 padlockable water taps 1/2"; GW68875: nr. 2 padlockable water taps 1/2"

CHARACTERISTICS: stainless steel cable fastener devices; enclosure with hinged opening that can be fitted with security lock, for access to modular devices. GW68874 IP55; GW68875 IP56. Power supply terminal block section: GW68874 35mm², GW68875 35mm²; Pedestal dimensions : 445x1284x300 (lxhxd).

NOTE: for to start with the centralized system please contact the Customer Service SAT (035/946111) or to specialized installer.

EMPTY



EMPTY PEDESTALS Q-MC 16 B - IP56

Code	Type	Possible configuration	Possible configuration	Pack. Carton.
COLOUR: LIGHT BLUE				
GW 68 701 A	Single-sided	Side A: 1 panel	Side B: 1 water kit	1
GW 68 711 A	Double-sided	Side A: 1 panel	Side B: 1 panel	1
COLOUR: WHITE				
GW 68 701 W	Single-sided	Side A: 1 panel	Side B: 1 water kit	1
GW 68 711 W	Double-sided	Side A: 1 panel	Side B: 1 panel	1

ACCESSORIES SUPPLIED: junction box for housing power supply terminal block.

CHARACTERISTICS: 18-module enclosure with hinged opening, that can be fitted with security lock, for access to modular devices; prearrangement for lighting kit 16W 230V, available as an accessory.

GW68701: single-face take-off with cable fastener devices only on side A;

GW68711: double-face take-off with cable fastener devices on sides A and B.

Terminals dimensions: 445X625X300mm (LxHxD).



EMPTY TRANSPORTABLE PEDESTAL Q-MC 16 T - IP56

Code	Type	Possible configuration	Possible configuration	Pack. Carton.
COLOUR: LIGHT BLUE				
GW 68 712 A	Double-sided	Side A: 1 panel	Side B: 1 panel	1
COLOUR: WHITE				
GW 68 712 W	Double-sided	Side A: 1 panel	Side B: 1 panel	1

CHARACTERISTICS: 18-module enclosure with hinged opening, that can be fitted with security lock, for access to modular devices; prearrangement for lighting kit 16W 230V, available as an accessory.

Terminals dimensions: 445X697X346mm (LxHxD).



EMPTY PEDESTAL Q-MC 63 B - IP56

Code	Type	Possible configuration	Possible configuration	Pack. Carton.
COLOUR: LIGHT BLUE				
GW 68 713 A	Double-sided	Side A: 1 panel	Side B: 1 panel	1
COLOUR: WHITE				
GW 68 713 W	Double-sided	Side A: 1 panel	Side B: 1 panel	1

ACCESSORIES SUPPLIED: junction box for housing power supply terminal block.

CHARACTERISTICS: 18-module enclosure with hinged opening, that can be fitted with security lock, for access to modular devices; prearrangement for lighting kit 16W 230V and water kit with 2 or 4 padlockable spherical taps of 1/2", available as accessories;

double-face take-off with cable fastener devices on sides A and B.

Terminals dimensions: 445X950X300mm (LxHxD).



EMPTY PEDESTAL Q-MC 63 C - IP56

Code	Type	Possible configuration	Possible configuration	Pack. Carton.
COLOUR: LIGHT BLUE				
GW 68 714 A	Double-sided	Side A: 1 panel	Side B: 1 panel	1
COLOUR: WHITE				
GW 68 714 W	Double-sided	Side A: 1 panel	Side B: 1 panel	1

ACCESSORIES SUPPLIED: junction box for housing power supply terminal block.

CHARACTERISTICS: 18-module enclosure with hinged opening, that can be fitted with security lock, for access to modular devices; prearrangement for lighting kit 16W 230V and water kit with 2 or 4 padlockable spherical taps of 1/2", available as accessories;

double-face take-off with cable fastener devices on sides A and B.

Terminals dimensions: 445x1284x300mm (LxHxD).

FIREFIGHTING

GW68723A



FIRE FIGHTING PEDESTAL WITH HOUSING FOR EXTINGUISHER				
Code	Type	Height (mm)	Housable fire extinguisher	Pack. Carton.
COLOUR: LIGHT BLUE				
GW 68 721 A	Compact 2 modules	950	6 kg	1
GW 68 723 A	Compact 3 modules	1284	9 kg	1
COLOUR: WHITE				
GW 68 721 W	Compact 2 modules	950	6 kg	1
GW 68 723 W	Compact 3 modules	1284	9 kg	1

CHARACTERISTICS: accessible from both sides, by tearing off the special door.

Fitted for 1 ordinary lighting kit or 1 emergency lighting kit, available as accessories.

Terminals dimensions:GW68721 445X950X300mm (LxHxD). Shell dimensions:GW68723 445x1284x300mm (LxHxD).



COMPLETE FIRE FIGHTING PEDESTAL WITH HOSE AND LANCE			
Code	Type	Height (mm)	Pack. Carton.
COLOUR: LIGHT BLUE			
GW 68 722 A	Compact 2 modules	950	1
COLOUR: WHITE			
GW 68 722 W	Compact 2 modules	950	1

CHARACTERISTICS : accessible from both sides, by tearing off the the special door.

Fitted for 1 ordinary lighting lamp or 1 emergency available as accessories.BR->Pedestal dimensions : 445X950X300mm (lxhxd).

NOTE: for sales in the European Union Countries, Croatia, Turkey, Republic of Macedonia, Albania, Bosnia and Herzegovina, Serbia, Republic of Montenegro and all EFTA countries (Swiss, Norway, Iceland, Liechtenstein) please contact SAT (Technical Assistance Service).

GW68779



KIT CONTAINING LANCE, HOSE AND SUPPORT		
Code	Description	Pack. Carton.
GW 68 779	15m hose, and accessories 1 1/2" lance	1

COMPLEMENTARY ITEMS FOR PREPAID AND CENTRALISED ELECTRONIC SYSTEM

GW68991		TRANSPONDER KEY PROGRAMMING KIT (PREPAID / CENTRALISED SYSTEM)		
		Code	Description	Pack. Carton.
		GW 68 991	Programming console and s/w for PC with USB key	1
		NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W. For use with other pedestals, please contact the Customer Service SAT.		
GW68992		TRANSPONDER KEY (PREPAID / CENTRALISED SYSTEM)		
		Code	Description	N. Keys Pack. Carton.
		GW 68 992	Transponder key to encode	1 1/10
		NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W. For use with other pedestals, please contact the Customer Service SAT.		
GW68993		KIT FOR CENTRALISED SYSTEM, FOR SYSTEMS WITH OVER 75 PEDESTALS		
		Code	Description	Pack. Carton.
		GW 68 993	Management software with USB key and converter	1
		COMPOSITION: 1 USB key for pc 1 USB-RS485 converter 1 Sw for management. NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W. For use with other pedestals, please contact the Customer Service SAT. For the centralized system, for the wiring of the pedestals is necessary to use a Bus cable RS 485. The cable must be an armed and twisted with a couple of wires 0.22mm2 and 120Ohm impedance of the cable. Some cables suitable for centralized system : BELDEN P/N 9841, ITC/CDT 1457Y e CEAM CPR 6003. For other informations is possible contact the Customer Service SAT.		
GW68994		RS485/USB INSULATED CONVERTER WITH TERMINAL BLOCK		
		Code	Description	Pack. Carton.
		GW 68 994	USB/RS485 converter	1
		NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W. For use with other pedestals, please contact the Customer Service SAT. The converter RS485/USB can manage up to 250 pedestals for line. In case of more lines is necessary to use more converters GW68994. For the use of more lines please verify that the PC has more USB doors availables. Use an Hub for have other USB.		
GW68995		KIT FOR CENTRALISED SYSTEM, FOR SYSTEMS WITH UP TO 75 PEDESTALS		
		Code	Description	Pack. Carton.
		GW 68 995	Management software with USB key and converter	1
		COMPOSITION: 1 USB key for PC 1 USB-RS485 converter 1 Sw for management. NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W. For use with other pedestals, please contact the Customer Service SAT. For the centralized system, for the wiring of the pedestals is necessary to use a Bus cable RS 485. The cable must be an armed and twisted with a couple of wires 0.22mm2 and 120Ohm impedance of the cable. Some cables suitable for centralized system : BELDEN P/N 9841, ITC/CDT 1457Y e CEAM CPR 6003. For other informations is possible contact the Customer Service SAT.		

COMPLEMENTARY ITEMS FOR COMPACT PEDESTALS

PANELS

GW68748A



FLANGED PANELS PREARRANGED FOR ASSEMBLY OF SOCKET-OUTLETS

Code	Houseable IB socket-outlets	For flanged lid type	Pack. Carton.
COLOUR: LIGHT BLUE			
GW 68 745 A	N.2 vertical 16/32 A IP67		1/2
GW 68 746 A	N.2 horizontal 16/32 A IP44		1/2
GW 68 747 A	N.2 Combibloc 16/32 A IP44/55	N.1 flush-mount. flang.16 A	1/2
GW 68 748 A		N.4 flush-mount. flang.16/32 A	1/2
GW 68 749 A	N.1 vertical 63 A IP67		1/2
COLOUR: WHITE			
GW 68 745 W	N.2 vertical 16/32 A IP67		1/2
GW 68 746 W	N.2 horizontal 16/32 A IP44		1/2
GW 68 747 W	N.2 Combibloc 16/32 A IP44/55	N.1 flush-mount. flang.16 A	1/2
GW 68 748 W		N.4 flush-mount. flang.16/32 A	1/2
GW 68 749 W	N.1 vertical 63 A IP67		1/2

ACCESSORIES SUPPLIED: fixing screws panel.

CHARACTERISTICS: Pedestals dimensions LxHxD: 211x276x17 mm.

GW68750A



BLANK PANEL

Code	Description	Pack. Carton.
COLOUR: LIGHT BLUE		
GW 68 750 A	Blank panel	1/2
COLOUR: WHITE		
GW 68 750 W	Blank panel	1/2

ACCESSORIES SUPPLIED: fixing screws panel.

CHARACTERISTICS: Pedestal dimensions LxHxD: 211x276x17 mm.

SERVICE COMPLEMENTARY ITEMS

GW68788



TERMINAL BLOCKS FOR POWER SUPPLY

Code	Terminal blocks	For cables	Terminal type	Rail type	Pack. Carton.
GW 68 788	3P+N+E	Up to 16 mm ²	Modular	EN 50022	1
GW 68 789	3P+N+E	Up to 35 mm ²	With eyelet	EN 50035	1
GW 68 800	3P+N+E	Up to 70 mm ²	With eyelet	EN 50035	1

GW68793



WATER KIT WITH LOCKABLE TAPS

Code	Input	Output	Suitable for	Pack. Carton.
GW 68 792	N. 1 valve 1/2"	N. 2 taps 1/2"	QMC 16 B	1
GW 68 793	N. 1 valve 1/2"	N. 2 taps 1/2"	QMC 63 B / 63 C	1
GW 68 794	N. 1 valve 1/2"	N. 4 taps 1/2"	QMC 63 B / 63 C	1

ACCESSORIES SUPPLIED: adjustment fittings and terminal fixing nuts.

GW68790



LIGHTING KIT

Code	Lamp	Lamp power	Voltage	Lamp holder	Pack. Carton.
LIGHTING: ORDINARY					
GW 68 790	FSD	16 W	230 V - 50 Hz	GR8	1
LIGHTING: EMERGENCY TYPE M					
GW 68 791	FSD	16 W	230 V - 50 / 60 Hz	2G7	1

ACCESSORIES SUPPLIED: lamp and supply cable.

CHARACTERISTICS: GW68791 permanent emergency lighting, equipped with double supply circuit, keeps the Ni/C storage batteries charged; autonomy 1h

GW68795



SELF-ADHESIVE PROTECTION KIT

Code	Description	Pack. Carton.
GW 68 795	White support with transparent protection	1/10

GW68796



FIXING PLATE

Code	Description	Application	Material	Pack. Carton.
GW 68 796	Plate for fixing	On concrete	Stainless steel	1
GW 68 781	Plate for fixing	On MARTINI pier	Stainless steel	1
GW 68 782	Plate for fixing	On INGEMAR pier	Stainless steel	1

GW68776



SECURITY LOCK WITH KEY

Code	Suitable for	Pack. Carton.
GW 68 776	Enc. door and blank door	1/5

ACCESSORIES SUPPLIED: 2 keys with standardized code.

GW68799



FAULT INDICATOR DEVICE

Code	Description	Pack. Carton.
GW 68 799	High efficiency LED with power supply unit	1

GW68798



TEAR OFF DOOR FOR FIRE FIGHTING VERSION

Code	Spare part for	Pack. Carton.
GW 68 777	Compact terminals GW68721/22	1
GW 68 798	GW68723 compact terminal	1

STANDARD PEDESTALS

WIRED



WIRED PEDESTALS WITH SINGLE-SIDED TAKE-OFF QMC 125 B EQUIPPED WITH HORIZONTAL INTERLOCKED SOCKET-OUTLETS - IP44

Code	Socket-outlet 2P+E 16A		Socket-outlet 3P+N+E 16A		Pack. Carton.
	COLOUR: LIGHT BLUE				
GW 68 801 A	4				1
GW 68 802 A	2		2		1
COLOUR: WHITE					
GW 68 801 W	4				1
GW 68 802 W	2		2		1

PROTECTIONS:

GW68801: In = 25A; Main switch 4P 32A;
4 RCCBO 2P 16A 0,03A type AC 6kA for 4 sockets 2P+T 16A 230V

GW68802: In = 38A; Main switch 4P 63A;
2 RCCBO 2P 16A 0,03A type AC 6kA for 2 sockets 2P+T 16A 230V;
2 RCCBO 4P 16A 0,03A type AC 6kA for 2 sockets 3P+N+T 16A 400V

ACCESSORIES SUPPLIED: nr.2 fluorescent lighting lamp 11W 230V; nr. 4 padlockable spherical water taps 1/2"; nr. 2 supports for flexible conduit GW68762.

CHARACTERISTICS: side A: user socket-outlets, cable guide with cable fastener devices, blank retractable door; side B: enclosure complete with modular protection equipped with security lock. Power supply terminal block section: GW68801 16 mm², GW68802 35 mm².



QMC 125 B WIRED PEDESTAL WITH SINGLE-FACE TAKE-OFF, EQUIPPED WITH VERTICAL INTERLOCKED SOCKET-OUTLETS - IP56

Code	Socket-outlet 2P+E 16A		Socket-out 3P+N+E 32A		Pack. Carton.
	COLOUR: LIGHT BLUE				
GW 68 803 A	1		2		1
COLOUR: WHITE					
GW 68 803 W	1		2		1

In = 50A

PROTECTIONS: Main switch 4P 63A;

1 RCCBO 2P 16A 0,03A type AC 6kA for socket 2P+T 16A 230V;
2 RCCBO 4P 25A 0,03A type AC 6kA for 2 sockets 3P+N+T 32A 400V

ACCESSORIES SUPPLIED: nr. 2 fluorescent lighting lamp 11W 230V; nr. 4 padlockable spherical water taps 1/2"; nr. 2 support flexible GW 68762.

CHARACTERISTICS: side A: user socket-outlets, cable guide with cable fastener devices; side B: enclosure complete with modular protection equipped with security lock. Power supply terminal block section: 35 mm².

EMPTY



EMPTY PEDESTALS WITH SINGLE-SIDED TAKE-OFF QMC 125 B - IP56

Code	Sides with blank door	Side A standard	Possible configuration	Side B standard	Possible configuration	Pack. Carton.
COLOUR: LIGHT BLUE						
GW 68 715 A	A-B	Empty	1 panel	Empty	1 enclosure	1
COLOUR: WHITE						
GW 68 715 W	A-B	Empty	1 panel	Empty	1 enclosure	1

ACCESSORIES SUPPLIED: 2 supports for flexible conduit GW 68762; junction box for housing power supply terminal block.

CHARACTERISTICS: blank retractable doors; 14-module enclosure with transparent door; 14-module enclosure with transparent door (not supplied). pre-arrangement for lighting kit 11W 230V (2 ordinary and 1 emergency) and water kit with 2 or 4 lockable spherical taps of 1/2", available as accessories.

Single-sided take-off with cable guide and cable fastener devices only on side A.

FIREFIGHTING



FIRE-FIGHTING PEDESTAL PREARRANGED FOR HOUSING LANCE AND HOSE

Code	Type	Pack. Carton.
COLOUR: LIGHT BLUE		
GW 68 726 A	Standard	1
COLOUR: WHITE		
GW 68 726 W	Standard	1

CHARACTERISTICS: accessible from both sides, by tearing off the special door. Pre-arranged for 2 ordinary lighting lamp or 1 emergency lighting lamp available as accessories.

GW/68780



KIT CONTAINING LANCE, HOSE AND SUPPORT

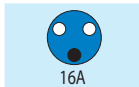
Code	Description	Pack. Carton.
GW 68 780	20m hose, 1 1/2" lance	1

HIGH-CAPACITY PEDESTALS

WIRED



WIRED PEDESTALS WITH DOUBLE-SIDED TAKE-OFF QMC 200 B EQUIPPED WITH HORIZONTAL INTERLOCKED SOCKET-OUTLETS - IP44



Code	Socket-outlet 2P+E 16A	Pack. Carton.
COLOUR: LIGHT BLUE		
GW 68 831 A	4 (2 for side)	1
GW 68 832 A	6 (3 for side)	1
GW 68 833 A	8 (4 for side)	1
COLOUR: WHITE		
GW 68 831 W	4 (2 for side)	1
GW 68 832 W	6 (3 for side)	1
GW 68 833 W	8 (4 for side)	1

In: 16A

PROTECTIONS:

GW68831:

Main isolator 4P 32A; four MDC 2P 10A 0.03A one-way switches, class AC 6kA, for the four 2P+E 16A 230V socket-outlets

GW68832:

Main isolator 4P 32A; six MDC 2P 10A 0.03A one-way switches, class AC 6kA, for the six 2P+E 16A 230V socket-outlets

GW68833:

Main isolator 4P 32A; eight MDC 2P 10A 0.03A one-way switches, class AC 6kA, for the eight 2P+E 16A 230V socket-outlets

ACCESSORIES SUPPLIED: 2 plexiglass kits for lateral protection.

CHARACTERISTICS: sides A and B: user socket-outlets, enclosure complete with modular protections equipped with security lock, cable guide with cable fastener devices, blank retractable door; prearrangement for lighting kit 11W 230V (2 ordinary and 1 emergency) and water kit with 2 or 4 padlockable spherical taps of 1/2", available as accessories.

Power supply terminal block section: GW68831 16mm²; GW68832, and GW68833 35mm².

WIRED WITH ELECTRONIC SYSTEM

GW68867A



QMC 200 E WIRED PEDESTAL WITH SINGLE-FACE TAKE-OFF FOR PREPAID, CENTRALISED ELECTRONIC MANAGEMENT SYSTEM, WITH DIRECT 250A COUPLING IN TERMINAL BLOCK - IP55



Code	Type of connection	Pack. Carton.
COLOUR: LIGHT BLUE		
GW 68 867 A	250A direct coupling on terminal block	1
COLOUR: WHITE		
GW 68 867 W	250A direct coupling on terminal block	1

In: 150A

PROTECTIONS:

one MT 4P 250 N-type circuit breaker, 36kA with differential earth relay and separated toroid

ACCESSORIES SUPPLIED: 2 lockable spherical taps of 1/2";

two 11W 230V fluorescent lighting lamps; 2 supports for flexible conduit GW68762.

CHARACTERISTICS: stainless steel cable fastener devices; stainless steel board,

can be equipped with a security lock for access to modular devices.

Connection to the power supply and power take-off via two terminal blocks 185mm² 4p.

EMPTY



EMPTY PEDESTALS WITH DOUBLE-FACE TAKE-OFF QMC 200 B - IP56

Code	Sides with blank door	Side A standard	Possible configuration	Side B standard	Possible configuration	Pack. Carton.
COLOUR: LIGHT BLUE						
GW 68 717 A	A-B	Empty	2 enclosures or 2 panels	Empty	2 panels or 1 enclosures	1
COLOUR: WHITE						
GW 68 717 W	A-B	Empty	2 enclosures or 2 panels	Empty	2 panels or 1 enclosures	1

ACCESSORIES SUPPLIED: 2 plexiglass kits for lateral protection, junction box for housing power supply terminal block.

CHARACTERISTICS: 2 blank retractable doors; 14+14 module enclosure with transparent door (not supplied);

pre-arrangement for lighting kit 11W 230V (2 ordinary and 1 emergency)

and water kit with 2 or 4 lockable spherical taps of 1/2", available as accessories.

Double-face take-off with cable guide and cable fastener devices on sides A and B.

FIREFIGHTING



FIRE FIGHTING PEDESTAL FOR HOUSING LANCE AND HOSE

Code	Type	Pack. Carton.
COLOUR: LIGHT BLUE		
GW 68 728 A	High capacity	1
COLOUR: WHITE		
GW 68 728 W	High capacity	1

CHARACTERISTICS: accessible from both sides, by tearing off the special door. Pre-arranged for 2 ordinary lighting lamp or 1 emergency lighting lamp available as accessories.

GW68780



KIT CONTAINING LANCE, HOSE AND SUPPORT

Code	Description	Pack. Carton.
GW 68 780	20m hose, 1 1/2" lance	1

68 Q-MC RANGE

COMPLEMENTARY ITEMS FOR PREPAID AND CENTRALISED ELECTRONIC SYSTEM

GW68991



TRANSPONDER KEY PROGRAMMING KIT (PREPAID / CENTRALISED SYSTEM)

Code	Description	Pack. Carton.
GW 68 991	Programming console and s/w for PC with USB key	1

NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W.
For use with other pedestals, please contact the Customer Service SAT.

GW68992



TRANSPONDER KEY (PREPAID / CENTRALISED SYSTEM)

Code	Description	N. Keys	Pack. Carton.
GW 68 992	Transponder key to encode	1	1/10

NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W.
For use with other pedestals, please contact the Customer Service SAT.

GW68993



KIT FOR CENTRALISED SYSTEM, FOR SYSTEMS WITH OVER 75 PEDESTALS

Code	Description	Pack. Carton.
GW 68 993	Management software with USB key and converter	1

COMPOSITION:

- 1 USB key for pc
- 1 USB-RS485 converter
- 1 Sw for management.

NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W.
For use with other pedestals, please contact the Customer Service SAT.

For the centralized system, for the wiring of the pedestals is necessary to use a Bus cable RS-485. The cable must be an armed and twisted with a couple of wires 0.22mm² and 1200ohm impedance of the cable.

Some cables suitable for centralized system : BELDEN P/N 9841, ITC/CDT 1457Y e CEAM CPR 6003.

For other informations is possible contact the Customer Service SAT.

GW68994



RS485/USB INSULATED CONVERTER WITH TERMINAL BLOCK

Code	Description	Pack. Carton.
GW 68 994	USB/RS485 converter	1

NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W.

For use with other pedestals, please contact the Customer Service SAT. The converter RS485/USB can manage up to 250 pedestals for line. In case of more lines is necessary to use more converters GW68994. For the use of more lines please verify that the PC has more USB doors availables. Use an Hub for have other USB.

GW68995



KIT FOR CENTRALISED SYSTEM, FOR SYSTEMS WITH UP TO 75 PEDESTALS

Code	Description	Pack. Carton.
GW 68 995	Management software with USB key and converter	1

COMPOSITION:

- 1 USB key for PC
- 1 USB-RS485 converter
- 1 Sw for management.

NOTE: to be used with GW68908/GW68909/GW68891A-W/GW68892A-W/GW68893A-W/GW68874A-W/GW68875A-W/GW68867A/W.

For use with other pedestals, please contact the Customer Service SAT.

For the centralized system, for the wiring of the pedestals is necessary to use a Bus cable RS 485. The cable must be an armed and twisted with a couple of wires 0.22mm² and 1200ohm impedance of the cable. Some cables suitable for centralized system : BELDEN P/N 9841, ITC/CDT 1457Y e CEAM CPR 6003.

For other informations is possible contact the Customer Service SAT.

COMPLEMENTARY ITEMS FOR STANDARD AND HIGH CAPACITY PEDESTALS

PANELS

GW68731W



FLANGED PANELS PREARRANGED FOR ASSEMBLY OF SOCKET-OUTLETS - GREY RAL 7035

Code	Houseable IB socket-outlets	For flanged lid type	Pack. Carton.
GW 68 731 W	N.3 vertical 16/32 A IP67		1/2
GW 68 732 W	N.4 horizontal 16/32 A IP44		1/2
GW 68 733 W	N.3 Combibloc 16/32 A IP44/55	N.2 flush-mount. flang.16 A	1/2
GW 68 734 W		N.6 flush-mount. flang.16/32 A	1/2
GW 68 735 W	N.2 vertical 63 A IP67		1/2
GW 68 736 W		N.1 flush-mount. sock.out.125A	1/2

ACCESSORIES SUPPLIED: fixing screws.

CHARACTERISTICS: dimensions LxHxD: 328x285x21 mm, GW68736: 328x285x110 mm.

GW68737W



BLANK PANEL

Code	Description	Pack. Carton.
COLOUR: LIGHT BLUE		
GW 68 737 A	Blank panel	1/2
COLOUR: WHITE		
GW 68 737 W	Blank panel	1/2

ACCESSORIES SUPPLIED: fixing screws.

CHARACTERISTICS: dimensions LxHxD: 328x285x43 mm.

GW68741W



ENCLOSURE PANELS WITH TRANSPARENT DOOR

Code	Colour	Pack. Carton.
GW 68 741 A	Light blue	1/2
GW 68 741 W	White	1/2

ACCESSORIES SUPPLIED: 14-module rail EN 50022, panel fixing screws.

CHARACTERISTICS: dimensions LxHxD 328x285x43mm; transparent door that can be equipped with security lock GW68758.

FLUSH-MOUNTING SOCKET-OUTLETS WITH WITH CONTACT FOR ELECTRICAL INTERLOCK 125A - IP67

GW68785



FIXED 125A WATERTIGHT FLUSH-MOUNTING SOCKET-OUTLETS FOR ELECTRIC INTERLOCK

Code	No. of poles	Rated voltage (V)	Reference h	Pack. Carton.
GW 68 785	3P+E	400	6	1
GW 68 786	3P+N+E	400	6	1

CHARACTERISTICS: The socket-outlets are equipped with a normally open contact, mechanically controlled by the plug's pilot, useful for the electric interlocking.

SERVICE COMPLEMENTARY ITEMS

GW68765



TERMINAL BLOCKS FOR POWER SUPPLY

Code	Terminal blocks	For cables	Terminal type	Rail type	Pack. Carton.
GW 68 765	3P+N+E	Up to 16 mm ²	Modular	EN 50022	1
GW 68 766	3P+N+E	Up to 35 mm ²	With eyelet	EN 50035	1
GW 68 767	3P+N+E	Up to 70 mm ²	With eyelet	EN 50035	1
GW 68 768	3P+N+E	Up to 120 mm ²	With eyelet	EN 50035	1
GW 68 769	3P+N+E	Up to 185 mm ²	With eyelet	EN 50035	1

CHARACTERISTICS: They permit making supply systems with terminals in series, with the enter-exit type of connection, for power cables up to 185 mm².

All codes include a 6 mm² 2P+E terminal block for the lighting circuit supply.

GW68753



WATER KIT WITH LOCKABLE TAPS

Code	Input	Output	Characteristics	Pack. Carton.
GW 68 753	N. 1 valve 1/2"	N. 4 taps 1/2"		1
GW 68 763	N. 1 valve 1/2"	N. 2 taps 1/2"		1
GW 68 764	N. 1 valve 1/2"	N. 2 taps 1/2"	With meter	1

ACCESSORIES SUPPLIED: coupling devices for adjustment and nuts for fixing to the terminal.

CHARACTERISTICS: GW68764 with 2 meters of diameter 70mm, capacity 1.5m³/h.

GW68751



LIGHTING KIT FOR STANDARD AND HIGH CAPACITY PEDESTAL

Code	Lamp	Lamp power	Voltage	Lamp holder	Dimensions LxH (mm)	Pack. Carton.
LIGHTING: ORDINARY						
GW 68 751	FSD	11 W	230 V - 50 Hz	G23	371 x 74	1/4
LIGHTING: EMERGENCY						
GW 68 752	FSD	11 W	230 V - 50 / 60 Hz	2G7	371 x 74	1

ACCESSORIES SUPPLIED: protection grille, fixing screws, lamp and supply cable.

CHARACTERISTICS: GW68752 permanent emergency lighting kit, equipped with double supply circuit for switching the lamp on and off keeps the Ni/Cd storage batteries charged; duration 1 h.

GW68761



FIXING PLATE FOR STANDARD AND HIGH CAPACITY PEDESTAL

Code	Description	Application	Material	Pack. Carton.
GW 68 761	Plate for fixing	On concrete	Stainless steel	1

ACCESSORIES SUPPLIED: check nuts and non-skid washer.

CHARACTERISTICS: fastening to the terminal is achieved using the threaded pins M8 soldered to the plate.

GW68758



SAFETY LOCK WITH HANDLE

Code	Description	N. Keys	Pack. Carton.
GW 68 758	Security lock with key	2	1/5

CHARACTERISTICS: all keys have a standardized code; can be mounted on the blank doors of the terminals and on the door of the enclosure panels.

GW68762A



SUPPORT FOR FLEXIBLE TUBE / EXTENSION

Code	Description	Pack. Carton.
COLOUR: LIGHT BLUE		
GW 68 762 A	No.1 supports flexible tube	1/2
COLOUR: WHITE		
GW 68 762 W	No.1 supports flexible tube	1/2

ACCESSORIES SUPPLIED: fixing screws.

GW68757



TEAR OFF DOOR FOR FIRE FIGHTING VERSION

Code	Spare part for	Pack. Carton.
GW 68 756	Standard terminals	1
GW 68 757	High capacity terminals	1

70 RT range

Rotary switches

Rotary switches for control and emergency, from 16 to 160 A.

- Versatility of installation: in a watertight box, in distribution boards or in enclosures.
- Extension bracket to adjust the depth of the breaker in function of the type of distribution board.
- Combined coupling through watertight connectors.



SURFACE-MOUNTING INSULATING ROTARY SWITCHES - IP65

CONTROL VERSION

GW70401



SURFACE-MOUNTING INSULATING ROTARY SWITCHES CONTROL VERSION WITH BLACK KNOB - IP65			
Code	No. of poles	Outer dim. LxHxD (mm)	Pack. Carton.
RATED CURRENT (A): 16			
GW 70 401	2	114 x 114 x 71,5	1/16
GW 70 402	3	114 x 114 x 71,5	1/16
GW 70 403	4	114 x 114 x 71,5	1/16
RATED CURRENT (A): 32			
GW 70 404	2	114 x 114 x 71,5	1/16
GW 70 405	3	114 x 114 x 71,5	1/16
GW 70 406	4	114 x 114 x 71,5	1/16
RATED CURRENT (A): 40			
GW 70 413	2	114 x 114 x 71,5	1/16
GW 70 414	3	114 x 114 x 71,5	1/16
GW 70 415	4	114 x 114 x 71,5	1/16
RATED CURRENT (A): 63			
GW 70 407	3	170 x 170 x 96	1/6
GW 70 408	4	170 x 170 x 96	1/6
RATED CURRENT (A): 80			
GW 70 501	③ 3		1
GW 70 502	③ 4		1
RATED CURRENT (A): 100			
GW 70 503	③ 3		1
GW 70 504	③ 4		1
RATED CURRENT (A): 125			
GW 70 505	③ 3		1
GW 70 506	③ 4		1
RATED CURRENT (A): 160			
GW 70 507	③ 3		1
GW 70 508	③ 4		1

NOTE: Accessories supplied : GW44622 screwcaps.

EMERGENCY VERSIONS

GW70432



SURFACE MOUNTING INSULATING ROTARY SWITCHES, EMERGENCY VERSION WITH YELLOW/RED KNOB - IP65			
Code	No. of poles	Outer dim. LxHxD (mm)	Pack. Carton.
RATED CURRENT (A): 16			
GW 70 431	2	114 x 114 x 71,5	1/16
GW 70 432	3	114 x 114 x 71,5	1/16
GW 70 433	4	114 x 114 x 71,5	1/16
RATED CURRENT (A): 32			
GW 70 434	2	114 x 114 x 71,5	1/16
GW 70 435	3	114 x 114 x 71,5	1/16
GW 70 436	4	114 x 114 x 71,5	1/16
RATED CURRENT (A): 40			
GW 70 441	2	114 x 114 x 71,5	1/16
GW 70 442	3	114 x 114 x 71,5	1/16
GW 70 443	4	114 x 114 x 71,5	1/16
RATED CURRENT (A): 63			
GW 70 437	3	170 x 170 x 96	1/6
GW 70 438	4	170 x 170 x 96	1/6
RATED CURRENT (A): 80			
GW 70 509	③ 3		1
GW 70 510	③ 4		1
RATED CURRENT (A): 100			
GW 70 511	③ 3		1
GW 70 512	③ 4		1
RATED CURRENT (A): 125			
GW 70 513	③ 3		1
GW 70 514	③ 4		1
RATED CURRENT (A): 160			
GW 70 515	③ 3		1
GW 70 516	③ 4		1

ACCESSORIES SUPPLIED: GW44622 screwcaps.

①=May 2010

②=June 2010

③=September 2010

ROTARY CONTROL SWITCHES FOR DISTRIBUTION BOARD

VERSION FOR DOOR LOCKING

GW70001



ROTARY CONTROL SWITCHES FOR DISTRIBUTION BOARD, VERSION FOR DOOR LOCKING WITH PADLOCKABLE RED KNOB AND CONTROL TRANSMISSION SHAFT

Code	No. of poles	No. of modules EN 50022	Regulation field	Pack. Carton.
RATED CURRENT (A): 16				
GW 70 001	2	3	87 - 145 mm	1/10
GW 70 002	3	3	87 - 145 mm	1/10
GW 70 003	4	3	87 - 145 mm	1/10
RATED CURRENT (A): 32				
GW 70 004	2	4	87 - 145 mm	1/10
GW 70 005	3	4	87 - 145 mm	1/10
GW 70 006	4	4	87 - 145 mm	1/10
RATED CURRENT (A): 63				
GW 70 007	3	5	114 - 177 mm	1/5
GW 70 008	4	5	114 - 177 mm	1/5

CHARACTERISTICS: the regulation field can be obtained by cutting the shaft supplied. Correctly installed, it ensures the IP65 protection rating.

GW70009



GALVANIZED STEEL EXTENDING BRACKETS FOR REAR FIXING, COMPLETE WITH SELF-TAPPING SCREWS - SET OF 4 BRACKETS

Code	For rotary control switches	Regulation field	Pack. Carton.
GW 70 009	16A - 32A - 63A	117-305 mm (16/32A) 144-337 mm (63A)	1/10

CHARACTERISTICS: the regulation field can be obtained by cutting both the shaft supplied and the extension brackets at the references shown.

VERSION FOR FIXING ON RAIL DIN

GW70203



ROTARY CONTROL SWITCHES FOR DIN RAIL WITH BLACK HANDLE

Code	No. of poles	No. of modules EN 50022	Pack. Carton.
RATED CURRENT (A): 16			
GW 70 201	2	3	1/30
GW 70 202	3	3	1/30
GW 70 203	4	3	1/30
RATED CURRENT (A): 32			
GW 70 204	2	4	1/24
GW 70 205	3	4	1/24
GW 70 206	4	4	1/24
RATED CURRENT (A): 63			
GW 70 207	3	5	1/12
GW 70 208	4	5	1/12

APPLICATIONS: the rotary control switches can be used for the following services according to the categories of use:

AC-22 (mixed, resistive and inductive load control with modest overloading),

AC-3 (cage motor operation on starting and in arrangement with motor running),

AC-23 (control of motors or other high induction loads) (CEI EN 60947-3 and CEI 17-11).

COMPLEMENTARY ITEMS

GW70410



PADLOCKABLE RED KNOBS WITH YELLOW FLANGE FOR EMERGENCY

Code	For rotary control switches	Pack. Carton.
GW 70 409	16A - 32A	1/20
GW 70 410	63A	1/18

APPLICATIONS: suitable for maintenance of control versions in the case one wants to make emergency versions.

SURFACE-MOUNTING METAL ROTARY SWITCHES - IP65

CONTROL VERSION

GW70531



SURFACE-MOUNTING METAL ROTARY SWITCHES CONTROL VERSION WITH BLACK KNOB - IP65		
Code	No. of poles	Pack. Carton.
RATED CURRENT (A): 16		
GW 70 531	② 2	1
GW 70 532	③ 3	1
GW 70 533	③ 4	1
RATED CURRENT (A): 32		
GW 70 534	③ 2	1
GW 70 535	③ 3	1
GW 70 536	③ 4	1
RATED CURRENT (A): 40		
GW 70 537	③ 2	1
GW 70 538	③ 3	1
GW 70 539	③ 4	1
RATED CURRENT (A): 63		
GW 70 540	③ 3	1
GW 70 541	③ 4	1
RATED CURRENT (A): 80		
GW 70 542	③ 3	1
GW 70 543	③ 4	1
RATED CURRENT (A): 100		
GW 70 544	③ 3	1
GW 70 545	③ 4	1
RATED CURRENT (A): 125		
GW 70 546	③ 3	1
GW 70 547	③ 4	1
RATED CURRENT (A): 160		
GW 70 548	③ 3	1
GW 70 549	③ 4	1

CHARACTERISTICS: boxes in aluminium painted RAL 7037

EMERGENCY VERSIONS

GW70561



SURFACE MOUNTING METAL ROTARY SWITCHES EMERGENCY VERSION WITH YELLOW/RED KNOB - IP65		
Code	No. of poles	Pack. Carton.
RATED CURRENT (A): 16		
GW 70 561	② 2	1
GW 70 562	③ 3	1
GW 70 563	③ 4	1
RATED CURRENT (A): 32		
GW 70 564	③ 2	1
GW 70 565	③ 3	1
GW 70 566	③ 4	1
RATED CURRENT (A): 40		
GW 70 567	③ 2	1
GW 70 568	③ 3	1
GW 70 569	③ 4	1
RATED CURRENT (A): 63		
GW 70 570	③ 3	1
GW 70 571	③ 4	1
RATED CURRENT (A): 80		
GW 70 572	③ 3	1
GW 70 573	③ 4	1
RATED CURRENT (A): 100		
GW 70 574	③ 3	1
GW 70 575	③ 4	1
RATED CURRENT (A): 125		
GW 70 576	③ 3	1
GW 70 577	③ 4	1
RATED CURRENT (A): 160		
GW 70 578	③ 3	1
GW 70 579	③ 4	1

CHARACTERISTICS: boxes in aluminium painted RAL 7037

①=May 2010

②=June 2010

③=September 2010

ATEX Solutions

Systems for potentially explosive atmospheres

Line of products certificated in according to the Directive 94/9/CE for potentially explosive environments, made up of interlocked sockets, industrial plugs, box switch disconnectors, start-stop and emergency push-buttons, metal junction boxes, plastic and metal cable glands, watertight luminaires and discharge floodlights.



ENERGY		LIGHTING
		
Connection systems		Distribution systems
 <p>67 ATEX - Vertical socket-outlets with and without fuse holder base</p> <p>Zone 22 (D) Ex tD A22 IP66 T85°C Range: 16A - 63A</p>	 <p>74 ATEX - Control devices in box</p> <p>Zone 22 (D) Ex tD A22 IP66 T85°C X - Box with mushroom-head button - Box with start/stop push-buttons</p>	 <p>84 range - Urano ATEX Compact asymmetrical floodlights</p> <p>Zone 2 (G) - Zone 22 (D) - Asymmetrical diffuser optics Lamp range: 70W - 150W</p>
 <p>67 ATEX - Complementary items for ATEX socket-outlets without base</p> <p>Zone 22 (D) - Back-mounting box 16A - 32A - Modular bases 16A - 63A</p>	 <p>76 ATEX - Junction boxes in painted aluminium alloy</p> <p>Zone 2 (G) - Zone 22 (D) Ex nA tD A22 IP66 -20°C ≤ Ta ≤ +85°C U</p>	 <p>84 range - Titano ATEX Symmetrical and asymmetrical floodlights</p> <p>Zone 2 (G) - Zone 22 (D) - Symmetrical and asymmetrical diffuser optics Lamp range: 250W - 400W</p>
 <p>60 ATEX - IEC309 Standard plugs</p> <p>Zone 2 (G) - Zone 22 (D) Ex nA T6 tD A22 IP67 T85°C X Range: 16A - 63A</p>	 <p>76 ATEX - Complementary items for ATEX boxes</p> <p>Back-mounting plates in galvanised steel</p>	 <p>83 range - Halle ATEX version Watertight suspension high bays</p> <p>Zone 2 (G) - Zone 22 (D) - Standard or diffuser optics Lamp range: 250W - 400W</p>
 <p>70 ATEX - Switch disconnectors in casted aluminium enclosure</p> <p>Zone 22 (D) Ex tD A22 IP65 T85°C X Range: 16A - 100A - Control version: black knob - Emergency version: red knob</p>	 <p>52/76 ATEX - Metal cable glands</p> <p>Zone 1 (G) - Zone 20 (D) 2G 1D Ex e -20°C ≤ Ta ≤ +95°C IP68 - Cable gland range: M12 - M63 / PG7 - PG48</p>	 <p>80 range - ZNT ATEX version Watertight professional polycarbonate ceiling-mounting luminaires</p> <p>Zone 2 (G) - Zone 22 (D) Lamp range: 2x18W-2x36W-2x58W</p>
 <p>76 ATEX - Junction boxes in varnished aluminium alloy</p> <p>Zone 2 (G) - Zone 22 (D) Ex nA tD A22 IP66 -20°C ≤ Ta ≤ +85°C U</p>	 <p>Fixing nuts for metal cable glands</p> <p>- Range: M12 - M63 / PG7 - PG48</p>	
 <p>76 ATEX - Complementary items for ATEX boxes</p> <p>Back-mounting plates in galvanised steel</p>	 <p>52/76 ATEX - Cable glands in insulating material</p> <p>Zone 1 (G) - Zone 20 (D) 2G 1D Ex e -20°C ≤ Ta ≤ +95°C IP68 - Cable gland range: M12 - M63 / PG7 - PG48</p>	
 <p>52/76 ATEX - Metal cable glands</p> <p>Zone 1 (G) - Zone 20 (D) 2G 1D Ex e -20°C ≤ Ta ≤ +95°C IP68 - Cable gland range: M12 - M63 / PG7 - PG48</p>	 <p>Fixing nuts for plastic cable glands</p> <p>- Range: M12 - M63 / PG7 - PG48</p>	
 <p>Fixing nuts for metal cable glands</p> <p>- Range: M12 - M63 / PG7 - PG48</p>		
 <p>52/76 ATEX - Cable glands in insulating material</p> <p>Zone 1 (G) - Zone 20 (D) 2G 1D EEX e -20°C ≤ Ta ≤ +95°C IP68 - Cable gland range: M12 - M63 / PG7 - PG48</p>		
 <p>Fixing nuts for plastic cable glands</p> <p>- Range: M12 - M63 / PG7 - PG48</p>		

INTERLOCKED SWITCHED SOCKET-OUTLETS

In (A)	POLES	WITH BOTTOM		WITHOUT BOTTOM		MODULAR BASES				BACK-MOUNTING BOX
		ROTARY SWITCH	FUSE HOLDER BASE	ROTARY SWITCH	FUSE HOLDER BASE	1 GANG	2 GANGS	3 GANGS	1 GANG	1 GANG
16A	2P + $\frac{1}{2}$	GW 67 873	GW 67 941	GW 67 804	GW 67 850	GW 67 986	GW 67 987	GW 67 988	GW 67 989	GW 67 981
	3P + $\frac{1}{2}$	GW 67 877	GW 67 945	GW 67 808	GW 67 854					
	3P+N + $\frac{1}{2}$	GW 67 878	GW 67 946	GW 67 809	GW 67 855					
32A	2P + $\frac{1}{2}$	GW 67 884	GW 67 952	GW 67 815	GW 67 861					
	3P + $\frac{1}{2}$	GW 67 888	GW 67 956	GW 67 819	GW 67 865					
	3P+N + $\frac{1}{2}$	GW 67 889	GW 67 957	GW 67 820	GW 67 866					
63A	2P + $\frac{1}{2}$	GW 67 896	GW 67 964							
	3P + $\frac{1}{2}$	GW 67 900	GW 67 968							
	3P+N + $\frac{1}{2}$	GW 67 901	GW 67 969							

STRAIGHT TRAILING PLUGS

In (A)	POLES	TENSION (V)			
		110V	230V	400V	500V
16A	2P + $\frac{1}{2}$	GW 60 601	GW 60 604	GW 60 607	
	3P + $\frac{1}{2}$	GW 60 602	GW 60 605	GW 60 608	GW 60 610
	3P+N + $\frac{1}{2}$	GW 60 603	GW 60 606	GW 60 609	GW 60 611
32A	2P + $\frac{1}{2}$	GW 60 612	GW 60 615	GW 60 618	
	3P + $\frac{1}{2}$	GW 60 613	GW 60 616	GW 60 619	GW 60 621
	3P+N + $\frac{1}{2}$	GW 60 614	GW 60 617	GW 60 620	GW 60 622
63A	2P + $\frac{1}{2}$	GW 60 624	GW 60 627	GW 60 630	
	3P + $\frac{1}{2}$	GW 60 625	GW 60 628	GW 60 631	GW 60 633
	3P+N + $\frac{1}{2}$	GW 60 626	GW 60 629	GW 60 632	GW 60 634

BOXES AND BACK-MOUNTING PLATES

CODE	INTERNAL DIMENSIONS (mm)	BACK-MOUNTING PLATE
GW 76 291	91x91x54	
GW 76 292	128x103x57	GW 76 272
GW 76 293	155x130x58	GW 76 273
GW 76 294	178x156x75	GW 76 274
GW 76 295	239x202x85	GW 76 275
GW 76 296	294x244x114	GW 76 276

PLASTIC AND METAL CABLE GLANDS WITH FIXING NUTS

CABLE GLANDS						FIXING NUTS					
PITCH	PLASTIC	METAL	PITCH	PLASTIC	METAL	PITCH	PLASTIC	METAL	PITCH	PLASTIC	METAL
PG	CODE	CODE	M	CODE	CODE	PG	CODE	CODE	M	CODE	CODE
7	GW 52 101	GW 76 901	12	GW 52 121	GW 76 921	7	GW 52 141	GW 76 941	12	GW 52 161	GW 76 949
9	GW 52 102	GW 76 902	16	GW 52 122	GW 76 922	9	GW 52 142	GW 76 942	16	GW 52 162	GW 76 951
11	GW 52 103	GW 76 903	20	GW 52 123	GW 76 923	11	GW 52 143	GW 76 957	20	GW 52 163	GW 76 952
13.5	GW 52 104	GW 76 904	25	GW 52 124	GW 76 924	13.5	GW 52 144	GW 76 958	25	GW 52 164	GW 76 953
16	GW 52 105	GW 76 905	32	GW 52 125	GW 76 925	16	GW 52 145	GW 76 959	32	GW 52 165	GW 76 954
21	GW 52 106	GW 76 906	40	GW 52 126	GW 76 926	21	GW 52 146	GW 76 960	40	GW 52 166	GW 76 955
29	GW 52 107	GW 76 907	50	GW 52 127	GW 76 927	29	GW 52 147	GW 76 961	50	GW 52 167	GW 76 956
36	GW 52 108	GW 76 908	63	GW 52 128	GW 76 928	36	GW 52 148	GW 76 962	63	GW 52 168	GW 76 950
42	GW 52 109	GW 76 909				42	GW 52 149	GW 76 963			
48	GW 52 110	GW 76 910				48	GW 52 150	GW 76 943			

DISCONNECTING SWITCHES

In (A)	POLES	CONTROL VERSION	EMERGENCY VERSION
16A	2P	GW 70 451	GW 70 471
	3P	GW 70 452	GW 70 472
	3P+N	GW 70 453	GW 70 473
32A	2P	GW 70 454	GW 70 474
	3P	GW 70 455	GW 70 475
	3P+N	GW 70 456	GW 70 476
63A	2P		
	3P	GW 70 457	GW 70 477
	3P+N	GW 70 458	GW 70 478
100A	2P		
	3P	GW 70 459	GW 70 479
	3P+N	GW 70 460	GW 70 480

LIGHTING SYSTEMS

LAMP POWER	70W	150W	250W	250W*	400W	400W*	2x18W	2x36W	2x58W
URANO	GW 84 133 S GW 84 133 M	GW 84 134 S GW 84 134 M							
TITANO			GW 84 581 S GW 84 581 M GW 84 591 S GW 84 591 M	GW 84 582 M	GW 84 583 S GW 84 583 M GW 84 593 S GW 84 593 M	GW 84 584 M GW 84 594 M			
HALLE			GW 83 563 S GW 83 563 M GW 83 573 S GW 83 573 M	GW 83 564 M GW 83 574 M	GW 83 566 S GW 83 566 M GW 83 576 S GW 83 576 M	GW 83 567 M GW 83 577 M			
ZNT							GW 80 454 GW 80 444	GW 80 455 GW 80 445	GW 80 456 GW 80 446

* Lamp with 0.7-1 kV striking voltage.

60 ATEX - IEC 309 STANDARD PLUGS - ZONE 2 (G) ZONE 22 (D)

IP67

GW60608



ATEX STRAIGHT PLUGS

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 60 601	2P+E	110 V	Yellow	4	10/20
GW 60 602	3P+E	110 V	Yellow	4	10/20
GW 60 603	3P+N+E	110 V	Yellow	4	10/20
GW 60 604	2P+E	230 V	Blue	6	10/40
GW 60 605	3P+E	230 V	Blue	9	10/20
GW 60 606	3P+N+E	230 V	Blue	9	10/20
GW 60 607	2P+E	400 V	Red	9	10/20
GW 60 608	3P+E	400 V	Red	6	10/40
GW 60 609	3P+N+E	400 V	Red	6	10/40
GW 60 610	3P+E	500 V	Black	7	10/20
GW 60 611	3P+N+E	500 V	Black	7	10/20
RATED CURRENT (A): 32					
GW 60 612	2P+E	110 V	Yellow	4	8/16
GW 60 613	3P+E	110 V	Yellow	4	8/16
GW 60 614	3P+N+E	110 V	Yellow	4	8/16
GW 60 615	2P+E	230 V	Blue	6	8/16
GW 60 616	3P+E	230 V	Blue	9	8/16
GW 60 617	3P+N+E	230 V	Blue	9	8/16
GW 60 618	2P+E	400 V	Red	9	8/16
GW 60 619	3P+E	400 V	Red	6	8/16
GW 60 620	3P+N+E	400 V	Red	6	8/16
GW 60 621	3P+E	500 V	Black	7	8/16
GW 60 622	3P+N+E	500 V	Black	7	8/16
GW 60 623	3P+E	400 V	Red	3	8/16
RATED CURRENT (A): 63					
GW 60 624	2P+E	110 V	Yellow	4	2/4
GW 60 625	3P+E	110 V	Yellow	4	2/4
GW 60 626	3P+N+E	110 V	Yellow	4	2/4
GW 60 627	2P+E	230 V	Blue	6	2/4
GW 60 628	3P+E	230 V	Blue	9	2/4
GW 60 629	3P+N+E	230 V	Blue	9	2/4
GW 60 630	2P+E	400 V	Red	9	2/4
GW 60 631	3P+E	400 V	Red	6	2/4
GW 60 632	3P+N+E	400 V	Red	6	2/4
GW 60 633	3P+E	500 V	Black	7	2/4
GW 60 634	3P+N+E	500 V	Black	7	2/4

ATEX VERSIONS CLASSIFICATION:

Ex nA T6 tD A22 IP67 T85°C X - 50/60 Hz.

67 ATEX - FIXED VERTICAL INTERLOCKED SOCKET-OUTLETS - ZONE 22 (D)

WITH ROTARY SWITCH WITHOUT FUSE HOLDER BASE AND WITHOUT BOTTOM

GW67808



ATEX VERTICAL INTERLOCKED SOCKET-OUTLETS WITHOUT FUSE HOLDER BASE

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 67 804	2P+E	230 V	Blue	6	1/6
GW 67 808	3P+E	400 V	Red	6	1/6
GW 67 809	3P+N+E	400 V	Red	6	1/6
RATED CURRENT (A): 32					
GW 67 815	2P+E	230 V	Blue	6	1/6
GW 67 819	3P+E	400 V	Red	6	1/6
GW 67 820	3P+N+E	400 V	Red	6	1/6

NOTE: use is subject to installation with modular bases and base box.

ATEX VERSIONS CLASSIFICATION:

Ex tD A22 IP66 T85°C U - 50/60Hz.

WITH ROTARY SWITCH WITH FUSE HOLDER BASE AND WITH BOTTOM

GW67854



ATEX VERTICAL INTERLOCKED SOCKET-OUTLETS WITH FUSE HOLDER BASE

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 67 850	2P+E	230 V	Blue	6	1/6
GW 67 854	3P+E	400 V	Red	6	1/6
GW 67 855	3P+N+E	400 V	Red	6	1/6
RATED CURRENT (A): 32					
GW 67 861	2P+E	230 V	Blue	6	1/6
GW 67 865	3P+E	400 V	Red	6	1/6
GW 67 866	3P+N+E	400 V	Red	6	1/6

CHARACTERISTICS: fuse-holder bases for 16/32A Ø10, 3x38. Fuses supplied.

NOTE: use is subject to installation with modular bases and base box.

ATEX VERSIONS CHARACTERISTICS

Ex tD A22 IP66 T85°C U - 50/60Hz

WITH ROTARY SWITCH WITHOUT FUSE HOLDER BASE AND WITH BOTTOM

GW67877



ATEX VERTICAL INTERLOCKED SOCKET-OUTLETS WITHOUT FUSES

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 67 873	2P+E	230 V	Blue	6	1/6
GW 67 877	3P+E	400 V	Red	6	1/6
GW 67 878	3P+N+E	400 V	Red	6	1/6
RATED CURRENT (A): 32					
GW 67 884	2P+E	230 V	Blue	6	1/6
GW 67 888	3P+E	400 V	Red	6	1/6
GW 67 889	3P+N+E	400 V	Red	6	1/6
RATED CURRENT (A): 63					
GW 67 896	2P+E	230 V	Blue	6	1/3
GW 67 900	3P+E	400 V	Red	6	1/3
GW 67 901	3P+N+E	400 V	Red	6	1/3

ACCESSORIES SUPPLIED: versions 16/32A cable gland PG29 ATEX; version 63A cable gland PG36 ATEX.

ATEX VERSIONS CHARACTERISTICS

Ex tD A22 IP66 T85°C - 50/60Hz

WITH ROTARY SWITCH WITH FUSE HOLDER BASE AND WITH BOTTOM



ATEX VERTICAL INTERLOCKED SOCKET-OUTLETS WITH FUSES

Code	No. of poles	Rated voltage	Colour	Reference h	Pack. Carton.
RATED CURRENT (A): 16					
GW 67 941	2P+E	230 V	Blue	6	1/6
GW 67 945	3P+E	400 V	Red	6	1/6
GW 67 946	3P+N+E	400 V	Red	6	1/6
RATED CURRENT (A): 32					
GW 67 952	2P+E	230 V	Blue	6	1/6
GW 67 956	3P+E	400 V	Red	6	1/6
GW 67 957	3P+N+E	400 V	Red	6	1/6
RATED CURRENT (A): 63					
GW 67 964	2P+E	230 V	Blue	6	1/3
GW 67 968	3P+E	400 V	Red	6	1/3
GW 67 969	3P+N+E	400 V	Red	6	1/3

CHARACTERISTICS: fuse-holder bases for 16/32A Ø10, 3x38, for 63A Ø 22x58. Fuses supplied.

ACCESSORIES SUPPLIED: versions 16/32A cable gland PG29 ATEX; version 63A cable gland PG36 ATEX.

ATEX VERSIONS CLASSIFICATION:

Ex tD A22 IP66 T85°C - 50/60Hz.

67 ATEX - TECHNICAL COMPONENTS FOR ATEX SOCKET-OUTLETS

TECHNICAL COMPONENTS

GW67981



WALL-MOUNTING BOTTOM FOR FIXED VERTICAL INTERLOCKED SOCKET-OUTLETS WITHOUT BOTTOM

Code	Houseable sockets	Housed ATEX socket-outlets	Top entry	Bottom entry	Pack. Carton.
GW 67 981	1	16/32A	1xØ 23/29	1xØ 23/29	1/10

ACCESSORIES SUPPLIED: ATEX cable gland PG29

GW67989



MODULAR BASES FOR COMBINED ASSEMBLY OF ATEX VERTICAL INTERLOCKED SOCKET-OUTLETS

Code	Houseable sockets	Housed ATEX socket-outlets	Top entry	Pack. Carton.
GW 67 986	1	16/32A	1xØ 23/29	1/6
GW 67 987	2	16/32A	1xØ 23/29	1/2
GW 67 988	3	16/32A	1xØ 23/29	1/2
GW 67 989	1	63A	1xØ 37/48	1/6

The installation of the version 63A is possible after removing the socket-outlet base.

ACCESSORIES SUPPLIED: versions 16/32A cable gland PG29 ATEX; version 63A cable gland PG36 ATEX.

FUSES

GW72104



CYLINDRICAL FUSES GG - 500V~

Code	Current	Voltage	Type	Breaking capacity	Pack. Carton.
DIMENSIONS (MM): Ø 10,3x38					
GW 72 104	2A	500V	gG	100KA	10/100
GW 72 105	6A	500V	gG	100kA	10/100
GW 72 101	16A	500V	gG	100kA	10/100
GW 72 110	32A	400V	gG	100kA	10/100
DIMENSIONS (MM): Ø 22x58					
GW 72 103	63A	500V	gG	100kA	10/30

70 ATEX - DISCONNECTING SWITCHES IN PAINTED ALUMINIUM BOXE - ZONE 22 (D)

CONTROL VERSIONS IN ALUMINIUM BOX

GW70451



ATEX ROTARY WALL-MOUNTING SWITCHES FOR CONTROL, WITH BLACK KNOB

Code	N. poles	Power AC3 400V (kW)	Pack. Carton.
RATED CURRENT (A): 16			
GW 70 451	2P	6 (230V)	1
GW 70 452	3P	10	1
GW 70 453	4P	10	1
RATED CURRENT (A): 32			
GW 70 454	2P	9 (230V)	1
GW 70 455	3P	15	1
GW 70 456	4P	15	1
RATED CURRENT (A): 63			
GW 70 457	3P	18,5	1
GW 70 458	4P	18,5	1
RATED CURRENT (A): 100			
GW 70 459	3P	30	1
GW 70 460	4P	30	1

ACCESSORIES SUPPLIED: cable gland M25 for versions 16A, M32 for versions 32A and M40 for 63-100A.

ATEX VERSIONS CLASSIFICATION:

Ex tD A22 IP65 T85°C X.

EMERGENCY VERSIONS IN ALUMINIUM BOX

GW70471



ATEX ROTARY WALL-MOUNTING SWITCHES FOR EMERGENCY, WITH RED KNOB

Code	N. poles	Power AC3 400V (kW)	Pack. Carton.
RATED CURRENT (A): 16			
GW 70 471	2P	6 (230V)	1
GW 70 472	3P	10	1
GW 70 473	4P	10	1
RATED CURRENT (A): 32			
GW 70 474	2P	9 (230V)	1
GW 70 475	3P	15	1
GW 70 476	4P	15	1
RATED CURRENT (A): 63			
GW 70 477	3P	18,5	1
GW 70 478	4P	18,5	1
RATED CURRENT (A): 100			
GW 70 479	3P	30	1
GW 70 480	4P	30	1

ACCESSORIES SUPPLIED: cable gland M25 for versions 16A, M32 for versions 32A and M40 for 63-100A.

ATEX VERSIONS CLASSIFICATION:

Ex tD A22 IP65 T85°C X.

74 ATEX - COMMAND EQUIPMENT IN BOX - ZONE 22 (D)

FOR EMERGENCY

GW74232



EMERGENCY MUSHROOM PUSH-BUTTON IN ALUMINIUM BOX - GREY RAL 7037

Code	Type	Contacts	Pack. Carton.
GW 74 232	Red mushroom-head + hold	1 NC	1

CHARACTERISTICS: yellow label with "Emergency - Stop" inscription.

ACCESSORIES SUPPLIED: 1 ATEX M20 brass cable gland.

ATEX VERSIONS CLASSIFICATION: Ex tD A22 IP66 T85°C X

FOR OPERATING/STOPPING

GW74233



RUN/STOP PUSH-BUTTONS IN ALUMINIUM BOX - GREY RAL 7037

Code	Type	Contacts	Pack. Carton.
GW 74 233	Green Red with guard	Green NO and red NC	1

CHARACTERISTICS: NC contact suitable for opening also in the case of slight sticking, in compliance with standard EN 60947-5 -1.

Push-buttons protected with transparent silicone cap.

ACCESSORIES SUPPLIED: 1 ATEX M20 brass cable gland.

ATEX VERSIONS CLASSIFICATION: Ex tD A22 IP66 T85°C X

76 ATEX - JUNCTION BOXES - ZONE 2 (G) - ZONE 22 (D)

76 ATEX - PAINTED BOXES - ZONE 2 (G) ZONE 22 (D)

GW76291

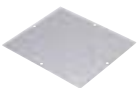


ATEX SURFACE-MOUNTING JUNCTION BOXES - GREY RAL 7037

Code	Internal dim. LxHxD (mm)	IP degree	Pack. Carton.
GW 76 291	91x91x54	IP66	1/40
GW 76 292	128x103x57	IP66	1/32
GW 76 293	155x130x58	IP66	1/24
GW 76 294	178x156x75	IP66	1/16
GW 76 295	239x202x85	IP66	1/8
GW 76 296	294x244x114	IP66	1/4

TECHNICAL COMPONENTS FOR ATEX BOXES

GW76273



BACK-MOUNTING PLATES IN GALVANISED STEEL

Code	For boxes LxH (mm)	Pack. Carton.
GW 76 272	128x103	1/10
GW 76 273	155x130	1/10
GW 76 274	178x156	1/10
GW 76 275	239x202	1/5
GW 76 276	294x244	1/5

52/76 ATEX - ACCESSORIES IN INSULATING MATERIAL - ZONE 1(G) - ZONE 20 (D)

CABLE GLANDS

GW52101



ATEX POLYMER CABLE GLANDS, PG-PITCH - GREY RAL 7035

Code	Type of pitch	Mounting hole Ø (mm)	For cables Ø (mm)	Pack. Carton.
GW 52 101	PG7	12,5	from 3 to 6,5	50/900
GW 52 102	PG9	16	from 4 to 8	50/600
GW 52 103	PG11	19	from 5 to 10	25/500
GW 52 104	PG13.5	20	from 6,5 to 12	25/500
GW 52 105	PG16	23	from 7 to 12	25/375
GW 52 106	PG21	29	from 13 to 18	25/400
GW 52 107	PG29	37	from 18 to 25	25/250
GW 52 108	PG36	48	from 22 to 32	10/130
GW 52 109	PG42	54	from 32 to 38	6/120
GW 52 110	PG48	60	from 37 to 44	5/100

ATEX VERSIONS CLASSIFICATION:

2G 1D Ex E -20°C < Ta < +95°C IP68

NOTES: fixing nuts not supplied.

GW52121



ATEX POLYMER CABLE GLANDS, M-PITCH - GREY RAL 7035

Code	Type of pitch	Mounting hole Ø (mm)	For cables Ø (mm)	Pack. Carton.
GW 52 121	M12	12	from 3 to 3,5	50/600
GW 52 122	M16	16	from 5 to 10	50/400
GW 52 123	M20	20	from 10 to 14	25/300
GW 52 124	M25	25	from 13 to 18	25/200
GW 52 125	M32	32	from 18 to 25	25/150
GW 52 126	M40	40	from 22 to 32	10/120
GW 52 127	M50	50	from 32 to 38	6/84
GW 52 128	M63	63	from 37 to 44	5/60

ATEX VERSIONS CLASSIFICATION:

2G 1D Ex E -20°C < Ta < +95°C IP68

NOTES: fixing nuts not supplied.

GW52141



FIXING NUTS

Code	Type of pitch	Pack. Carton.
GW 52 141	PG7	25/100
GW 52 142	PG9	25/100
GW 52 143	PG11	25/100
GW 52 144	PG13.5	25/100
GW 52 145	PG16	25/100
GW 52 146	PG21	25/100
GW 52 147	PG29	25/100
GW 52 148	PG36	10/50
GW 52 149	PG42	10/50
GW 52 150	PG48	10/50
GW 52 161	M12	25/100
GW 52 162	M16	25/100
GW 52 163	M20	25/100
GW 52 164	M25	25/100
GW 52 165	M32	25/100
GW 52 166	M40	10/50
GW 52 167	M50	10/50
GW 52 168	M63	10/50

52/76 ATEX - METAL ACCESSORIES - ZONE 1(G) - ZONE 20 (D)

CABLE GLANDS

GW76901



ATEX METAL CABLE GLANDS, PG-PITCH, LONG THREAD

Code	Type of pitch	Mounting hole Ø (mm)	For cables Ø (mm)	Pack. Carton.
GW 76 901	PG7	12,5	from 3 to 6,5	10/100
GW 76 902	PG9	16	from 4 to 8	10/100
GW 76 903	PG11	19	from 5 to 10	10/100
GW 76 904	PG13,5	20	from 6,5 to 12	10/100
GW 76 905	PG16	23	from 7 to 12	10/100
GW 76 906	PG21	29	from 13 to 18	5/50
GW 76 907	PG29	37	from 18 to 25	5/50
GW 76 908	PG36	48	from 22 to 32	5/50
GW 76 909	PG42	54	from 32 to 38	2/10
GW 76 910	PG48	60	from 37 to 44	2/10

ATEX VERSIONS CLASSIFICATION:

2G 1D Ex E -20°C < Ta < +95°C IP68

NOTES: fixing nuts not supplied.

GW76921



ATEX METAL CABLE GLANDS, M-PITCH, LONG THREAD

Code	Type of pitch	Mounting hole Ø (mm)	For cables Ø (mm)	Pack. Carton.
GW 76 921	M12	12	from 3 to 6,5	10/100
GW 76 922	M16	16	from 6 to 10	10/100
GW 76 923	M20	20	from 10 to 14	10/100
GW 76 924	M25	25	from 14 to 18	10/100
GW 76 925	M32	32	from 20 to 25	5/50
GW 76 926	M40	40	from 22 to 32	5/50
GW 76 927	M50	50	from 32 to 38	2/10
GW 76 928	M63	63	from 37 to 44	2/10

ATEX VERSIONS CLASSIFICATION:

2G 1D Ex E -20°C < Ta < +95°C IP68

NOTES: fixing nuts not supplied.

GW76941



FIXING NUTS

Code	Type of pitch	Pack. Carton.
GW 76 941	PG7	25/100
GW 76 942	PG9	25/100
GW 76 957	PG11	25/100
GW 76 958	PG13,5	25/100
GW 76 959	PG16	25/100
GW 76 960	PG21	25/100
GW 76 961	PG29	25/100
GW 76 962	PG36	10/50
GW 76 963	PG42	10/50
GW 76 943	PG48	10/50
GW 76 949	M12	25/100
GW 76 951	M16	25/100
GW 76 952	M20	25/100
GW 76 953	M25	25/100
GW 76 954	M32	25/100
GW 76 955	M40	10/50
GW 76 956	M50	10/50
GW 76 950	M63	10/50

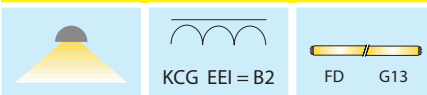
ATEX ZNT - PROFESSIONAL CEILING-MOUNTING LUMINAIRES - ZONE 2 (G) - ZONE 22 (D)

ATEX VERSION ZONE 2(G) - ZONE 22D

GW80455



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Pack. Carton.
VOLTAGE: 230 V - 50 Hz							
GW 80 454	2	18 W	FD	G13	680x112x195	2.6	1/20
GW 80 455	2	36 W	FD	G13	1290x112x195	4.6	1/20
GW 80 456	2	58 W	FD	G13	1590x112x195	6.1	1/20

ATEX CLASSIFICATION: versions with magnetic ballast
 2x18W: II 3GD Ex nA T3 - tD A22 IP65 T81°C -20°C < Ta < +25°C - 230V 50Hz
 2x36W: II 3GD Ex nA T3 - tD A22 IP65 T78°C -20°C < Ta < +25°C - 230V 50Hz
 2x58W: II 3GD Ex nA T4 - tD A22 IP65 T88°C -20°C < Ta < +25°C - 230V 50Hz

ATEX VERSION ZONE 22 D

GW80445



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I - ELECTRONIC POWER SUPPLY



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Pack. Carton.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 80 444	2	18 W	FD	G13	680x112x195	2.3	1/20
GW 80 445	2	36 W	FD	G13	1290x112x195	3.8	1/20
GW 80 446	2	58 W	FD	G13	1590x112x195	4.5	1/20

ATEX CLASSIFICATION: versions with electronic power supply
 2x18W: II 3D Ex - tD A22 IP65 T85°C -20°C < Ta < +25°C - 220/240V 50/60Hz
 2x36W: II 3D Ex - tD A22 IP65 T85°C -20°C < Ta < +25°C - 220/240V 50/60Hz
 2x58W: II 3D Ex - tD A22 IP65 T85°C -20°C < Ta < +25°C - 220/240V 50/60Hz

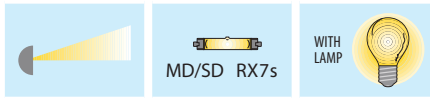
ATEX URANO - COMPACT, ASYMMETRICAL FLOODLIGHTS - ZONE 2 (G) - ZONE 22 (D)

DIFFUSED OPTICS

GW84133S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP55 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack. Carton.
VOLTAGE: 230 V - 50 Hz							
GW 84 133 S	70 W	SD	RX7s	1 A	Graphite grey	5	1
GW 84 133 M	70 W	MD	RX7s	1 A	Graphite grey	5	1
GW 84 134 S	150 W	SD	RX7s	1.8 A	Graphite grey	6	1
GW 84 134 M	150 W	MD	RX7s	1.8 A	Graphite grey	6	1

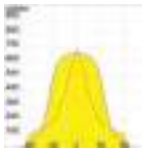
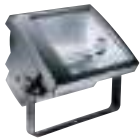
ATEX VERSIONS CLASSIFICATION:

Version 70W: II 3GD Ex nA 490°C - tD A22 IP55 T108°C -20°C < Ta < +25°C - 230V 50Hz
Version 150W: II 3GD Ex nA 600°C - tD A22 IP55 T165°C -20°C < Ta < +25°C - 230V 50Hz.

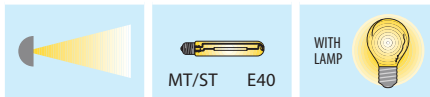
ATEX TITANO - MEDIUM POWER FLOODLIGHTS - ZONE 2 (G) - ZONE 22 (D)

SYMMETRICAL DIFFUSED OPTICS

GW84581S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack. Carton.
VOLTAGE: 230 V - 50 Hz							
GW 84 581 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 581 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 582 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 583 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 583 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 584 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1

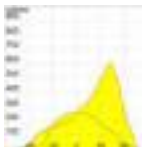
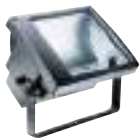
Lamp with striking voltage of 0.7 ÷ 1kV.

ATEX VERSIONS CLASSIFICATION:

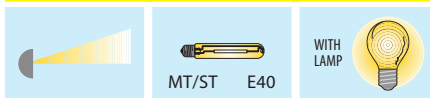
Version 250W 1kV: II 3GD Ex nA 520°C - tD A22 IP66 T210°C -20°C < Ta < +25°C - 230V 50Hz
Version 250W 4kV: II 3GD Ex nA T1 - tD A22 IP66 T200°C -20°C < Ta < +25°C - 230V 50Hz
Version 400W 1kV: II 3GD Ex nA 520°C - tD A22 IP66 T210°C -20°C < Ta < +25°C - 230V 50Hz
Version 400W 4kV: II 3GD Ex nA 495°C - tD A22 IP66 T200°C -20°C < Ta < +25°C - 230V 50Hz

ASYMMETRICAL DIFFUSED OPTICS

GW84591S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack. Carton.
VOLTAGE: 230 V - 50 Hz							
GW 84 591 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 591 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 592 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 593 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 593 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 594 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1

Lamp with striking voltage of 0.7 ÷ 1kV.

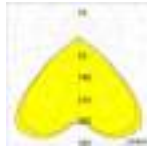
ATEX VERSIONS CLASSIFICATION:

Version 250W 1kV: II 3GD Ex nA 520°C - tD A22 IP66 T210°C -20°C < Ta < +25°C - 230V 50Hz
Version 250W 4kV: II 3GD Ex nA T1 - tD A22 IP66 T200°C -20°C < Ta < +25°C - 230V 50Hz
Version 400W 1kV: II 3GD Ex nA 520°C - tD A22 IP66 T210°C -20°C < Ta < +25°C - 230V 50Hz
Version 400W 4kV: II 3GD Ex nA 495°C - tD A22 IP66 T200°C -20°C < Ta < +25°C - 230V 50Hz

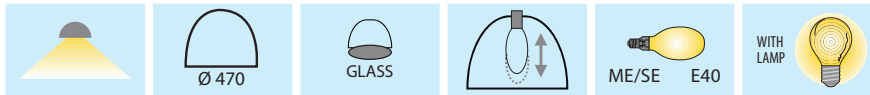
ATEX HALLE - SUSPENDED WATERTIGHT REFLECTORS - ZONE 2 (G) - ZONE 22 (D)

STANDARD OPTICS

GW83563S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack. Carton.
VOLTAGE: 230 V - 50 Hz							
GW 83 563 S	250 W	SE	E40	3 A	Graphite grey	10	1
GW 83 563 M	250 W	ME	E40	3 A	Graphite grey	10	1
GW 83 564 M	250 W	ME*	E40	2.2 A	Graphite grey	9.2	1
GW 83 566 S	400 W	SE	E40	4.2 A	Graphite grey	11.1	1
GW 83 566 M	400 W	ME	E40	4.2 A	Graphite grey	11.1	1
GW 83 567 M	400 W	ME*	E40	3.4 A	Graphite grey	9.9	1

Lamp with striking voltage of 0.7 ÷ 1kV.

ATEX VERSIONS CLASSIFICATION:

Version 250W 1kV: II 3GD Ex nA T1 - tD A22 IP65 T137°C -20°C < Ta < +25°C X - 230V 50Hz

Version 250W 4kV: II 3GD Ex nA T2 - tD A22 IP65 T113°C -20°C < Ta < +25°C X - 230V 50Hz

Version 400W 1kV: II 3GD Ex nA T1 - tD A22 IP65 T137°C -20°C < Ta < +25°C X - 230V 50Hz

Version 400W 4kV: II 3GD Ex nA T1 - tD A22 IP65 T156°C -20°C < Ta < +25°C X - 230V 50Hz

DIFFUSED OPTICS

GW83573S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Pack. Carton.
VOLTAGE: 230V - 50Hz							
GW 83 573 S	250 W	SE	E40	3 A	Graphite grey	12.5	1
GW 83 573 M	250 W	ME	E40	3 A	Graphite grey	12.5	1
GW 83 574 M	250 W	ME*	E40	2.2 A	Graphite grey	11.7	1
GW 83 576 S	400 W	SE	E40	4.2 A	Graphite grey	13.5	1
GW 83 576 M	400 W	ME	E40	4.2 A	Graphite grey	13.5	1
GW 83 577 M	400 W	ME*	E40	3.4 A	Graphite grey	12.4	1

Lamp with striking voltage of 0.7 ÷ 1kV.

ATEX VERSIONS CLASSIFICATION:

Version 250W 1kV: II 3GD Ex nA T1 - tD A22 IP65 T137°C -20°C < Ta < +25°C X - 230V 50Hz

Version 250W 4kV: II 3GD Ex nA T2 - tD A22 IP65 T113°C -20°C < Ta < +25°C X - 230V 50Hz

Version 400W 1kV: II 3GD Ex nA T1 - tD A22 IP65 T137°C -20°C < Ta < +25°C X - 230V 50Hz

Version 400W 4kV: II 3GD Ex nA T1 - tD A22 IP65 T156°C -20°C < Ta < +25°C X - 230V 50Hz

GW Connect range

Multipolar connectors

Multipolar connector system from 3 to 216 poles. Can be used wherever connections are required for power, control and signalling circuits.

- Inserts with 4 types of connection: screw, crimp, screw terminal block and spring.
- Ergonomic housings and hoods with high wiring holding capacity.
- Versions for standard applications (830V), heavy duty and electromagnetic compatibility.

































MULTIPOLAR CONNECTORS, INSERTS AND ENCLOSURES								
Insert range	No. of poles + ±	Rated voltage	Maximum rated current	Wire connection				
				Screw	Crimp	Terminal block	Spring	
GW-A		3-4	230 / 400	10A	X			
		10	250 V	10A	X	X		
		16, 32	250 V	10A	X	X		
GW-D		7	250 V	10A		X		
		8	50 V	10A		X		
		15	250 V	10A		X		
		25, 50	250 V	10A		X		
		40, 80	250 V	10A		X		
		64, 128	250 V	10A		X		
GW-DD		24	250 V	10A		X		
		42	250 V	10A		X		
		72, 144	250 V	10A		X		
		108, 216	250 V	10A		X		
GW-E		6	500 V	16A	X	X		
		10	500 V	16A	X	X		
		16, 32	500 V	16A	X	X		
		24, 48	500 V	16A	X	X		
GW-EE		10	500 V	16A		X		
		18	500 V	16A		X		
		32, 64	500 V	16A		X		
		46, 92	500 V	16A		X		
GW-ES		6	500 V	16A				X
		10	500 V	16A				X
		16, 32	500 V	16A				X
		24, 48	500 V	16A				X
GW-EAV		6	500 V	16A			X	
		10	500 V	16A			X	
		16	500 V	16A			X	
		24	500 V	16A			X	
GW-EHV		3+2	830 V	16A	X	X		
		6+2, 12+4	830 V	16A	X	X		
		10+2, 20+4	830 V	16A	X	X		
		16+2, 32+4	830 V	16A	X			
GW-ESHV		3+2	830 V	16A				X
		6+2, 12+4	830 V	16A				X
		10+2, 20+4	830 V	16A				X
GW-HSB		6	830 V	35A	X			
		12	830 V	35A	X			
GW-K		4	830 V	80A	X			
		4x80A + 2x16A	830V-400 V	80A-16A	X			
		4x80A + 8x16A	830V-400 V	80A-16A	X			
GW-Q 5		5	230/400 V	16A		X		
GW-QD 12		12	230/400 V	10A		X		
GW-QD 8/0		8	500 V	16A		X		
GW-QD 17		17	250 V	10A		X		
GW-QD 4/2		4x40A + 2x10A	400/690V-250 V	40A-10A		X		

* Also with central lever

Dimensions	Enclosures				Lever closure	Cable gland size
	Standard	830V	Heavy-duty	EMC		
21 x 21	X		X	X	Single	PG11 M20
49 x 16	X		X	X	Single	PG13.5-21 M20-25
66 x 16; 66 x 40	X		X	X	Single	PG13.5-21 M20-25; PG21-29 M25-40
21 x 21	X		X	X	Single	PG11 M20
21 x 21	X		X	X	Single	PG11 M20
49 x 16	X		X	X	Single	PG13.5-21 M20-25
66 x 16; 66 x 40	X		X	X	Single	PG13.5-21 M20-25; PG21-29 M25-40
77 x 27; 77 x 62	X		X	X	Single* or double	PG21-29 M25-40; PG29-42 M32-50
104 x 27; 104 x 62	X		X	X	Single*	PG21-36 M25-40; PG29-42 M32-50
44 x 27	X		X	X	Single*	PG13.5-29 M20-32
57 x 27	X		X	X	Single* or double	PG13.5-29 M20-40
77 x 27; 77 x 62	X		X	X	Single* or double	PG21-29 M25-40; PG29-42 M32-50
104 x 27; 104 x 62	X		X	X	Single*	PG21-36 M25-40; PG29-42 M32-50
44 x 27	X		X	X	Single*	PG13.5-29 M20-32
57 x 27	X		X	X	Single* or double	PG13.5-29 M20-40
77 x 27; 77 x 62	X		X	X	Single* or double	PG21-29 M25-40; PG29-42 M32-50
104 x 27; 104 x 62	X		X	X	Single*	PG21-36 M25-40; PG29-42 M32-50
44 x 27	X		X	X	Single*	PG13.5-29 M20-32
57 x 27	X		X	X	Single* or double	PG13.5-29 M20-40
77 x 27; 77 x 62	X		X	X	Single* or double	PG21-29 M25-40; PG29-42 M32-50
104 x 27; 104 x 62	X		X	X	Single*	PG21-36 M25-40; PG29-42 M32-50
44 x 27	X		X	X	Single*	PG13.5-29 M20-32
57 x 27	X		X	X	Single* or double	PG13.5-29 M20-40
77 x 27	X		X	X	Single* or double	PG21-29 M25-40
104 x 27	X		X	X	Single*	PG21-36 M25-40
57 x 27	X	X	X	X	Single* or double	PG13.5-29 M20-40
77 x 27; 77 x 62	X	X	X	X	Single* or double	PG21-29 M25-40; PG29-42 M32-50
104 x 27; 104 x 62	X	X	X	X	Single*	PG21-36 M25-40; PG29-42 M32-50
104 x 27; 104 x 62	X	X	X	X	Single*	PG21-36 M25-40; PG29-42 M32-50
57 x 27	X	X	X	X	Single* or double	PG13.5-29 M20-40
77 x 27; 77 x 62	X	X	X	X	Single* or double	PG21-29 M25-40; PG29-42 M32-50
104 x 27; 104 x 62	X	X	X	X	Single*	PG21-36 M25-40; PG29-42 M32-50
77 x 27	X	X	X	X	Single* or double	PG21-29 M25-40
77 x 62	X	X	X		Single or double	PG29-42 M32-50
77 x 27	X	X	X	X	Single* or double	PG21-29 M25-40
77 x 27	X	X	X	X	Single* or double	PG21-29 M25-40
104 x 27	X		X	X	Single*	PG21-36 M25-40
21 x 21	X		X	X	Single	PG11 M20
21 x 21	X		X	X	Single	PG11 M20
32 x 13	X		X	X	Single	PG16 M25
32 x 13	X		X	X	Single	PG16 M25
32 x 13	X		X	X	Single	PG16 M25

COMPLETE MULTIPOLAR CONNECTORS

COMPLETE 3- AND 4-POLE CONNECTORS, 10A - 250V						
SINGLE CLOSING	POLARITY	HOOD	HOUSING		MATERIAL	CODE
		Output	Straight	Angled		
						
	3P+E	PG11	•	•	INSULATING	GW 76 741
	3P+E	PG11	•	•	INSULATING	GW 76 742
	4P+E	PG11	•	•	INSULATING	GW 76 743
	4P+E	PG11	•	•	INSULATING	GW 76 744
	3P+E	PG11	•	•	METAL	GW 76 745
	3P+E	PG11	•	•	METAL	GW 76 746
	4P+E	PG11	•	•	METAL	GW 76 747
	4P+E	PG11	•	•	METAL	GW 76 748
COMPLETE 6-POLE CONNECTORS, 16A - 500V						
SINGLE CLOSING	HOOD OUTLET		HOUSING		CODE	
	Horizontal	Vertical	Flush-mounting	Surface-mounting		
						
	PG16		•		GW 76 749	
		PG16	•		GW 76 754	
	PG16			PG16	GW 76 759	
		PG16		PG16	GW 76 764	
COMPLETE 10-POLE CONNECTORS, 16A - 500V						
DOUBLE CLOSING	HOOD OUTLET		HOUSING		CODE	
	Horizontal	Vertical	Flush-mounting	Surface-mounting		
						
	PG16		•		GW 76 750	
		PG16	•		GW 76 755	
	PG16			PG16	GW 76 760	
		PG16		PG16	GW 76 765	
COMPLETE 16-POLE CONNECTORS, 16A - 500V						
DOUBLE CLOSING	HOOD OUTLET		HOUSING		CODE	
	Horizontal	Vertical	Flush-mounting	Surface-mounting		
						
	PG21		•		GW 76 751	
		PG21	•		GW 76 756	
	PG21			PG21	GW 76 761	
		PG21		PG21	GW 76 766	
COMPLETE 24-POLE CONNECTORS, 16A - 500V						
DOUBLE CLOSING	HOOD OUTLET		HOUSING		CODE	
	Horizontal	Vertical	Flush-mounting	Surface-mounting		
						
	PG21		•		GW 76 752	
		PG21	•		GW 76 757	
	PG21			PG21	GW 76 762	
		PG21		PG21	GW 76 767	
COMPLETE 32-POLE CONNECTORS, 16A - 500V						
DOUBLE CLOSING	HOOD OUTLET		HOUSING		CODE	
	Horizontal	Vertical	Flush-mounting	Surface-mounting		
						
	PG36		•		GW 76 753	
		PG36	•		GW 76 758	
	PG36			PG36	GW 76 763	
		PG36		PG36	GW 76 768	

CRIMPING ACCESSORIES												
CONTACTS												PLIERS
10A				16A				40A				
FEMALE		MALE		FEMALE		MALE		FEMALE		MALE		
Contact section (mm²)	Silver-plated	Gold-plated	Silver-plated	Gold-plated	Silver-plated	Gold-plated	Silver-plated		Gold-plated		Silver-plated	
							Anticipated		Anticipated			
0.14-0.37	GW 77 201	GW 77 213	GW 77 207	GW 77 219	GW 77 231	GW 77 243	GW 77 234		GW 77 251			GW 76 261
0.5	GW 77 202	GW 77 214	GW 77 208	GW 77 220	GW 76 241	GW 77 244	GW 76 246	GW 77 238	GW 77 252	GW 77 259		
0.75	GW 77 203	GW 77 215	GW 77 209	GW 77 221	GW 77 232	GW 77 245	GW 77 235	GW 77 239	GW 77 253	GW 77 260		
1	GW 77 204	GW 77 216	GW 77 210	GW 77 222	GW 76 242	GW 77 246	GW 76 247	GW 77 240	GW 77 254	GW 77 261		
1.5	GW 77 205	GW 77 217	GW 77 211	GW 77 223	GW 76 243	GW 77 247	GW 76 248	GW 77 241	GW 77 255	GW 77 262		
2.5	GW 77 206	GW 77 218	GW 77 212	GW 77 224	GW 76 244	GW 77 248	GW 76 249	GW 77 242	GW 77 256	GW 77 263	GW 77 272	GW 77 276
3					GW 77 233	GW 77 249	GW 77 237		GW 77 257			
4					GW 76 245	GW 77 250	GW 76 250		GW 77 258		GW 77 273	GW 77 277
6											GW 77 274	GW 77 278

OTHER ACCESSORIES										
DIN RAIL SUPPORT	CRIMPING TOOL	CODING PINS			CODING CAP	CODING PIN		IDENTIFICATION PLATE	COUPLING SCREWS	
		SIMPLE	FEMALE	MALE		10A	16A		FEMALE	MALE
GW 76 836	GW 76 879	GW 76 874	GW 76 876	GW 76 875	GW 76 881	GW 76 882	GW 76 883	GW 76 880	GW 76 877	GW 76 878

THREADING	CABLE GLANDS				OTHER ACCESSORIES					
	PLASTIC IP 65	PLASTIC IP 68*	METAL IP 65	METAL IP 68	REVOLVING FITTINGS IP 65	EXPANDERS IP65	REDUCERS IP65	CLOSING CAPS IP65	THREADED COUPLING DEVICES	FIXING NUTS
PG11	GW 76 837	GW 52 003	GW 76 841	GW 76 825	DX 54 412	GW 76 865		GW 76 980		GW 76 957
PG13.5		GW 52 004	GW 76 842	GW 76 826	DX 54 416	GW 76 866	GW 78 811	GW 76 981		GW 76 958
PG16		GW 52 005	GW 76 843	GW 76 827	DX 54 417	GW 76 867	GW 78 812	GW 76 982	GW 78 831	GW 76 959
PG21		GW 52 006	GW 76 844	GW 76 828	DX 54 420	GW 76 868	GW 78 813	GW 76 983	GW 78 832	GW 76 960
PG29		GW 52 007	GW 76 845	GW 76 829	DX 54 425	GW 76 869	GW 78 814	GW 76 984	GW 78 833	GW 76 961
PG36		GW 52 008	GW 76 846	GW 76 830	DX 54 432		GW 78 815	GW 76 985	GW 78 834	GW 76 962
PG42		GW 52 009	GW 76 847	GW 76 897			GW 78 816	GW 76 986	GW 78 835	GW 76 963
PG48							GW 78 817			
M16				GW 76 896						GW 76 951
M20	GW 76 839	GW 52 044	GW 76 848	GW 76 831	DX 54 016	GW 76 870		GW 76 975	GW 78 836	GW 76 952
M25		GW 52 045	GW 76 849	GW 76 832	DX 54 020	GW 76 871	GW 78 818	GW 76 976	GW 78 837	GW 76 953
M32		GW 52 046	GW 76 850	GW 76 833	DX 54 025	GW 76 872	GW 78 819	GW 76 977	GW 78 838	GW 76 954
M40		GW 52 047	GW 76 851	GW 76 834	DX 54 032	GW 76 873	GW 78 820	GW 76 978	GW 78 839	GW 76 955
M50		GW 52 048	GW 76 852	GW 76 835	DX 54 040		GW 78 821	GW 76 979	GW 78 840	GW 76 956

* PG pitch with IP 66 degree of protection

DIE-CAST ALUMINIUM JUNCTION BOXES

DIMENSIONS L x H x D (mm)	PAINTED	NON-PAINTED	ATEX	BACK-MOUNTING PLATES
91 x 91 x 54	GW 76 261	GW 76 281	GW 76 291	
128 x 103 x 57	GW 76 262	GW 76 282	GW 76 292	GW 76 272
155 x 130 x 58	GW 76 263	GW 76 283	GW 76 293	GW 76 273
178 x 156 x 75	GW 76 264	GW 76 284	GW 76 294	GW 76 274
239 x 202 x 85	GW 76 265	GW 76 285	GW 76 295	GW 76 275
294 x 244 x 114	GW 76 266	GW 76 286	GW 76 296	GW 76 276
392 x 298 x 144	GW 76 267	GW 76 287		GW 76 277

GW-A INSERTS

21x21, SIZE 3A, 3P+E, 10A, 230-400V/4kV/3

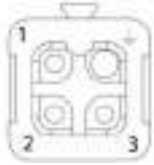
GW76001



FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 001	3P+E	Grey	10/50
GW 76 021	3P+E	Black	10/50

DATA SHEET



NOTES: Screw terminal without wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)

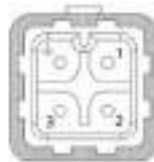
GW76101



MALE SCREW CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 101	3P+E	Grey	10/50
GW 76 121	3P+E	Black	10/50

DATA SHEET



NOTES: Screw terminal without wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)

21x21, Size 3A, 4P+E, 10A, 230-400V/4kV/3

GW76002



FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 002	4P+E	Grey	10/50
GW 76 023	4P+E	Black	10/50

DATA SHEET



NOTES: Screw terminal without wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)

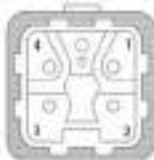
GW76102



MALE SCREW CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 102	4P+E	Grey	10/50
GW 76 123	4P+E	Black	10/50

DATA SHEET



NOTES: Screw terminal without wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)

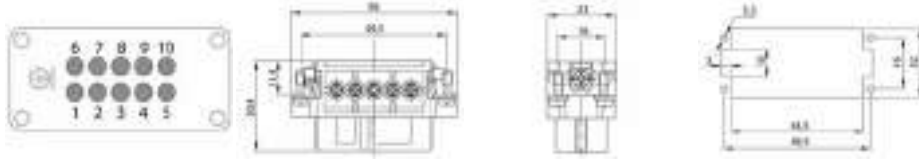
49x16, SIZE 10A, 10P+E, 16A, 250V/4kV/3

GW76047



FEMALE SCREW CONNECTION			
Code	No. of poles	Tightening	Pack Carton
GW 76 047	10P+E	With plate	1/10
GW 76 048	10P+E	Without plate	1/10

DATA SHEET



Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

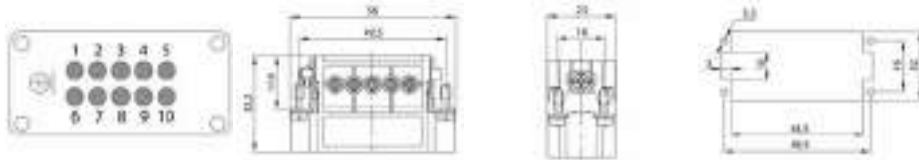
NOTES: Silver-plated contacts with cross/slot screws.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

GW76147



MALE SCREW CONNECTION			
Code	No. of poles	Tightening	Pack Carton
GW 76 147	10P+E	With plate	1/10
GW 76 148	10P+E	Without plate	1/10

DATA SHEET



Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with cross/slot screws.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

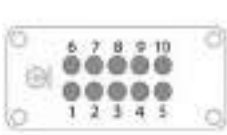
GW76049



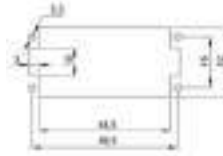
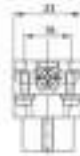
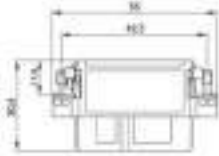
FEMALE CRIMP CONNECTION

Code	No. of poles	Pack Carton
GW 76 049	10P+E	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A female crimp contacts, 16 pieces - to be ordered separately.

GW76149



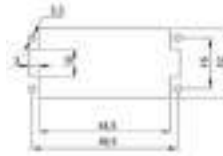
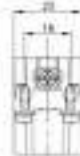
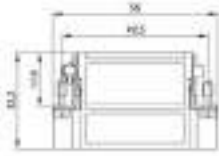
MALE CRIMP CONNECTION

Code	No. of poles	Pack Carton
GW 76 149	10P+E	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A male crimp contacts, 16 pieces - to be ordered separately.

66x16, SIZE 16A, 16P+E, 16A, 250V/4kV/3

GW76088



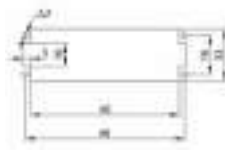
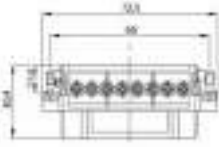
FEMALE SCREW CONNECTION

Code	No. of poles	Tightening	Pack Carton
GW 76 088	16P+E	With plate	1/10
GW 76 089	16P+E	Without plate	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with cross/slot screws.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

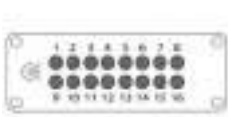
GW76188



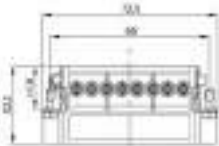
MALE SCREW CONNECTION

Code	No. of poles	Tightening	Pack Carton
GW 76 188	16P+E	With plate	1/10
GW 76 189	16P+E	Without plate	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with cross/slot screws.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

GW76090



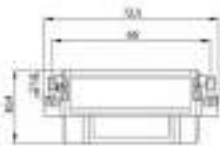
FEMALE CRIMP CONNECTION

Code	No. of poles	Pack Carton
GW 76 090	16P+E	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A female crimp contacts, 16 pieces - to be ordered separately.

GW76190



MALE CRIMP CONNECTION

Code	No. of poles	Pack Carton
GW 76 190	16P+E	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A male crimp contacts, 16 pieces - to be ordered separately.

66x40, SIZE 32A, 32P+E, 16A, 250V/4kV/3

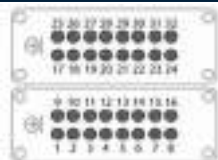
GW76088



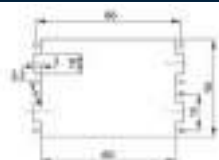
FEMALE SCREW CONNECTION

Code	No. of poles	Tightening	Numbering	Pack Carton
GW 76 088	16P+E	With plate	1-16	1/10
GW 76 092	32P+E	With plate	17-32	1/10
GW 76 089	16P+E	Without plate	1-16	1/10
GW 76 093	32P+E	Without plate	17-32	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: with female inserts 1-16 and male inserts 17-32, in compliance with EUROMAP 12 recommendations. Silver-plated contacts with cross/slot screws.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections: 0.5 - 4mm² (20-12 AWG) - for bush terminals

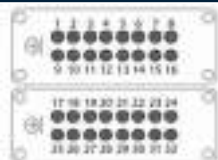
GW76188



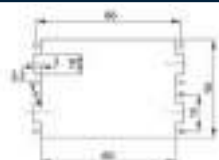
MALE SCREW CONNECTION

Code	No. of poles	Tightening	Numbering	Pack Carton
GW 76 188	16P+E	With plate	1-16	1/10
GW 76 192	32P+E	With plate	17-32	1/10
GW 76 189	16P+E	Without plate	1-16	1/10
GW 76 193	32P+E	Without plate	17-32	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: with male inserts 1-16 and female inserts 17-32, in compliance with EUROMAP 12 recommendations. Silver-plated contacts with cross/slot screws.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections: 0.5 - 4mm² (20-12 AWG) - for bush terminals

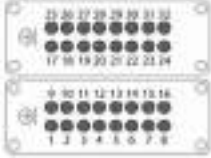
GW76090



FEMALE CRIMP CONNECTION

Code	No. of poles	Numbering	Pack Carton
GW 76 090	16P+E	1-16	1/10
GW 76 094	32P+E	17-32	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: With female inserts 1-16 and male inserts 17-32, in compliance with EUROMAP 12 recommendations. 16A female crimp contacts, 32 pieces - to be ordered separately.

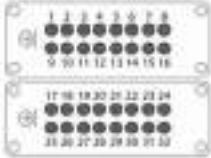
GW76190



MALE CRIMP CONNECTION

Code	No. of poles	Numbering	Pack Carton
GW 76 190	16P+E	17-32	1/10
GW 76 194	32P+E	17-32	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: With female inserts 1-16 and male inserts 17-32, in compliance with EUROMAP 12 recommendations. 16A male crimp contacts, 32 pieces - to be ordered separately.

GW-D INSERTS

21x21, SIZE 3A, 7P+E, 10A, 250V/4kV/3

GW76025



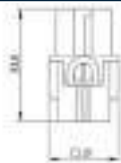
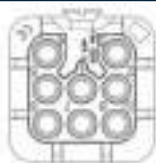
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 025	7P+E	Grey	10/50
GW 76 026	7P+E	Black	10/50

DATA SHEET



Contact arrangement
View from termination side



NOTES: 10A female crimp contacts, 8 pieces - to be ordered separately

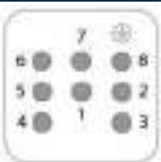
GW76125



MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 125	7P+E	Grey	10/50
GW 76 126	7P+E	Black	10/50

DATA SHEET



Contact arrangement
View from termination side



NOTES: 10A male crimp contacts, 8 pieces - to be ordered separately

21x21, SIZE 3A, 8P, 10A, 50V/0.8kV/3

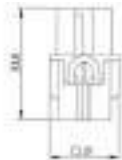
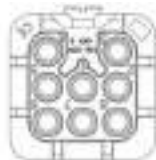
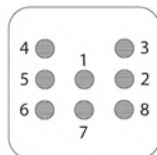
GW76027



FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 027	8P	Grey	10/50

DATA SHEET



Contact arrangement
View from termination side

NOTES: 10A female crimp contacts, 8 pieces - to be ordered separately

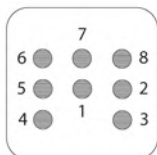
GW76127



MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 127	8P	Grey	10/50

DATA SHEET



Contact arrangement
View from termination side

NOTES: 10A male crimp contacts, 8 pieces - to be ordered separately

GW CONNECT RANGE

MULTIPOLAR CONNECTORS

49x16, SIZE 10A, 15P+E, 10A, 250V/4kV/3

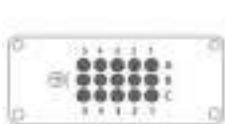
GW76046



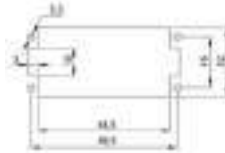
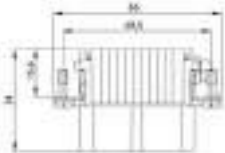
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 046	15P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A female crimp contacts, 15 pieces - to be ordered separately

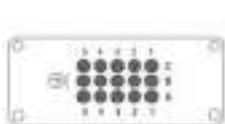
GW76146



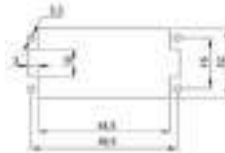
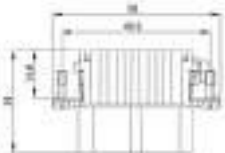
MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 146	15P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A male crimp contacts, 15 pieces - to be ordered separately

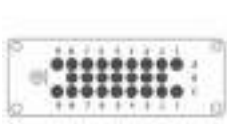
66x16, SIZE 16A, 25P+E, 10A, 250V/4kV/3

GW76086

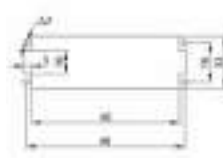
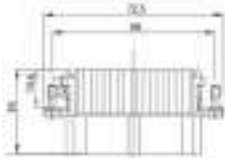


FEMALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 76 086	25P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

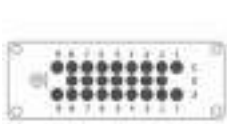
NOTES: 10A female crimp contacts, 25 pieces - to be ordered separately

GW76186

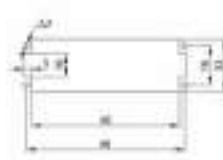
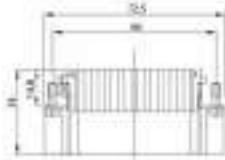


MALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 76 186	25P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A male crimp contacts, 25 pieces - to be ordered separately

GW CONNECT RANGE

MULTIPOLAR CONNECTORS

77x27, SIZE 16B, 40P+E, 10A, 250V/4kV/3

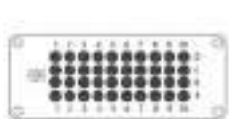
GW77001



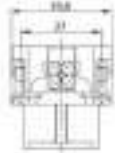
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 001	40P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A female crimp contacts, 40 pieces - to be ordered separately

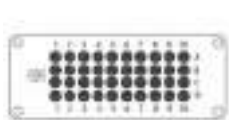
GW77101



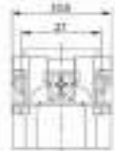
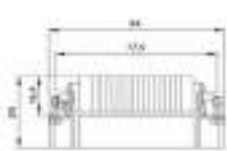
MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 101	40P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A male crimp contacts, 40 pieces - to be ordered separately

66x40, SIZE 32A, 50P+E, 10A, 250V/4kV/3

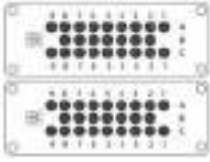
GW76086



FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Quantity	Pack Carton
GW 76 086	25P+E	Grey	x2	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: with 1 female insert + 1 male insert, in compliance with EUROMAP 67 and 71 recommendations. 10A female crimp contacts, 50 pieces - to be ordered separately

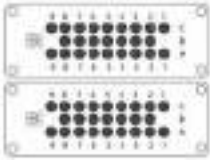
GW76186



MALE CRIMP CONNECTION

Code	No. of poles	Colour	Quantity	Pack Carton
GW 76 186	25P+E	Grey	x2	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: with 1 male insert + 1 female insert, in compliance with EUROMAP 67 and 71 recommendations. 10A male crimp contacts, 50 pieces - to be ordered separately

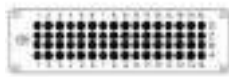
104x27, SIZE 24B, 64P+E, 10A, 250V/4kV/3

GW77031

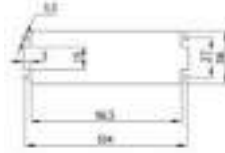
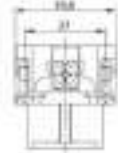


FEMALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 77 031	64P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

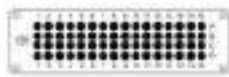
NOTES: 10A female crimp contacts, 64 pieces - to be ordered separately

GW77131

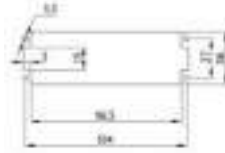
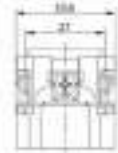


MALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 77 131	64P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A male crimp contacts, 64 pieces - to be ordered separately

77x62, SIZE 32B, 80P+E, 10A, 250V/4kV/3

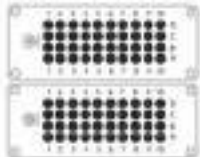
GW77001



FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Quantity	Pack Carton
GW 77 001	40P+E	Grey	x2	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A female crimp contacts, 80 pieces - to be ordered separately

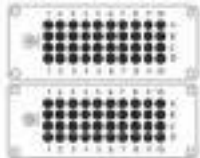
GW77101



MALE CRIMP CONNECTION

Code	No. of poles	Colour	Quantity	Pack Carton
GW 77 101	40P+E	Grey	x2	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A male crimp contacts, 80 pieces - to be ordered separately

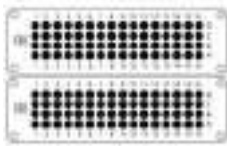
104x62, SIZE 48B, 128P+E, 10A, 250V/4kV/3

GW77031



FEMALE CRIMP CONNECTION				
Code	No. of poles	Colour	Quantity	Pack Carton
GW 77 031	64P+E	Grey	x2	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

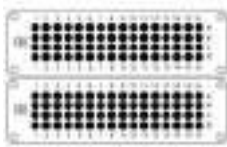
NOTES: 10A female crimp contacts, 128 pieces - to be ordered separately

GW77131



MALE CRIMP CONNECTION				
Code	No. of poles	Colour	Quantity	Pack Carton
GW 77 131	64P+E	Grey	x2	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A male crimp contacts, 128 pieces - to be ordered separately

GW-DD INSERTS

44x27, SIZE 6B, 24P+E, 10A, 250V/4kV/3

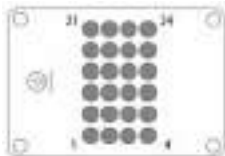
GW76051



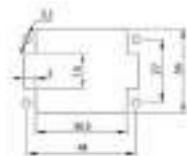
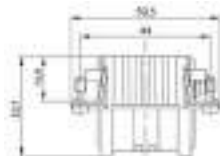
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 051	24P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A female crimp contacts, 24 pieces - to be ordered separately

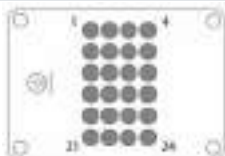
GW76151



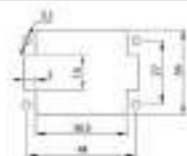
MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 151	24P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A male crimp contacts, 24 pieces - to be ordered separately

GW CONNECT RANGE

MULTIPOLAR CONNECTORS

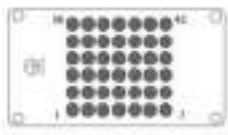
57x27, SIZE 10B, 42P+E, 10A, 250V/4kV/3

GW76071

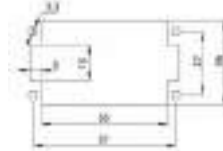


FEMALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 76 071	42P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

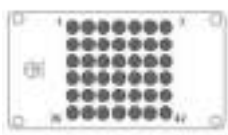
NOTES: 10A female crimp contacts, 42 pieces - to be ordered separately

GW76171

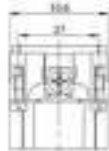
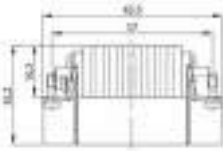


MALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 76 171	42P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A male crimp contacts, 42 pieces - to be ordered separately

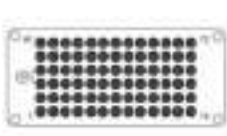
77x27, SIZE 16B, 72P+E, 10A, 250V/4kV/3

GW77010

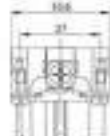


FEMALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 77 010	72P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

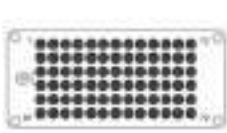
NOTES: 10A female crimp contacts, 72 pieces - to be ordered separately

GW77110

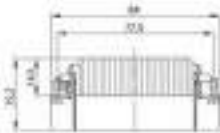


MALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 77 110	72P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A male crimp contacts, 72 pieces - to be ordered separately

GW CONNECT RANGE

MULTIPOLAR CONNECTORS

104x27, SIZE 24B, 108P+E, 10A, 250V/4kV/3

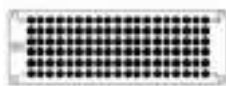
GW77032



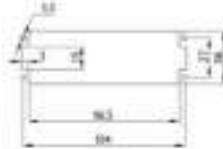
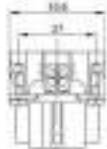
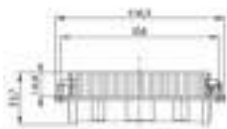
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 032	108P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A female crimp contacts, 108 pieces - to be ordered separately

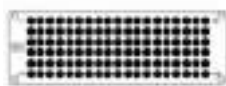
GW77132



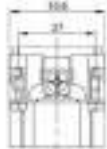
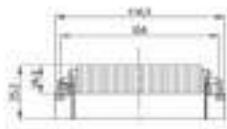
MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 132	108P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A male crimp contacts, 108 pieces - to be ordered separately

77x62, SIZE 32B, 144P+E, 10A, 250V/4kV/3

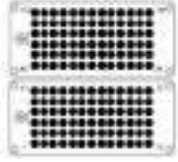
GW77010



FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 010	72P+E	Grey	1-72	1/10
GW 77 051	144P+E	Grey	73-144	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A female crimp contacts, 144 pieces - to be ordered separately

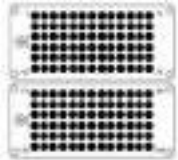
GW77110



MALE CRIMP CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 110	72P+E	Grey	1-72	1/10
GW 77 151	144P+E	Grey	73-144	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A male crimp contacts, 144 pieces - to be ordered separately

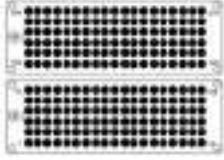
104x62, SIZE 48B, 216P+E, 10A, 250V/4kV/3

GW77032



FEMALE CRIMP CONNECTION				
Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 032	108P+E	Grey	1-108	1/10
GW 77 062	216P+E	Grey	109-216	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

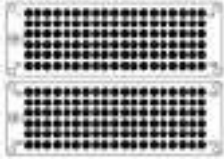
NOTES: 10A female crimp contacts, 216 pieces - to be ordered separately

GW77132



MALE CRIMP CONNECTION				
Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 132	108P+E	Grey	1-108	1/10
GW 77 162	216P+E	Grey	109-216	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 10A male crimp contacts, 216 pieces - to be ordered separately

GW-E INSERTS

44x27, SIZE 6B, 6P+E, 16A, 500V/6kV/3

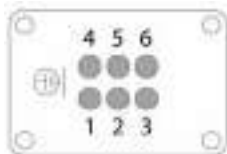
GW76003



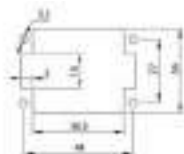
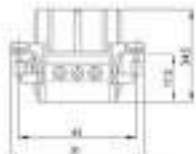
FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 003	6P+E	Grey	With plate	1/50
GW 76 052	6P+E	Grey	Without plate	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

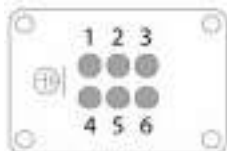
GW76103



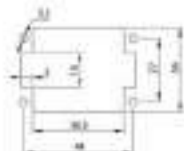
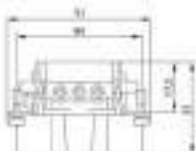
MALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 103	6P+E	Grey	With plate	1/50
GW 76 152	6P+E	Grey	Without plate	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

GW CONNECT RANGE

MULTIPOLAR CONNECTORS

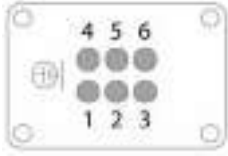
GW76061



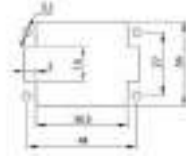
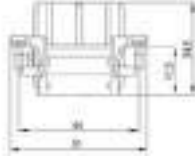
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 061	6P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A female crimp contacts, 6 pieces - to be ordered separately

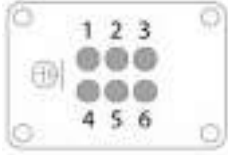
GW76161



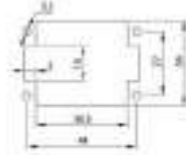
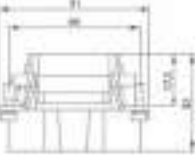
MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 161	6P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

57x27, SIZE 10B, 10P+E, 16A, 500V/6kV/3

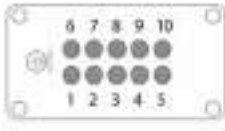
GW76004



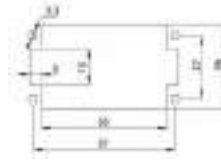
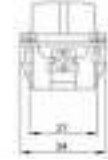
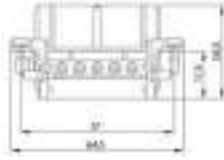
FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 004	10P+E	Grey	With plate	1/50
GW 76 072	10P+E	Grey	Without plate	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

GW76104



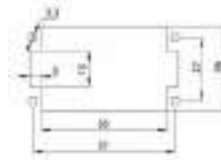
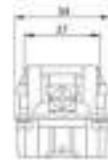
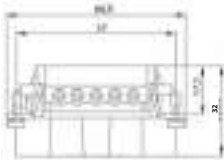
MALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 104	10P+E	Grey	With plate	1/50
GW 76 172	10P+E	Grey	Without plate	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

GW CONNECT RANGE

MULTIPOLAR CONNECTORS

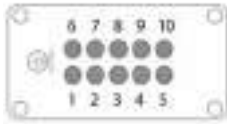
GW76062



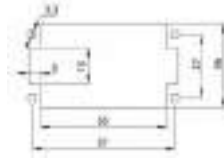
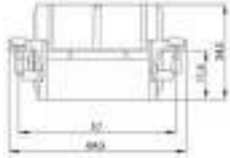
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 062	10P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A female crimp contacts, 10 pieces - to be ordered separately

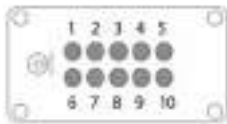
GW76162



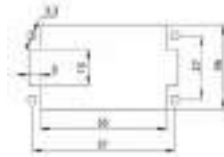
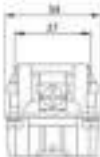
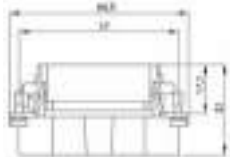
MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 162	10P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

77x27, SIZE 16B, 16P+E, 16A, 500V/6kV/3

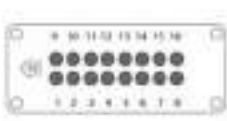
GW76005



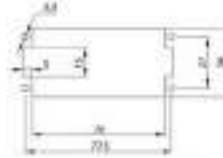
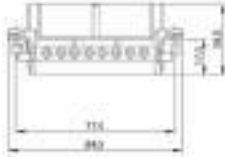
FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 005	16P+E	Grey	With plate	1/50
GW 77 011	16P+E	Grey	Without plate	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

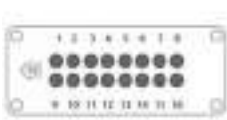
GW76105



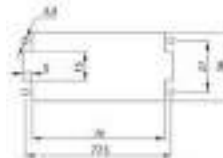
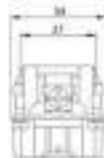
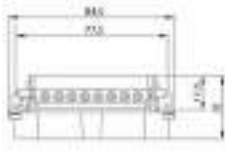
MALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 105	16P+E	Grey	With plate	1/50
GW 77 111	16P+E	Grey	Without plate	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

GW CONNECT RANGE

MULTIPOLAR CONNECTORS

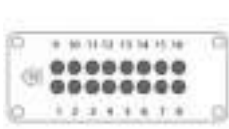
GW76063



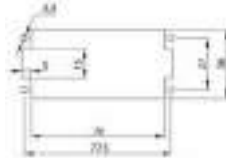
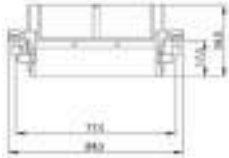
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 063	16P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A female crimp contacts, 16 pieces - to be ordered separately

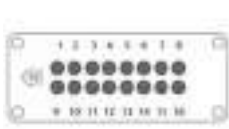
GW76163



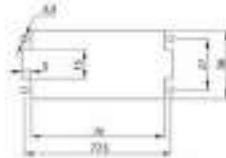
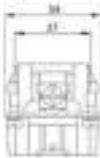
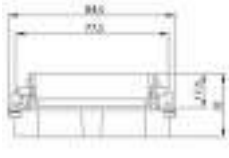
MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 163	16P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

104x27, Size 24B, 24P+E, 16A, 500V/6kV/3

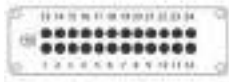
GW76007



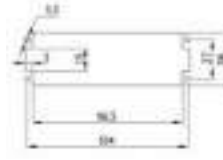
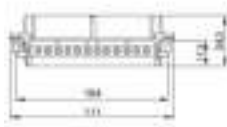
FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 007	24P+E	Grey	With plate	1/25
GW 77 033	24P+E	Grey	Without plate	1/25

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

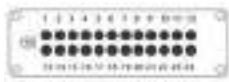
GW76107



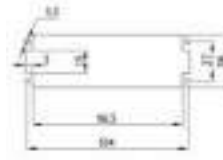
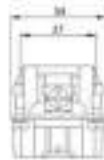
MALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 107	24P+E	Grey	With plate	1/25
GW 77 133	24P+E	Grey	Without plate	1/25

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

GW CONNECT RANGE

MULTIPOLAR CONNECTORS

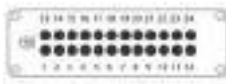
GW76065



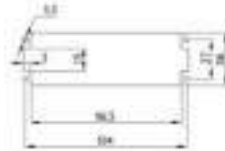
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 065	24P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A female crimp contacts, 24 pieces - to be ordered separately

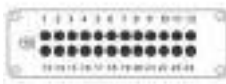
GW76165



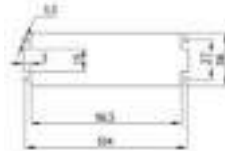
MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 165	24P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A male crimp contacts, 24 pieces (S type) - to be ordered separately

77x62, SIZE 32B, 32P+E, 16A, 500V/6kV/3

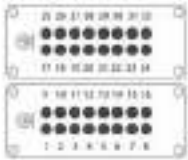
GW7605



FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Numbering	Pack Carton
GW 76 005	16P+E	Grey	With plate	1-16	1/50
GW 76 006	32P+E	Grey	With plate	17-32	1/50
GW 77 011	16P+E	Grey	Without plate	1-16	1/50
GW 77 052	32P+E	Grey	Without plate	17-32	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

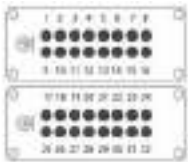
GW76105



MALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Numbering	Pack Carton
GW 76 105	16P+E	Grey	With plate	1-16	1/50
GW 76 106	32P+E	Grey	With plate	17-32	1/50
GW 77 111	16P+E	Grey	Without plate	1-16	1/50
GW 77 152	32P+E	Grey	Without plate	17-32	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

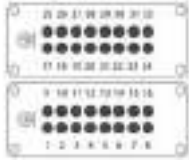
GW76063



FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 76 063	16P+E	Grey	1-16	1/10
GW 76 064	32P+E	Grey	17-32	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A female crimp contacts, 32 pieces - to be ordered separately

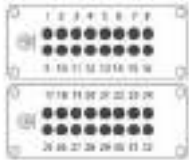
GW76163



MALE CRIMP CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 76 163	16P+E	Grey	1-16	1/10
GW 76 164	32P+E	Grey	17-32	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A male crimp contacts, 32 pieces - to be ordered separately.

104x62, SIZE 48B, 48P+E, 16A, 500V/6kV/3

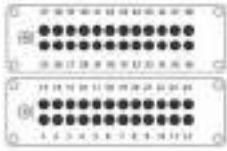
GW76007



FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Numbering	Pack Carton
GW 76 007	24P+E	Grey	With plate	1-24	1/25
GW 76 008	48P+E	Grey	With plate	25-48	1/25
GW 77 033	24P+E	Grey	Without plate	1-24	1/25
GW 77 063	48P+E	Grey	Without plate	25-48	1/25

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

GW76107



MALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Numbering	Pack Carton
GW 76 107	24P+E	Grey	With plate	1-24	1/25
GW 76 108	48P+E	Grey	With plate	25-48	1/25
GW 77 133	24P+E	Grey	Without plate	1-24	1/25
GW 77 163	48P+E	Grey	Without plate	25-48	1/25

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

GW76065



FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 76 065	24P+E	Grey	1-24	1/10
GW 76 066	48P+E	Grey	25-48	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A female crimp contacts, 48 pieces - to be ordered separately

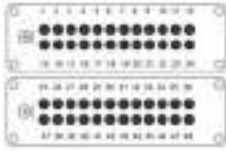
GW76165



MALE CRIMP CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 76 165	24P+E	Grey	1-24	1/10
GW 76 166	48P+E	Grey	25-48	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A male crimp contacts, 48 pieces - to be ordered separately.

GW-EE INSERTS

44x27, Size 6B, 10P+E, 16A, 500V/6kV/3

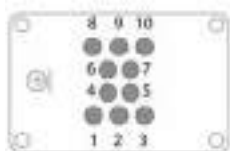
GW76057



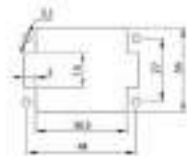
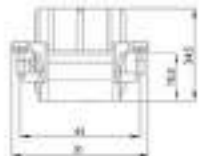
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 057	10P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A female crimp contacts, 10 pieces - to be ordered separately

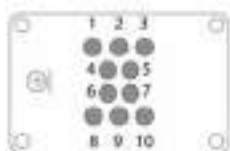
GW76157



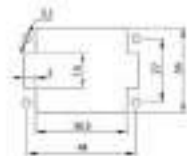
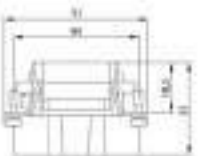
MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 157	10P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

GW CONNECT RANGE

MULTIPOLAR CONNECTORS

57x27, SIZE 10B, 18P+E, 16A, 500V/6kV/3

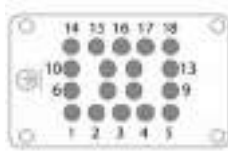
GW76077



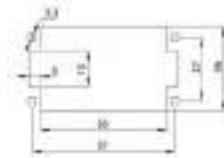
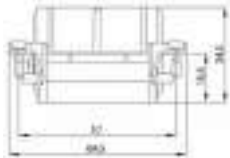
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 077	18P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A female crimp contacts, 18 pieces - to be ordered separately

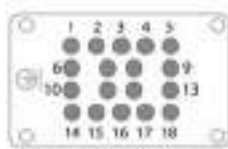
GW76177



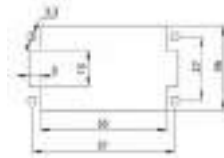
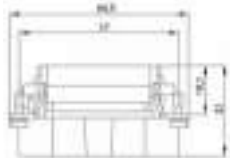
MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 177	18P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A male crimp contacts, 18 pieces - to be ordered separately.

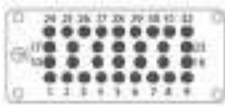
77x27, SIZE 16B, 32P+E, 16A, 500V/6kV/3

GW77016

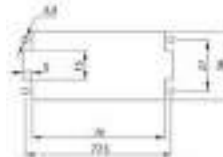


FEMALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 77 016	32P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

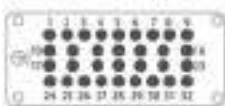
NOTES: 16A female crimp contacts, 32 pieces - to be ordered separately

GW77116

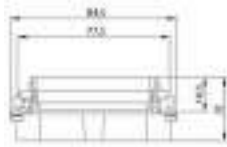


MALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 77 116	32P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A male crimp contacts, 32 pieces - to be ordered separately.

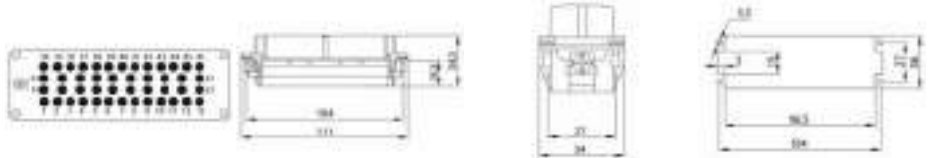
104x27, SIZE 24B, 46P+E, 16A, 500V/6kV/3

GW77038



FEMALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 77 038	46P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

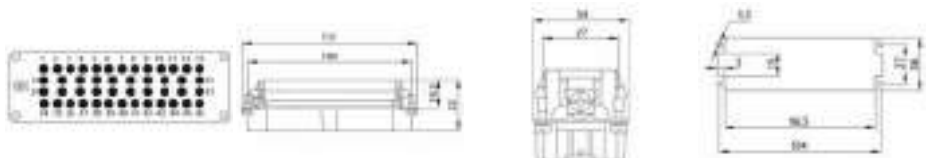
NOTES: 16A female crimp contacts, 46 pieces - to be ordered separately

GW77138



MALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 77 138	46P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: 16A male crimp contacts, 46 pieces - to be ordered separately.

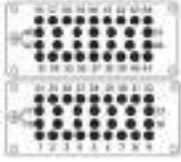
77x62, SIZE 32B, 64P+E, 16A, 500V/6kV/3

GW77016



FEMALE CRIMP CONNECTION				
Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 016	32P+E	Grey	1-32	1/10
GW 77 055	64P+E	Grey	33-64	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

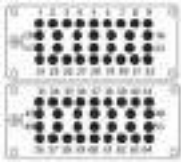
NOTES: 16A female crimp contacts, 64 pieces - to be ordered separately

GW77116



MALE CRIMP CONNECTION				
Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 116	32P+E	Grey	1-32	1/10
GW 77 155	64P+E	Grey	33-64	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A male crimp contacts, 64 pieces - to be ordered separately.

104x62, SIZE 48B, 92P+E, 16A, 500V/6kV/3

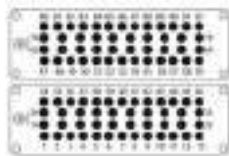
GW77038



FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 038	46P+E	Grey	1-46	1/10
GW 77 066	92P+E	Grey	47-92	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A female crimp contacts, 92 pieces - to be ordered separately

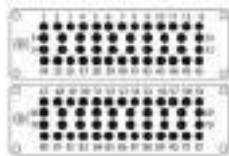
GW77138



MALE CRIMP CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 138	46P+E	Grey	1-46	1/10
GW 77 166	92P+E	Grey	47-92	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 16A male crimp contacts, 92 pieces - to be ordered separately.

GW-ES INSERTS

44x27, SIZE 6B, 6P+E, 16A, 500V/6kV/3

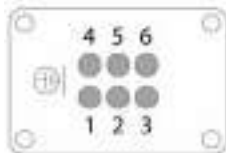
GW76053



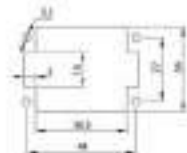
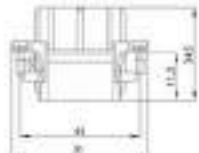
FEMALE SPRING CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 053	6P+E	Grey	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: For solid or stranded wires

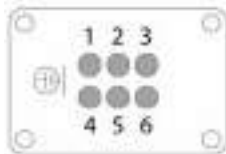
GW76153



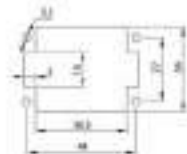
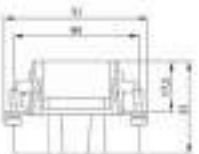
MALE SPRING CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 153	6P+E	Grey	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: For solid or stranded wires

GW CONNECT RANGE

MULTIPOLAR CONNECTORS

57x27, SIZE 10B, 10P+E, 16A, 500V/6kV/3

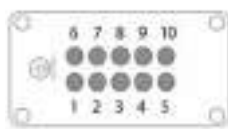
GW76073



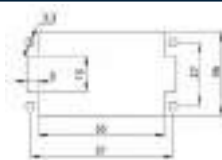
FEMALE SPRING CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 073	10P+E	Grey	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: For solid or stranded wires

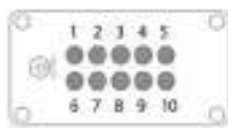
GW76173



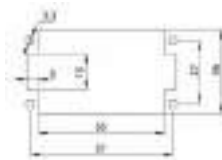
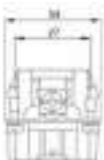
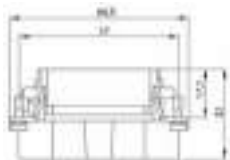
MALE SPRING CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 173	10P+E	Grey	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: For solid or stranded wires

77x27, SIZE 16B, 16P+E, 16A, 500V/6kV/3

GW77012



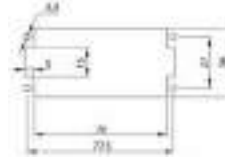
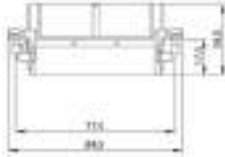
FEMALE SPRING CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 012	16P+E	Grey	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: For solid or stranded wires

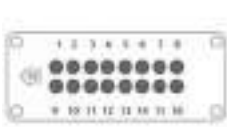
GW77112



MALE SPRING CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 112	16P+E	Grey	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: For solid or stranded wires

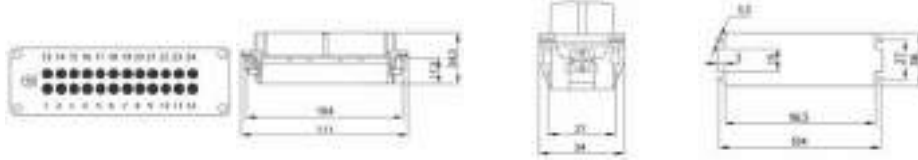
104x27, SIZE 24B, 24P+E, 16A, 500V/6kV/3

GW77034



FEMALE SPRING CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 77 034	24P+E	Grey	1/25

DATA SHEET



Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

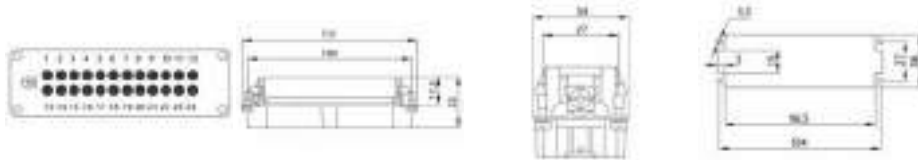
NOTES: For solid or stranded wires

GW77134



MALE SPRING CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 77 134	24P+E	Grey	1/25

DATA SHEET



Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: For solid or stranded wires

77x62, SIZE 32B, 32P+E, 16A, 500V/6kV/3

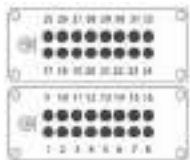
GW77012



FEMALE SPRING CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 012	16P+E	Grey	1-16	1/50
GW 77 053	32P+E	Grey	17-32	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: For solid or stranded wires

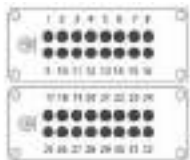
GW77112



MALE SPRING CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 112	16P+E	Grey	1-16	1/50
GW 77 153	32P+E	Grey	17-32	1/50

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: For solid or stranded wires

104x62, SIZE 48B, 48P+E, 16A, 500V/6kV/3

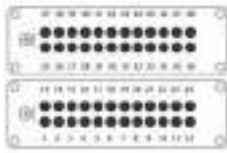
GW77034



FEMALE SPRING CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 034	24P+E	Grey	1-24	1/25
GW 77 064	24P+E	Grey	25-48	1/25

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: For solid or stranded wires

GW77134



MALE SPRING CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 134	24P+E	Grey	1-24	1/25
GW 77 164	24P+E	Grey	25-48	1/25

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: For solid or stranded wires

GW-EAV INSERTS

16A, 500V/6kV/3

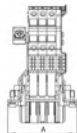
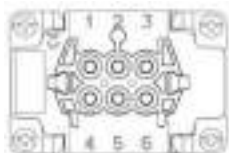
GW76011



FEMALE TERMINAL BLOCK CONNECTION

Code	No. of poles	Colour	Side assembly	A (mm)	Pack Carton
DIMENSIONS: 44x27					
GW 76 011	6P+E	Grey	Left	51.3	1/10
GW 76 012	6P+E	Grey	Right	51.3	1/10
DIMENSIONS: 57x27					
GW 76 013	10P+E	Grey	Left	64.7	1/10
GW 76 014	10P+E	Grey	Right	64.7	1/10
DIMENSIONS: 77x27					
GW 76 015	16P+E	Grey	Left	84.8	1/10
GW 76 016	16P+E	Grey	Right	84.8	1/10
DIMENSIONS: 104x27					
GW 76 017	24P+E	Grey	Left	111.6	1/10
GW 76 018	24P+E	Grey	Right	111.6	1/10

DATA SHEET



NOTES: female inserts: contacts for wires with section 0.2 - 2.5mm² (24-14AWG) - Silver-plated contacts

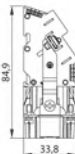
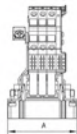
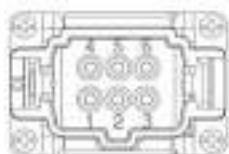
GW76111



MALE TERMINAL CONNECTION

Code	No. of poles	Colour	Side assembly	A (mm)	Pack Carton
DIMENSIONS: 44x27					
GW 76 111	6P+E	Grey	Left	51.3	1/25
GW 76 112	6P+E	Grey	Right	51.3	1/25
DIMENSIONS: 57x27					
GW 76 113	10P+E	Grey	Left	64.7	1/25
GW 76 114	10P+E	Grey	Right	64.7	1/25
DIMENSIONS: 77x27					
GW 76 115	16P+E	Grey	Left	84.8	1/25
GW 76 116	16P+E	Grey	Right	84.8	1/25
DIMENSIONS: 104x27					
GW 76 117	24P+E	Grey	Left	111.6	1/10
GW 76 118	24P+E	Grey	Right	111.6	1/10

DATA SHEET



NOTES: male inserts: contacts for wires with section 0.2 - 2.5mm² (24-14AWG) - Silver-plated contacts

GW-EHV INSERTS

57x27, SIZE 10B, 3+2(AUX)P+E, 16A, 830V/8kV/3

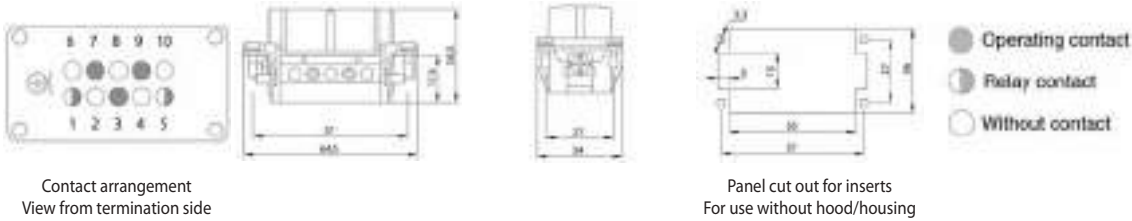
GW76031



FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 031	3+2(AUX)P+E	Grey	With plate	1/10
GW 76 078	3+2(AUX)P+E	Grey	Without plate	1/10

DATA SHEET



Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

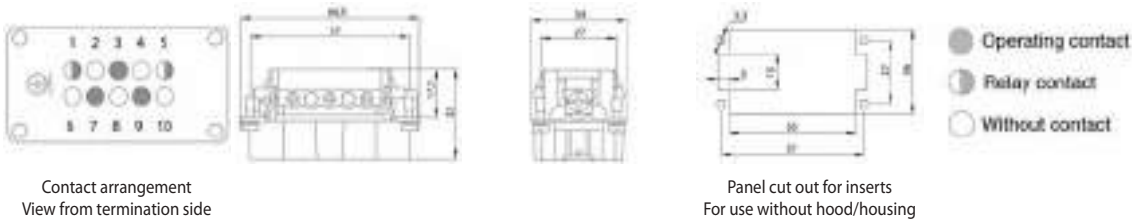
GW76131



MALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 131	3+2(AUX)P+E	Grey	With plate	1/10
GW 76 178	3+2(AUX)P+E	Grey	Without plate	1/10

DATA SHEET



Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

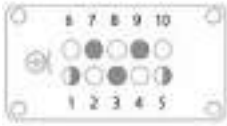
GW76079



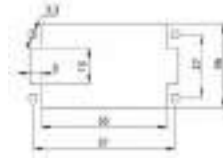
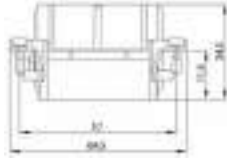
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 079	3+2(AUX)P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: 16A female contacts, 5 pieces - to be ordered separately

GW76179



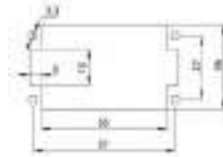
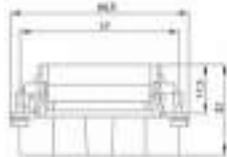
MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 179	3+2(AUX)P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: 16A male contacts, 3 pieces (2 anticipated)- to be ordered separately.

GW CONNECT RANGE

MULTIPOLAR CONNECTORS

77x27, SIZE 16B, 6+2(AUX)P+E, 16A, 830V/8kV/3

GW76032



FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 032	6+2(AUX)P+E	Grey	With plate	1/10
GW 77 017	6+2(AUX)P+E	Grey	Without plate	1/10

DATA SHEET



Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

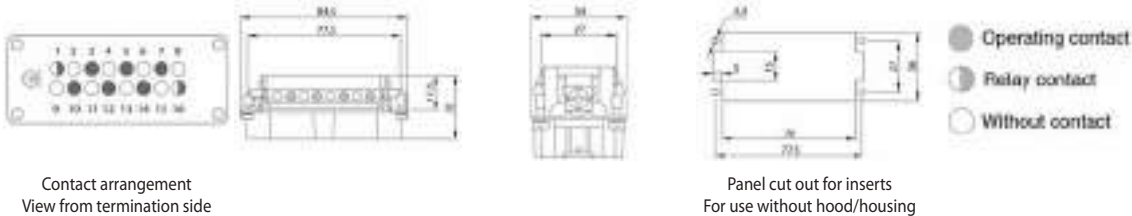
GW76132



MALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 132	6+2(AUX)P+E	Grey	With plate	1/10
GW 77 117	6+2(AUX)P+E	Grey	Without plate	1/10

DATA SHEET



Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

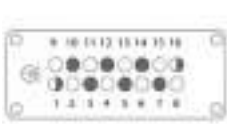
GW77018



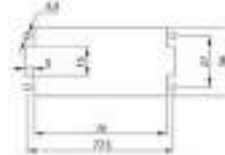
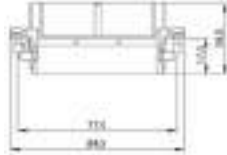
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 018	6+2(AUX)P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: 16A female contacts, 8 pieces - to be ordered separately

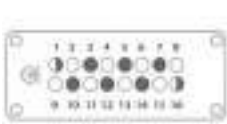
GW77118



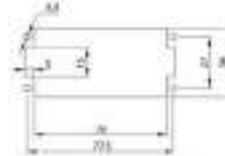
MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 118	6+2(AUX)P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: 16A male contacts, 6 pieces (2 anticipated) - to be ordered separately.

104x27, SIZE 24B, 10+2(AUX)P+E, 16A, 830V/8kV/3

GW76033



FEMALE SCREW CONNECTION				
Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 033	10+2(AUX)P+E	Grey	With plate	1/10
GW 77 039	10+2(AUX)P+E	Grey	Without plate	1/10

DATA SHEET



- Operating contact
- Relay contact
- Without contact

Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

GW76133



MALE SCREW CONNECTION				
Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 133	10+2(AUX)P+E	Grey	With plate	1/10
GW 77 139	10+2(AUX)P+E	Grey	Without plate	1/10

DATA SHEET



- Operating contact
- Relay contact
- Without contact

Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

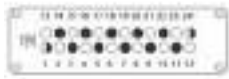
GW77040



FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 040	10+2(AUX)P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: 16A female contacts, 12 pieces - to be ordered separately

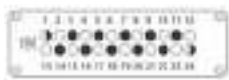
GW77140



MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 140	10+2(AUX)P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: 16A male contacts, 10 pieces (2 anticipated) - to be ordered separately.

77x62, SIZE 32B, 12+4(AUX)P+E, 16A, 830V/8kV/3

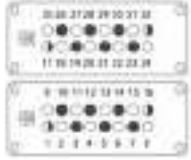
GW76032



FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Numbering	Pack Carton
GW 76 032	6+2(AUX)P+E	Grey	With plate	1-16	1/10
GW 77 056	12+4(AUX)P+E	Grey	With plate	17-32	1/10
GW 77 017	6+2(AUX)P+E	Grey	Without plate	1-16	1/10
GW 77 057	12+4(AUX)P+E	Grey	Without plate	17-32	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

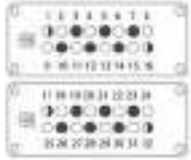
GW76132



MALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Numbering	Pack Carton
GW 76 132	6+2(AUX)P+E	Grey	With plate	1-16	1/10
GW 77 156	12+4(AUX)P+E	Grey	With plate	17-32	1/10
GW 77 117	6+2(AUX)P+E	Grey	Without plate	1-16	1/10
GW 77 157	12+4(AUX)P+E	Grey	Without plate	17-32	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

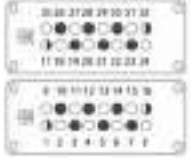
GW77018



FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 018	6+2(AUX)P+E	Grey	1-16	1/10
GW 77 058	12+4(AUX)P+E	Grey	17-32	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: 16A female crimp contacts, 16 pieces - to be ordered separately

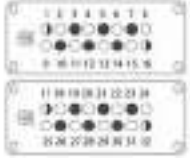
GW77118



MALE CRIMP CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 118	6+2(AUX)P+E	Grey	1-16	1/10
GW 77 158	12+4(AUX)P+E	Grey	17-32	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: 16A male crimp contacts, 12 pieces (4 anticipated) - to be ordered separately.

104x27, SIZE 24B, 16+2(AUX)P+E, 16A, 830V/8kV/3

GW76034



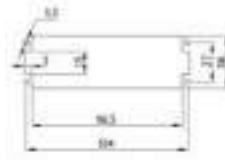
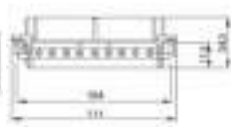
FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 034	16+2(AUX)P+E	Grey	With plate	1/10
GW 77 042	16+2(AUX)P+E	Grey	Without plate	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

GW76134



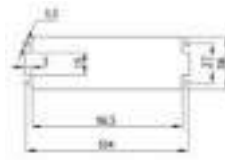
MALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Pack Carton
GW 76 134	16+2(AUX)P+E	Grey	With plate	1/10
GW 77 142	16+2(AUX)P+E	Grey	Without plate	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.
Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)
Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

104x62, Size 48B, 20+4(AUX)P+E, 16A, 830V/8kV/3

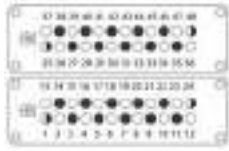
GW76033



FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Numbering	Pack Carton
GW 76 033	10+2(AUX)P+E	Grey	With plate	1-24	1/10
GW 77 067	20+4(AUX)P+E	Grey	With plate	25-48	1/10
GW 77 039	10+2(AUX)P+E	Grey	Without plate	1-24	1/10
GW 77 068	20+4(AUX)P+E	Grey	Without plate	25-48	1/10

DATA SHEET



- Operating contact
- Relay contact
- Without contact

Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.

Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)

Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

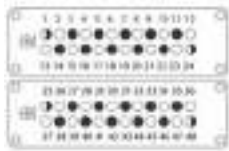
GW76133



MALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Numbering	Pack Carton
GW 76 133	10+2(AUX)P+E	Grey	With plate	1-24	1/10
GW 77 167	20+4(AUX)P+E	Grey	With plate	25-48	1/10
GW 77 139	10+2(AUX)P+E	Grey	Without plate	1-24	1/10
GW 77 168	20+4(AUX)P+E	Grey	Without plate	25-48	1/10

DATA SHEET



- Operating contact
- Relay contact
- Without contact

Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.

Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)

Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

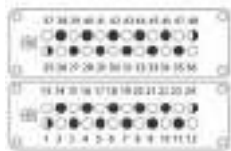
GW77040



FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 040	10+2(AUX)P+E	Grey	1-24	1/10
GW 77 069	20+4(AUX)P+E	Grey	25-48	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: 16A female crimp contacts, 24 pieces - to be ordered separately

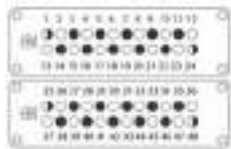
GW77140



MALE CRIMP CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 140	10+2(AUX)P+E	Grey	1-24	1/10
GW 77 169	20+4(AUX)P+E	Grey	25-48	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: 16A male crimp contacts, 20 pieces (4 anticipated) - to be ordered separately.

104x62, Size 48B, 32+4(AUX)P+E, 16A, 830V/8kV/3

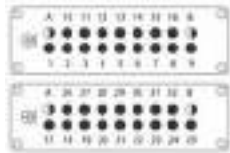
GW76034



FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Numbering	Pack Carton
GW 76 034	16+2(AUX)P+E	Grey	With plate	1-16	1/10
GW 77 071	32+4(AUX)P+E	Grey	With plate	17-32	1/10
GW 77 042	16+2(AUX)P+E	Grey	Without plate	1-16	1/10
GW 77 072	32+4(AUX)P+E	Grey	Without plate	17-32	1/10

DATA SHEET



- Operating contact
- Relay contact
- Without contact

Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.

Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)

Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

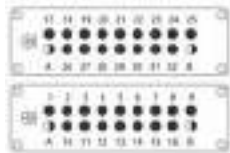
GW76134



MALE SCREW CONNECTION

Code	No. of poles	Colour	Tightening	Numbering	Pack Carton
GW 76 134	16+2(AUX)P+E	Grey	With plate	1-16	1/10
GW 77 171	32+4(AUX)P+E	Grey	With plate	17-32	1/10
GW 77 142	16+2(AUX)P+E	Grey	Without plate	1-16	1/10
GW 77 172	32+4(AUX)P+E	Grey	Without plate	17-32	1/10

DATA SHEET



- Operating contact
- Relay contact
- Without contact

Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: Silver-plated contacts with stainless steel screws with combined cross/slotted head.

Screw terminals with wire protection: for sections 0.5 - 2.5mm² (20-14 AWG)

Screw terminals without wire protection: for sections 0.5 - 4mm² (20-12 AWG) - for bush terminals

GW-ESHV INSERTS

57x27, SIZE 10B, 3+2(AUX)+E, 16A, 830V/8kV/3

GW76080



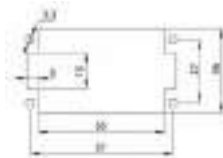
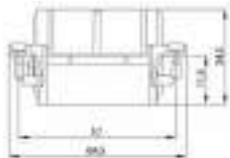
FEMALE SPRING CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 080	3+2(AUX)P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: For solid or stranded wires

GW76180



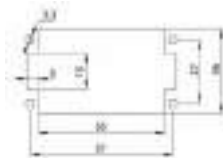
MALE SPRING CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 180	3+2(AUX)P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: For solid or stranded wires

77x27, SIZE 16B, 6+2(AUX)+E, 16A, 830V/8kV/3

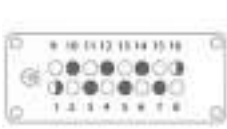
GW77019



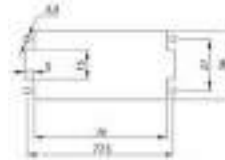
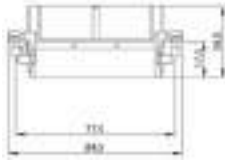
FEMALE SPRING CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 019	6+2(AUX)P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: For solid or stranded wires

GW77119



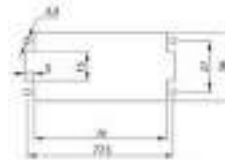
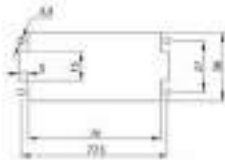
MALE SPRING CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 119	6+2(AUX)P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: For solid or stranded wires

104x27, SIZE 24B, 10+2(AUX)+E, 16A, 830V/8kV/3

GW77041



FEMALE SPRING CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 041	10+2(AUX)P+E	Grey	1/10

DATA SHEET



- Operating contact
- Relay contact
- Without contact

Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: For solid or stranded wires

GW77141



MALE SPRING CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 141	10+2(AUX)P+E	Grey	1/10

DATA SHEET



- Operating contact
- Relay contact
- Without contact

Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: For solid or stranded wires

77x62, SIZE 32B, 12+4(AUX)+E, 16A, 830V/8kV/3

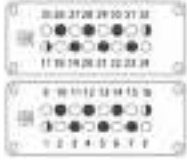
GW77019



FEMALE SPRING CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 019	6+2(AUX)P+E	Grey	1-16	1/10
GW 77 059	12+4(AUX)P+E	Grey	17-32	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: For solid or stranded wires

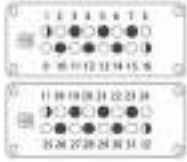
GW77119



MALE SPRING CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 119	6+2(AUX)P+E	Grey	1-16	1/10
GW 77 159	12+4(AUX)P+E	Grey	17-32	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: For solid or stranded wires

104x62, SIZE 48B, 20+4(AUX)+E, 16A, 830V/8kV/3

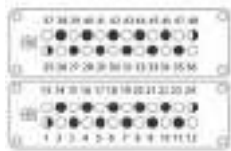
GW77041



FEMALE SPRING CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 041	10+2(AUX)P+E	Grey	1-24	1/10
GW 77 070	20+4(AUX)P+E	Grey	25-48	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: For solid or stranded wires

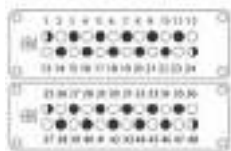
GW77141



MALE SPRING CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 77 141	10+2(AUX)P+E	Grey	1-24	1/10
GW 77 170	20+4(AUX)P+E	Grey	25-48	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

- Operating contact
- Relay contact
- Without contact

NOTES: For solid or stranded wires

GW-HSB INSERTS

77x27, Size 16B, 6P+E, 35A, 830V/6kV/3

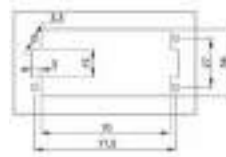
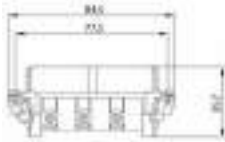
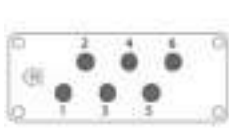
GW76041



FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 041	6P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: With wire protection: for section 0.5 - 6mm² (20-10 AWG)
- STD housings - size 16B «77x27» for applications up to 500V and 830V

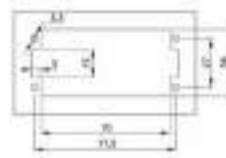
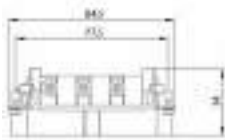
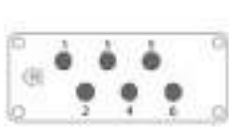
GW76141



MALE SCREW CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 141	6P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side

Panel cut out for inserts
For use without hood/housing

NOTES: With wire protection: for section 0.5 - 6mm² (20-10 AWG)
- STD housings - size 16B «77x27» for applications up to 500V and 830V

77x62, SIZE 32B, 12P+E, 35A, 830V/6kV/3

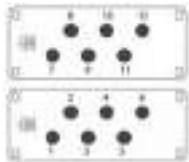
GW76041



FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 76 041	6P+E	Grey	1-6	1/10
GW 76 042	12P+E	Grey	7-12	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: With wire protection: for section 0.5 - 6mm² (20-10 AWG)
STD housings - size 32B «77x62» for applications up to 500V and 830V

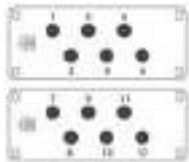
GW76141



MALE SCREW CONNECTION

Code	No. of poles	Colour	Numbering	Pack Carton
GW 76 141	6P+E	Grey	1-6	1/10
GW 76 142	12P+E	Grey	7-12	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: With wire protection: for section 0.5 - 6mm² (20-10 AWG)
STD housings - size 32B «77x62» for applications up to 500V and 830V

GW-K INSERTS

77x27, SIZE 16B, 80-16A, 830V/8kV/3 - 400V/6kV/3

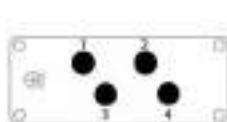
GW77022



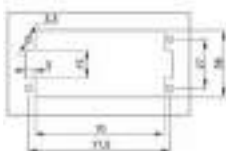
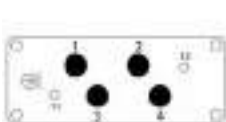
FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 022	4P+E	Grey	1/10
GW 77 023	4P+2P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 80A contacts without wire protection. 16A contacts with wire protection
STD housings - size 16B «77x27» for applications up to 500V and 830V (power contacts)

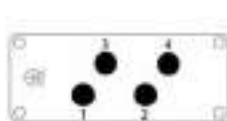
GW77122



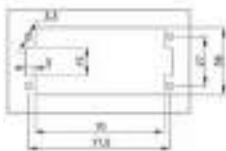
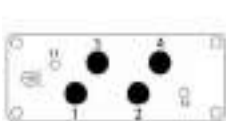
MALE SCREW CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 77 122	4P+E	Grey	1/10
GW 77 123	4P+2P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 80A contacts without wire protection. 16A contacts with wire protection
STD housings - size 16B «77x27» for applications up to 500V and 830V (power contacts)

104x27, SIZE 24B, 4P+8P+E, 80-16A, 500V/6kV/3

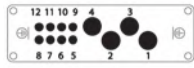
GW76043



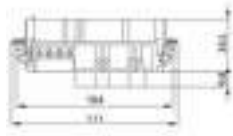
FEMALE SCREW CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 043	4P+8P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 80A contacts without wire protection. 16A contacts with wire protection.

GW76143



MALE SCREW CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 143	4P+8P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



Panel cut out for inserts
For use without hood/housing

NOTES: 80A contacts without wire protection. 16A contacts with wire protection.

GW-Q INSERTS

21x21, SIZE 3A, 5P+E, 16A, 230-400V/4kV/3

GW76029



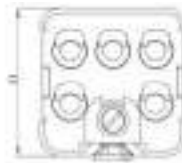
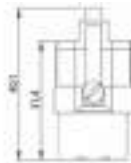
FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 029	5P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



NOTES: 16A female contacts, 5 pieces - to be ordered separately

GW76129



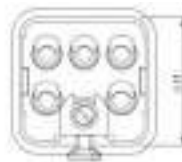
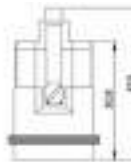
MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 129	5P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side



NOTES: 16A male crimp contacts, 5 pieces - to be ordered separately

21x21, SIZE 3A, 12P+E, 10A, 230-400V/4kV/3

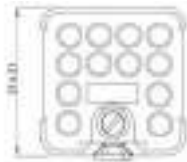
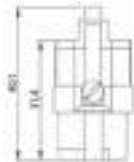
GW76028



FEMALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 028	12P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side

NOTES: Compact design with reduced overall dimensions. 10A female crimp contacts, 12 pieces - to be ordered separately
The use of coding pins prevents the incorrect coupling with other connectors of the same type.

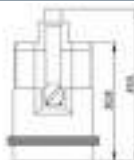
GW76128



MALE CRIMP CONNECTION

Code	No. of poles	Colour	Pack Carton
GW 76 128	12P+E	Grey	1/10

DATA SHEET



Contact arrangement
View from termination side

NOTES: 10A male crimp contacts, 12 pieces - to be ordered separately
The use of coding pins prevents the incorrect coupling with other connectors of the same type.

32x13, 8P+E, 16A, 500V/6kV/3

GW76037



FEMALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 76 037	8P+E	Grey	1/10

DATA SHEET



NOTES: Compact design with reduced overall dimensions. 16A female crimp contacts, 9 pieces - to be ordered separately
The use of coding pins prevents the incorrect coupling with other connectors of the same type. The contact in the male insert corresponding to the position of the coding pin must be omitted.

GW76137



MALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 76 137	8P+E	Grey	1/10

DATA SHEET



NOTES: Compact design with reduced overall dimensions. 16A male crimp contacts, 9 pieces - to be ordered separately

32x13, 4P+2P+E, 40-10A, 400-690V/4kV/3 - 250V/4kV/3

GW76038



FEMALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 76 038	4P+2P+E	Grey	1/10

DATA SHEET



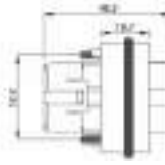
NOTES: Compact design with reduced overall dimensions. 40A female crimp contacts, 4 pieces + 10A, 2 pieces - to be ordered separately

GW76138



MALE CRIMP CONNECTION			
Code	No. of poles	Colour	Pack Carton
GW 76 138	4P+2P+E	Grey	1/10

DATA SHEET



NOTES: Compact design with reduced overall dimensions. 40A male crimp contacts, 4 pieces + 10A, 2 pieces - to be ordered separately

CONTACTS FOR INSERTS

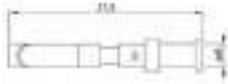
CRIMP CONTACTS 10A

GW77201



FEMALE						
Code	Numbering	Ø A (mm)	Length of stripping (mm)	Cable section (mm ²)	Awg cable section	Pack Carton
SURFACE: SILVER-PLATED						
GW 77 201	1	0,9	8	0,14-0,37	26-22	100/500
GW 77 202	2	1,1	8	0,5	20	100/500
GW 77 203	2	1,3	8	0,75	18	100/500
GW 77 204	3	1,45	8	1	18	100/500
GW 77 205	4	1,75	8	1,5	16	100/500
GW 77 206	5	2,25	6	2,5	14	100/500
SURFACE: GOLD						
GW 77 213	1	0,9	8	0,14-0,37	26-22	100/500
GW 77 214	2	1,1	8	0,5	20	100/500
GW 77 215	2	1,3	8	0,75	18	100/500
GW 77 216	3	1,45	8	1	18	100/500
GW 77 217	4	1,75	8	1,5	16	100/500
GW 77 218	5	2,25	6	2,5	14	100/500

DATA SHEET



GW77207



MALE						
Code	Numbering	Ø A (mm)	Length of stripping (mm)	Cable section (mm ²)	Awg cable section	Pack Carton
SURFACE: SILVER-PLATED						
GW 77 207	1	0,9	8	0,14-0,37	26-22	100/500
GW 77 208	2	1,1	8	0,5	20	100/500
GW 77 209	2	1,3	8	0,75	18	100/500
GW 77 210	3	1,45	8	1	18	100/500
GW 77 211	4	1,75	8	1,5	16	100/500
GW 77 212	5	2,25	6	2,5	14	100/500
SURFACE: GOLD						
GW 77 219	1	0,9	8	0,14-0,37	26-22	100/500
GW 77 220	2	1,1	8	0,5	20	100/500
GW 77 221	2	1,3	8	0,75	18	100/500
GW 77 222	3	1,45	8	1	18	100/500
GW 77 223	4	1,75	8	1,5	16	100/500
GW 77 224	5	2,25	6	2,5	14	100/500

DATA SHEET



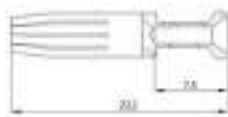
CRIMP CONTACTS 16A

GW77231



FEMALE					
Code	No. of grooves	Length of stripping (mm)	Cable section (mm ²)	Awg cable section	Pack Carton
SURFACE: SILVER-PLATED					
GW 77 231	0	7,5	0,14-0,37	26-22	100/500
GW 76 241	0	7,5	0,5	20	100/500
GW 77 232	1	7,5	0,75	18	100/500
GW 76 242	1	7,5	1	18	100/500
GW 76 243	2	7,5	1,5	16	100/500
GW 76 244	3	7,5	2,5	14	100/500
GW 77 233	1 wide	7,5	3	12	100/500
GW 76 245	0	7,5	4	12	100/500
SURFACE: GOLD					
GW 77 243	0	7,5	0,14-0,37	26-22	100/500
GW 77 244	0	7,5	0,5	20	100/500
GW 77 245	1	7,5	0,75	18	100/500
GW 77 246	1	7,5	1	18	100/500
GW 77 247	2	7,5	1,5	16	100/500
GW 77 248	3	7,5	2,5	14	100/500
GW 77 249	1 wide	7,5	3	12	100/500
GW 77 250	0	7,5	4	12	100/500

DATA SHEET



GW77234



MALE					
Code	No. of grooves	Length of stripping (mm)	Cable section (mm ²)	Awg cable section	Pack Carton
SURFACE: SILVER-PLATED					
GW 77 234	0	7,5	0,14-0,37	26-22	100/500
GW 76 246	0	7,5	0,5	20	100/500
GW 77 235	1	7,5	0,75	18	100/500
GW 76 247	1	7,5	1	18	100/500
GW 76 248	2	7,5	1,5	16	100/500
GW 76 249	3	7,5	2,5	14	100/500
GW 77 237	1 wide	7,5	3	12	100/500
GW 76 250	0	7,5	4	12	100/500
SURFACE: GOLD					
GW 77 251	0	7,5	0,14-0,37	26-22	100/500
GW 77 252	0	7,5	0,5	20	100/500
GW 77 253	1	7,5	0,75	18	100/500
GW 77 254	1	7,5	1	18	100/500
GW 77 255	2	7,5	1,5	16	100/500
GW 77 256	3	7,5	2,5	14	100/500
GW 77 257	1 wide	7,5	3	12	100/500
GW 77 258	0	7,5	4	12	100/500

DATA SHEET



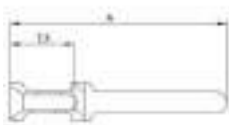
GW77238



RELAY CONTACTS FOR ADVANCED OPENING

Code	No. of grooves	Length of stripping (mm)	Cable section (mm ²)	Awg cable section	Pack Carton
SURFACE: SILVER-PLATED					
GW 77 238	0	7,5	0,5	20	100/500
GW 77 239	1	7,5	0,75	18	100/500
GW 77 240	1	7,5	1	18	100/500
GW 77 241	2	7,5	1,5	16	100/500
GW 77 242	3	7,5	2,5	16	100/500
SURFACE: GOLD					
GW 77 259	0	7,5	0,5	20	100/500
GW 77 260	1	7,5	0,75	18	100/500
GW 77 261	1	7,5	1	18	100/500
GW 77 262	2	7,5	1,5	16	100/500
GW 77 263	3	7,5	2,5	16	100/500

DATA SHEET



CRIMP CONTACTS 40A

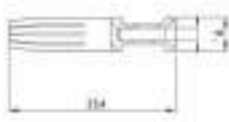
GW77272



FEMALE

Code	Ø	Length of stripping (mm)	Cable section (mm ²)	Awg cable section	Pack Carton
SURFACE: SILVER-PLATED					
GW 77 272	2,25	9	2,5	14	50
GW 77 273	2,85	9,6	4	12	50
GW 77 274	3,5	9,6	6	10	50

DATA SHEET



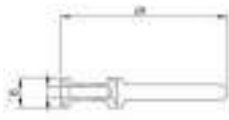
GW77276



MALE

Code	Ø	Length of stripping (mm)	Cable section (mm ²)	Awg cable section	Pack Carton
SURFACE: SILVER-PLATED					
GW 77 276	2,25	9	2,5	14	50
GW 77 277	2,85	9,6	4	12	50
GW 77 278	3,5	9,6	6	10	50

DATA SHEET



INSERT ACCESSORIES

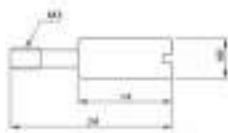
GW76874



SIMPLE CODING PIN

Code	Material	Pack Carton
GW 76 874	Stainless steel	50/500

DATA SHEET



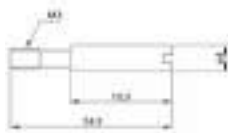
GW76875



DOUBLE MALE CODING PIN

Code	Material	Pack Carton
GW 76 875	Stainless steel	50/500

DATA SHEET



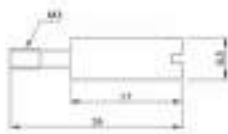
GW76876



DOUBLE FEMALE CODING PIN

Code	Material	Pack Carton
GW 76 876	Stainless steel	50/500

DATA SHEET



GW76881



CODING CAP

Code	Use	Current	Pack Carton
GW 76 881	Female connect. to be crimped	16A	100

NOTE: Tappo di codifica per inserti femmina con contatti a vite 16A (serie GW-A, GW-E, GW-EHV)

GW76882



CODING PIN

Code	Use	For contacts	Current	Pack Carton
GW 76 882	Female screw connection	To be crimped 10A	10A	100
GW 76 883	Female screw connection	To be crimped 16A	16A	100

NOTE: GW76882: pin di codifica per inserti femmina che utilizzano contatti a crimpare da 10A (serie GW-D, GW-DD, GW-Q)

GW76883: pin di codifica per inserti femmina che utilizzano contatti a crimpare da 16A (serie GW-A, GW-E, GW-EE, GW-EHV, GW-Q)

GW76880



CARDS FOR NUMBERING THE CONTACTS

Code	Dimensions	Pack Carton
GW 76 880	10x5 mm	540

NOTE: The identification tags shall be used with the inserts with terminal bloc GW-EAV series. They are supplied in a strip of 45 tags detachable in single contour tag. Material: PC. Color: White. Temperature: -50 + + 120° C. Flammability: UL-90 V0

GW76877



FEMALE COUPLING SCREWS

Code	Description	Pack Carton
GW 76 877	Female	10/100

GW76878



MALE COUPLING SCREWS

Code	Description	Pack Carton
GW 76 878	Male	10/100

GW76836



SUPPORT FOR DIN RAIL

Code	Description	Pack Carton
GW 76 836	For terminal block inserts	10/50

GW76251



CRIMPING HAND TOOL

Code	Description	Pack Carton
GW 76 251	For rounded contacts	1

GW76879



TOOL FOR TRIGGERING CRIMP CONTACTS

Code	Description	Pack Carton
GW 76 879	Diameter 1.6mm	1

HOUSINGS SIZE 21x21

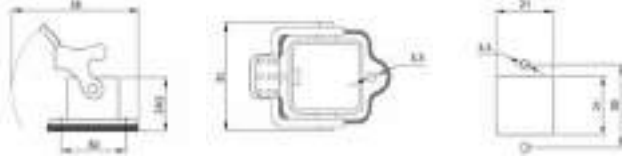
FLUSH-MOUNTING, SINGLE LEVER

GW76202



METAL			
Code	Lever material	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 76 202	Galvanised steel	3A	10/30
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 321	Stainless steel	3A	10/30
APPLICATIONS: EMC			
GW 77 341	Galvanised steel	3A	10/30

DATA SHEET



Panel cut out

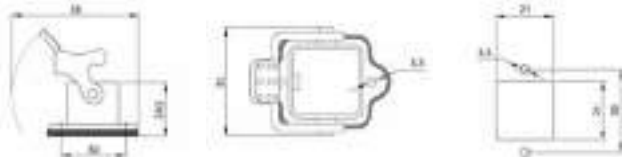
NOTES: STD type: for standard applications
 Harsh environmental (HE): for applications in aggressive environments
 EMC type: for standard applications where electromagnetic compatibility is required
 For inserts of size 3A, GW-A, GW-D, GW-Q range
 Housing with IP65 degree of protection

GW76201



PLASTIC MATERIAL			
Code	Colour	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 76 201	Grey	3A	10/30
GW 77 301	Black	3A	10/30

DATA SHEET



Panel cut out

NOTES: STD type: for standard applications
 Material: Polyamide + glass RAL 9001. Self-extinguishing: UL 94 V0 - GWT 960°. With metric thread M20 or PG11. Housing with IP65 degree of protection

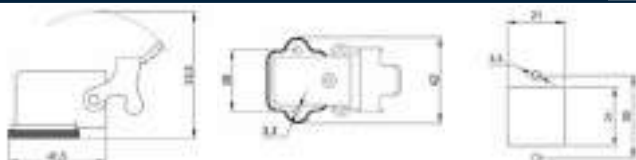
FLUSH-MOUNTING, SINGLE LEVER, ANGLED

GW76204



METAL			
Code	Lever material	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 76 204	Galvanised steel	3A	10/30
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 322	Stainless steel	3A	10/30
APPLICATIONS: EMC			
GW 77 342	Galvanised steel	3A	10/30

DATA SHEET



Panel cut out

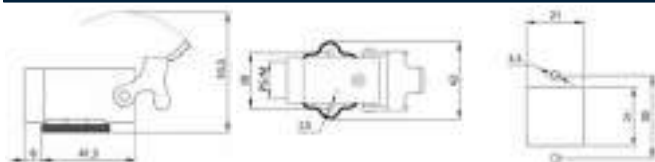
NOTES: STD type: for standard applications
 Harsh environmental (HE): for applications in aggressive environments
 EMC type: for standard applications where electromagnetic compatibility is required
 For inserts of size 3A, GW-A, GW-D, GW-Q range
 Housing with IP65 degree of protection

GW76203



PLASTIC MATERIAL			
Code	Colour	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 76 203	Grey	3A	10/30
GW 77 302	Black	3A	10/30

DATA SHEET



Panel cut out

NOTES: Type: STD for standard applications
 Material: Polyamide + glass RAL 9001. Self-extinguishing: UL 94 V0 - GWT 960°. For inserts of size 3A, GW-A, GW-D, GW-Q range. With metric thread M20 or PG11. Housing with IP65 degree of protection

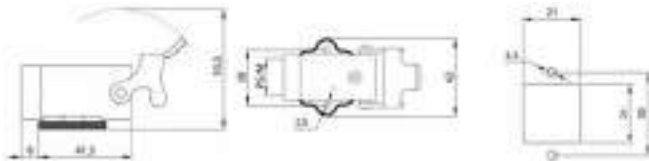
SURFACE-MOUNTING, SINGLE LEVER, SIDE ENTRY

GW76206



METAL				
Code	Type of pitch	Lever material	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 206	PG11	Galvanised steel	3A	10/30
GW 76 226	M20	Galvanised steel	3A	10/30
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 323	PG11	Stainless steel	3A	10/30
GW 77 324	M20	Stainless steel	3A	10/30
APPLICATIONS: EMC				
GW 77 343	PG11	Galvanised steel	3A	10/30
GW 77 344	M20	Galvanised steel	3A	10/30

DATA SHEET



Panel cut out

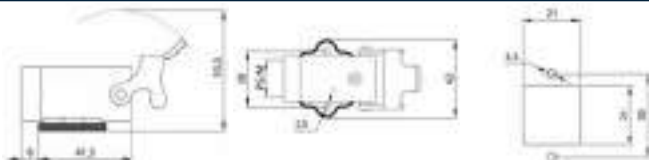
NOTES: STD type: for standard applications
 Harsh environmental (HE): for applications in aggressive environments
 EMC type: for standard applications where electromagnetic compatibility is required
 For inserts of size 3A, GW-A, GW-D, GW-Q range. With metric thread M20 or PG11. Housing with IP65 degree of protection

GW76205



PLASTIC MATERIAL				
Code	Colour	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 205	Grey	PG11	3A	10/30
GW 76 225	Grey	M20	3A	10/30
GW 77 303	Black	PG11	3A	10/30
GW 77 304	Black	M20	3A	10/30

DATA SHEET



Panel cut out

NOTES: STD type: for standard applications
 Material: Polyamide + glass RAL 9001. Self-extinguishing: UL 94 V0 - GWT 960°.

Hoods, 2 PINS, TOP ENTRY

GW76208



METAL				
Code	Type of pitch	Size	Pack Carton	
APPLICATIONS: STANDARD				
GW 76 208	PG11	3A	10/30	
GW 76 228	M20	3A	10/30	
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 325	PG11	3A	10/30	
GW 77 326	M20	3A	10/30	
APPLICATIONS: EMC				
GW 77 345	PG11	3A	10/30	
GW 77 346	M20	3A	10/30	

DATA SHEET



NOTES: STD type: for standard applications
 Harsh environmental (HE): for applications in aggressive environments
 EMC type: for standard applications where electromagnetic compatibility is required
 For inserts of size 3A, GW-A, GW-D, GW-Q range. With metric thread M20 or PG11. Housing with IP65 degree of protection

GW76207



PLASTIC MATERIAL				
Code	Colour	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 207	Grey	PG11	3A	10/30
GW 76 227	Grey	M20	3A	10/30
GW 77 305	Black	PG11	3A	10/30
GW 77 306	Black	M20	3A	10/30

DATA SHEET



NOTES: Type: STD for standard applications
 Material: Polyamide + glass RAL 9001. Self-extinguishing: UL 94 V0 - GWT 960°. For inserts of size 3A, GW-A, GW-D, GW-Q range. With metric thread M20 or PG11. Housing with IP65 degree of protection

HOODS, 2 PINS, SIDE ENTRY

GW76230



METAL				
Code	Type of pitch	Size	Pack Carton	
APPLICATIONS: STANDARD				
GW 76 230	M20	3A	10/30	
GW 76 210	PG11	3A	10/30	
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 330	M20	3A	10/30	
GW 77 329	PG11	3A	10/30	
APPLICATIONS: EMC				
GW 77 350	M20	3A	10/30	
GW 77 349	PG11	3A	10/30	

DATA SHEET



NOTES: STD type: for standard applications
 Harsh environmental (HE): for applications in aggressive environments.
 EMC type: for standard applications where electromagnetic compatibility is required
 For inserts of size 3A, GW-A, GW-D, GW-Q range. With metric thread M20 or PG11. Housing with IP65 degree of protection

GW76229



PLASTIC MATERIAL				
Code	Colour	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 229	Grey	M20	3A	10/30
GW 76 209	Grey	PG11	3A	10/30
GW 77 310	Black	M20	3A	10/30
GW 77 309	Black	PG11	3A	10/30

DATA SHEET



NOTES: Material: Polyamide + glass RAL 9001. Self-extinguishing: UL 94 V0 - GWT 960°. For inserts of size 3A, GW-A, GW-D, GW-Q range. With metric thread M20 or PG11. Housing with IP65 degree of protection

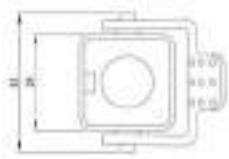
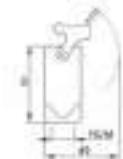
HOODS, SINGLE LEVER, TOP ENTRY

GW76212



METAL				
Code	Type of pitch	Size	Pack	Carton
APPLICATIONS: STANDARD				
GW 76 212	PG11	3A	10/30	10/30
GW 76 232	M20	3A	10/30	10/30
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 327	PG11	3A	10/30	10/30
GW 77 328	M20	3A	10/30	10/30
APPLICATIONS: EMC				
GW 77 347	PG11	3A	10/30	10/30
GW 77 348	M20	3A	10/30	10/30

DATA SHEET



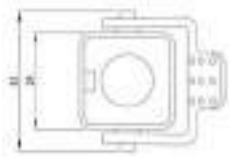
NOTES: STD type: for standard applications
 Harsh environmental (HE): for applications in aggressive environments.
 EMC type: for standard applications where electromagnetic compatibility is required
 For inserts of size 3A, GW-A, GW-D, GW-Q range. With metric thread M20 or PG11. Housing with IP65 degree of protection

GW76211



PLASTIC MATERIAL					
Code	Colour	Type of pitch	Size	Pack	Carton
APPLICATIONS: STANDARD					
GW 76 211	Grey	PG11	3A	10/30	10/30
GW 76 231	Grey	M20	3A	10/30	10/30
GW 77 307	Black	PG11	3A	10/30	10/30
GW 77 308	Black	M20	3A	10/30	10/30

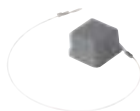
DATA SHEET



NOTES: STD type: for standard applications
 Material: Polyamide + glass RAL 9001. Self-extinguishing: UL 94 V0 - GWT 960°.

2-PIN LIDS

GW76802



METAL, FOR FEMALE INSERT

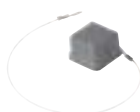
Code	Closure	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 76 802	With gasket	3A	10/50
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 331	With gasket	3A	10/50

DATA SHEET



NOTES: STD type: for standard applications
Harsh environmental (HE): for applications in aggressive environments.
To be assembled on housings with female inserts, size 3A

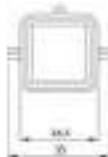
GW76804



METAL, FOR MALE INSERT

Code	Closure	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 76 804	Without gasket	3A	10/50
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 332	Without gasket	3A	10/50

DATA SHEET



NOTES: STD type: for standard applications
Harsh environmental (HE): for applications in aggressive environments
To be assembled on housings with female inserts, size 3A

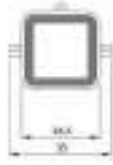
GW76801



PLASTIC MATERIAL, FOR FEMALE INSERT

Code	Colour	Closure	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 801	Grey	With gasket	3A	10/50
GW 77 311	Black	With gasket	3A	10/50

DATA SHEET



NOTES: Type: STD for standard applications
Material: Polyamide + glass RAL 9001. Self-extinguishing: UL 94 V0 - GWT 960°. To be assembled on housings with female inserts, size 3A

GW76803



PLASTIC MATERIAL, FOR MALE INSERT

Code	Colour	Closure	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 803	Grey	Without gasket	3A	10/50
GW 77 312	Black	Without gasket	3A	10/50

DATA SHEET



NOTES: Type: STD for standard applications
Material: Polyamide + glass RAL 9001. Self-extinguishing: UL 94 V0 - GWT 960°. To be assembled on housings with female inserts, size 3A

HOUSINGS SIZE 32x13

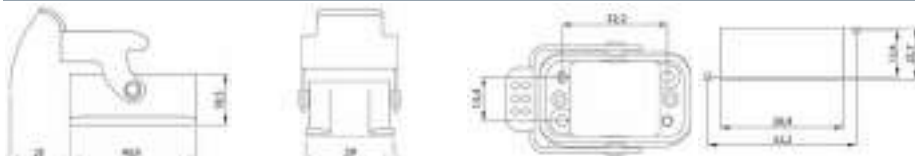
FLUSH-MOUNTING, SINGLE LEVER

GW77371



METAL		
Code	Lever material	Pack Carton
APPLICATIONS: HARSH ENVIRONMENTAL		
GW 77 371	Stainless steel	1/5
APPLICATIONS: EMC		
GW 77 376	Galvanised steel	1/5

DATA SHEET



Panel cut out

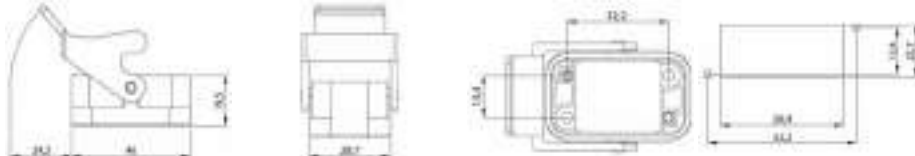
NOTES: Harsh environmental (HE): for applications in aggressive environments
 EMC type: for standard applications where electromagnetic compatibility is required
 Material: Die-cast aluminium alloy, highly conductive surface. For inserts of size 32x13, GW-Q range

GW77361



PLASTIC MATERIAL		
Code	Lever material	Pack Carton
APPLICATIONS: STANDARD		
GW 77 361	Thermoplastic	1/10

DATA SHEET



Panel cut out

NOTES: STD type: for standard applications
 Material: Polyamide + glass Black RAL 9005. Self-extinguishing: UL94 V0. For inserts of size «32x13», GW-Q range.

Hoods, 2 PINS, TOP ENTRY

GW77372



METAL		
Code	Type of pitch	Pack Carton
APPLICATIONS: HARSH ENVIRONMENTAL		
GW 77 372	PG16	1/5
APPLICATIONS: EMC		
GW 77 377	PG16	1/5

DATA SHEET



NOTES: Harsh environmental (HE): for applications in aggressive environments
 EMC type: for standard applications where electromagnetic compatibility is required
 Material: Die-cast aluminium alloy. For inserts of size «32x13», GW-Q range. With metric thread M25 or PG16. Painted with polyester powders. IP65 degree of protection. For IP68 metal cable glands (to be ordered separately).

GW77362



PLASTIC MATERIAL		
Code	Type of pitch	Pack Carton
APPLICATIONS: STANDARD		
GW 77 362	PG16	1/10

DATA SHEET



NOTES: STD type: for standard applications
 Material: Polyamide + glass Black RAL 9005. Self-extinguishing: UL 94 V0 - GWT 960°. For inserts of size «32x13», S-QD range. With metric thread M25 or PG16. Housing with IP65 degree of protection. Cable gland included

HOODS, 2 PINS, SIDE ENTRY

GW77373



METAL		
Code	Type of pitch	Pack Carton
APPLICATIONS: HARSH ENVIRONMENTAL		
GW 77 373	PG16	1/5
APPLICATIONS: EMC		
GW 77 378	PG16	1/5

DATA SHEET



NOTES: Harsh environmental (HE): for applications in aggressive environments
 EMC type: for standard applications where electromagnetic compatibility is required
 Material: Die-cast aluminium alloy. For inserts of size «32x13», GW-QD range. With metric thread M25 or PG16. Painted with polyester powders. IP65 degree of protection. For IP68 metal cable glands (to be ordered separately).

GW77363



PLASTIC MATERIAL		
Code	Type of pitch	Pack Carton
APPLICATIONS: STANDARD		
GW 77 363	PG16	1/10

DATA SHEET



NOTES: STD type: for standard applications
 Material: Polyamide + glass Black RAL 9005. Self-extinguishing: UL 94 V0 - GWT 960°. For inserts of size «32x13», S-QD range. With metric thread M25 or PG16. Housing with IP65 degree of protection. Cable gland included

2-PIN LIDS, FOR FEMALE INSERT

GW77364



IN PLASTIC MATERIAL		
Code	Closure	Pack Carton
APPLICATIONS: STANDARD		
GW 77 364	With gasket	1/10

DATA SHEET



NOTES: STD type: for standard applications
Material: Polyamide + glass Black RAL 9005. Self-extinguishing: UL94 V0

2-PIN LIDS, FOR MALE INSERT

GW77365



PLASTIC MATERIAL		
Code	Closure	Pack Carton
APPLICATIONS: STANDARD		
GW 77 365	Without gasket	1/10

DATA SHEET



NOTES: STD type: for standard applications
Material: Polyamide + glass Black RAL 9005. Self-extinguishing: UL94 V0

HOUSINGS SIZES 49x16 - 66x16

FLUSH-MOUNTING HOUSINGS

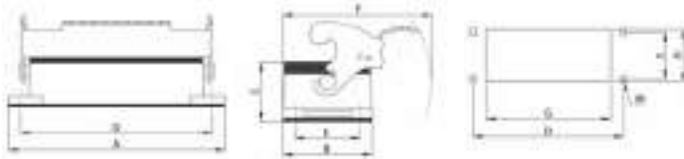
GW77381



SINGLE LEVER

Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 381	49x16	10A	1/5
GW 77 461	66x16	16A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 421	49x16	10A	1/5
GW 77 501	66x16	16A	1/5
APPLICATIONS: EMC			
GW 77 441	49x16	10A	1/5
GW 77 521	66x16	16A	1/5

DATA SHEET



Panel cut out

Size	Poles	A	B	C	D	E	F	G	H	M
10A - 49x16 -	10	81	32,3	26,8	70	17,5	54,8	57	24	3,5
16A - 66x16 -	16	96	32,3	26,8	86	17,5	54,8	73	24	3,5

*Number of poles with GW-A inserts

NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
 Type: Harsh environmental (HE): for aggressive environments and inserts up to 500V, GW-A, GW-D range
 Type: EMC for applications up to 500V where electromagnetic compatibility is required. For GW-A, GW-D inserts

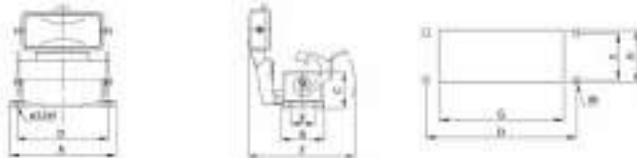
GW77382



SINGLE LEVER, WITH LID

Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 382	49x16	10A	1/5
GW 77 462	66x16	16A	1/5

DATA SHEET



Panel cut out

Size	Poles	A	B	C	D	E	F	G	H	M
10A - 49x16 -	10	81	32,3	26,8	70	17,5	79,4	57	24	3,5
16A - 66x16 -	16	96	32,3	26,8	86	17,5	79,4	73	24	3,5

*Number of poles with GW-A inserts

NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts

SURFACE-MOUNTING HOUSINGS

GW77383



SINGLE LEVER				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 383	49x16	PG16	10A	1/5
GW 77 384	49x16	PG16x2	10A	1/5
GW 77 385	49x16	PG21	10A	1/5
GW 77 387	49x16	M25	10A	1/5
GW 77 388	49x16	M25x2	10A	1/5
GW 77 463	66x16	PG16	16A	1/5
GW 77 464	66x16	PG16x2	16A	1/5
GW 77 465	66x16	PG21	16A	1/5
GW 77 466	66x16	M25	16A	1/5
GW 77 467	66x16	M25x2	16A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 422	49x16	PG16x2	10A	1/5
GW 77 423	49x16	M25x2	10A	1/5
GW 77 502	66x16	PG16x2	16A	1/5
GW 77 503	66x16	M25x2	16A	1/5
APPLICATIONS: EMC				
GW 77 442	49x16	PG16x2	10A	1/5
GW 77 443	49x16	M25x2	10A	1/5
GW 77 522	66x16	PG16x2	16A	1/5
GW 77 523	66x16	M25x2	16A	1/5

DATA SHEET



Size	Poles	A	B	C	D	E	F
10A - 49x16 -	10	85,5	50	52,5	48	40	63,6
16A - 66x16 -	16	102	50	57	64	40	63,6

*Number of poles with GW-A inserts

NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
 Type: Harsh environmental (HE): for aggressive environments and inserts up to 500V, GW-A, GW-D range
 Type: EMC for applications up to 500V where electromagnetic compatibility is required. For GW-A, GW-D inserts with 1 entry or 2 entries

GW77386



SINGLE LEVER, WITH LID				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 386	49x16	PG21x2	10A	1/5
GW 77 389	49x16	M25x2	10A	1/5
GW 77 468	66x16	PG21x2	16A	1/5
GW 77 469	66x16	M25x2	16A	1/5

DATA SHEET



Size	Poles	A	B	C	D	E	F
10A - 49x16 -	10	85,5	50	52,5	48	40	79,4
16A - 66x16 -	16	102	50	57	64	40	79,4

*Number of poles with GW-A inserts

NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
 Metal cover with lever, spring, screws and pins in stainless steel - 1 entry or 2 entries

Hoods

GW77390



2 PINS, TOP ENTRY

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 390	49x16	PG13,5	10A	1/5
GW 77 391	49x16	M20	10A	1/5
GW 77 470	66x16	PG16	16A	1/5
GW 77 471	66x16	M20	16A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 424	49x16	PG13,5	10A	1/5
GW 77 425	49x16	M20	10A	1/5
GW 77 504	66x16	PG16	16A	1/5
GW 77 505	66x16	M20	16A	1/5
APPLICATIONS: EMC				
GW 77 444	49x16	PG13,5	10A	1/5
GW 77 445	49x16	M20	10A	1/5
GW 77 524	66x16	PG16	16A	1/5
GW 77 525	66x16	M20	16A	1/5

DATA SHEET



Size	Poles	A	B	C
10A - 49x16 -	10	63	29,6	63
16A - 66x16 -	16	79,5	29,6	63

*Number of poles with GW-A inserts

NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-A, GW-D range
 Type: EMC for applications up to 500V where electromagnetic compatibility is required. For GW-A, GW-D inserts

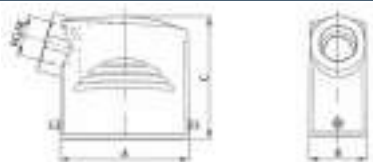
GW77401



2 PINS, SIDE ENTRY

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 401	49x16	PG16	10A	1/5
GW 77 402	49x16	M20	10A	1/5
GW 77 403	49x16	M25	10A	1/5
GW 77 476	66x16	PG16	16A	1/5
GW 77 477	66x16	M20	16A	1/5
GW 77 478	66x16	M25	16A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 428	49x16	PG16	10A	1/5
GW 77 429	49x16	M20	10A	1/5
GW 77 430	49x16	M25	10A	1/5
GW 77 508	66x16	PG16	16A	1/5
GW 77 509	66x16	M20	16A	1/5
GW 77 510	66x16	M25	16A	1/5
APPLICATIONS: EMC				
GW 77 448	49x16	PG16	10A	1/5
GW 77 449	49x16	M20	10A	1/5
GW 77 450	49x16	M25	10A	1/5
GW 77 528	66x16	PG16	16A	1/5
GW 77 529	66x16	M20	16A	1/5
GW 77 530	66x16	M25	16A	1/5

DATA SHEET



Size	Poles	A	B	C
10A - 49x16 -	10	63	29,6	60
16A - 66x16 -	16	79,5	29,6	60

*Number of poles with GW-A inserts

NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
 Type: Harsh environmental (HE): for aggressive environments and inserts up to 500V, GW-A, GW-D range
 Type: EMC for applications up to 500V where electromagnetic compatibility is required. For GW-A, GW-D inserts

GW77392



2 PINS, HIGH CONSTRUCTION, TOP ENTRY, WITH THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 392	49x16	PG16	10A	1/5
GW 77 393	49x16	PG21	10A	1/5
GW 77 394	49x16	M20	10A	1/5
GW 77 395	49x16	M25	10A	1/5
GW 77 472	66x16	PG16	16A	1/5
GW 77 473	66x16	PG21	16A	1/5
GW 77 474	66x16	M20	16A	1/5
GW 77 475	66x16	M25	16A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 426	49x16	PG21	10A	1/5
GW 77 427	49x16	M25	10A	1/5
GW 77 506	66x16	PG21	16A	1/5
GW 77 507	66x16	M25	16A	1/5
APPLICATIONS: EMC				
GW 77 446	49x16	PG21	10A	1/5
GW 77 447	49x16	M25	10A	1/5
GW 77 526	66x16	PG21	16A	1/5
GW 77 527	66x16	M25	16A	1/5

DATA SHEET



Size	Poles	A	B	C
10A - 49x16 -	10	63	34,6	83
16A - 66x16 -	16	79,5	34,6	86

*Number of poles with GW-A inserts

NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts

Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-A, GW-D range

Type: EMC for applications up to 500V where electromagnetic compatibility is required. For GW-A, GW-D inserts

With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands. Without cable input

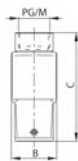
GW77408



2 PINS, HIGH CONSTRUCTION, TOP ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 408	49x16	PG16	10A	1/5
GW 77 409	49x16	PG21	10A	1/5
GW 77 410	49x16	M20	10A	1/5
GW 77 411	49x16	M25	10A	1/5
GW 77 483	66x16	PG16	16A	1/5
GW 77 484	66x16	PG21	16A	1/5
GW 77 485	66x16	M20	16A	1/5
GW 77 486	66x16	M25	16A	1/5

DATA SHEET



Size	Poles	A	B	C
10A - 49x16 -	10	63	34,6	68
16A - 66x16 -	16	79,5	34,6	71

*Number of poles with GW-A inserts

NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts

With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands. Without cable input

GW77404



2 PINS, HIGH CONSTRUCTION, SIDE ENTRY, WITH THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 404	49x16	PG16	10A	1/5
GW 77 405	49x16	PG21	10A	1/5
GW 77 406	49x16	M20	10A	1/5
GW 77 407	49x16	M25	10A	1/5
GW 77 479	66x16	PG16	16A	1/5
GW 77 480	66x16	PG21	16A	1/5
GW 77 481	66x16	M20	16A	1/5
GW 77 482	66x16	M25	16A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 431	49x16	PG21	10A	1/5
GW 77 432	49x16	M25	10A	1/5
GW 77 511	66x16	PG21	16A	1/5
GW 77 512	66x16	M25	16A	1/5
APPLICATIONS: EMC				
GW 77 451	49x16	PG21	10A	1/5
GW 77 452	49x16	M25	10A	1/5
GW 77 531	66x16	PG21	16A	1/5
GW 77 532	66x16	M25	16A	1/5

DATA SHEET



Size	Poles	A	B	C
10A - 49x16 -	10	63	34,6	68
16A - 66x16 -	16	79,5	34,6	71

*Number of poles with GW-A inserts

NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-A, GW-D range
 Type: EMC for applications up to 500V where electromagnetic compatibility is required. For GW-A, GW-D inserts
 With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands

GW77412



2 PINS, HIGH CONSTRUCTION, SIDE ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 412	49x16	PG16	10A	1/5
GW 77 413	49x16	PG21	10A	1/5
GW 77 414	49x16	M20	10A	1/5
GW 77 415	49x16	M25	10A	1/5
GW 77 487	66x16	PG16	16A	1/5
GW 77 488	66x16	PG21	16A	1/5
GW 77 489	66x16	M20	16A	1/5
GW 77 490	66x16	M25	16A	1/5

DATA SHEET



Size	Poles	A	B	C
10A - 49x16 -	10	63	34,6	68
16A - 66x16 -	16	79,5	34,6	71

*Number of poles with GW-A inserts

NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
 With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands

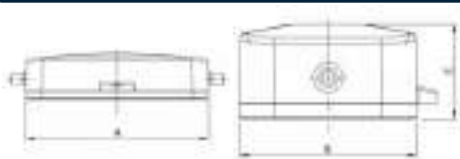
LIDS

GW77416



2 PINS, WITH GASKET			
Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 416	49x16	10A	1/5
GW 77 491	66x16	16A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 433	49x16	10A	1/5
GW 77 513	66x16	16A	1/5
APPLICATIONS: EMC			
GW 77 453	49x16	10A	1/5
GW 77 533	66x16	16A	1/5

DATA SHEET



Size	A	B	C
10A - 49x16 -	63	29,6	16
16A - 66x16 -	79,5	29,6	16

NOTES: Type: STD for standard applications for inserts up to 500V for housings with 1 lever
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V for housings with 1 lever
 Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V for housings with 1 lever

GW77417



SINGLE LEVER			
Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 417	49x16	10A	1/5
GW 77 492	66x16	16A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 434	49x16	10A	1/5
GW 77 514	66x16	16A	1/5
APPLICATIONS: EMC			
GW 77 454	49x16	10A	1/5
GW 77 534	66x16	16A	1/5

DATA SHEET



Size	A	B	C	D	E
10A - 49x16 -	63	29,6	15	73	54
16A - 66x16 -	79,5	29,6	15	90	54

NOTES: Type: STD for standard applications for inserts up to 500V for housings with 2 pins
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V for mobile housings with 2 pins
 Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V for housings with 2 pins.

HOUSINGS SIZE 66x40

FLUSH-MOUNTING HOUSINGS

GW77542



4 PINS, WITH LID

Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 542	66x40	32A	1/5

DATA SHEET



Panel cut out

NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
Metal cover with lever, spring, screws and pins in stainless steel

GW77541



2 LEVERS

Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 541	66x40	32A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 611	66x40	32A	1/5

DATA SHEET



Panel cut out

NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-A, GW-D range
Metal cover with lever, spring, screws and pins in stainless steel

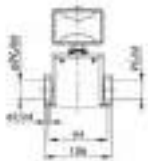
SURFACE-MOUNTING HOUSINGS

GW77543



4 PINS, WITH LID				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 543	66x40	PG21	32A	1/5
GW 77 544	66x40	PG21x2	32A	1/5
GW 77 545	66x40	PG29	32A	1/5
GW 77 546	66x40	PG29x2	32A	1/5
GW 77 549	66x40	M32	32A	1/5
GW 77 550	66x40	M32x2	32A	1/5
GW 77 551	66x40	M40	32A	1/5
GW 77 552	66x40	M40x2	32A	1/5

DATA SHEET



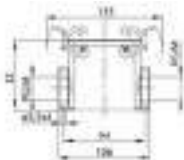
NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
Metal cover with lever, spring, screws and pins in stainless steel - 1 entry or 2 entries

GW77553



2 LEVERS				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 553	66x40	PG21	32A	1/5
GW 77 554	66x40	PG21x2	32A	1/5
GW 77 555	66x40	PG29	32A	1/5
GW 77 556	66x40	PG29x2	32A	1/5
GW 77 557	66x40	M32	32A	1/5
GW 77 558	66x40	M32x2	32A	1/5
GW 77 559	66x40	M40	32A	1/5
GW 77 560	66x40	M40x2	32A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 612	66x40	PG21	32A	1/5
GW 77 613	66x40	PG29x2	32A	1/5
GW 77 614	66x40	M32	32A	1/5
GW 77 615	66x40	M40x2	32A	1/5

DATA SHEET



NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-A, GW-D range
Metal cover with lever, spring, screws and pins in stainless steel - 1 entry or 2 entries

Hoods

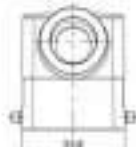
GW77565



4 PINS, SIDE ENTRY

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 565	66x40	PG21	32A	1/5
GW 77 566	66x40	M25	32A	1/5
GW 77 567	66x40	M32	32A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 618	66x40	PG21	32A	1/5
GW 77 619	66x40	M25	32A	1/5
GW 77 620	66x40	M32	32A	1/5

DATA SHEET



NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-A, GW-D range
 With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands

GW77561



4 PINS, HIGH CONSTRUCTION, TOP ENTRY, WITH THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 561	66x40	PG21	32A	1/5
GW 77 562	66x40	PG29	32A	1/5
GW 77 563	66x40	M25	32A	1/5
GW 77 564	66x40	M32	32A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 616	66x40	PG29	32A	1/5
GW 77 617	66x40	M32	32A	1/5

DATA SHEET



NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-A, GW-D range
 With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands

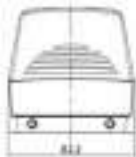
GW77572



4 PINS, HIGH CONSTRUCTION, TOP ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 572	66x40	PG21	32A	1/5
GW 77 573	66x40	PG29	32A	1/5
GW 77 574	66x40	M25	32A	1/5
GW 77 575	66x40	M32	32A	1/5

DATA SHEET



NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
 With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands

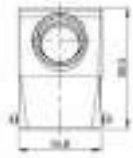
GW77568



4 PINS, HIGH CONSTRUCTION, SIDE ENTRY, WITH THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 568	66x40	PG21	32A	1/5
GW 77 569	66x40	PG29	32A	1/5
GW 77 570	66x40	M25	32A	1/5
GW 77 571	66x40	M32	32A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 621	66x40	PG29	32A	1/5
GW 77 622	66x40	M32	32A	1/5

DATA SHEET



NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-A, GW-D range
With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands

GW77576



4 PINS, HIGH CONSTRUCTION, SIDE ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 576	66x40	PG21	32A	1/5
GW 77 577	66x40	PG29	32A	1/5
GW 77 578	66x40	M25	32A	1/5
GW 77 579	66x40	M32	32A	1/5

DATA SHEET



NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands

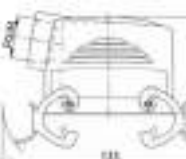
GW77584



2 LEVERS, SIDE ENTRY

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 584	66x40	PG21	32A	1/5
GW 77 585	66x40	M25	32A	1/5
GW 77 586	66x40	M32	32A	1/5

DATA SHEET



NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands

GW77580



2 LEVERS, HIGH CONSTRUCTION, TOP ENTRY, WITH THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 580	66x40	PG21	32A	1/5
GW 77 581	66x40	PG29	32A	1/5
GW 77 582	66x40	M25	32A	1/5
GW 77 583	66x40	M32	32A	1/5

DATA SHEET



NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands

GW77591



2 LEVERS, HIGH CONSTRUCTION, TOP ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 591	66x40	PG21	32A	1/5
GW 77 592	66x40	PG29	32A	1/5
GW 77 593	66x40	M25	32A	1/5
GW 77 594	66x40	M32	32A	1/5

DATA SHEET



NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands

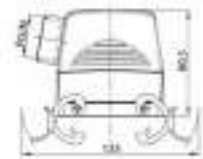
GW77587



2 LEVERS, HIGH CONSTRUCTION, SIDE ENTRY, WITH THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 587	66x40	PG21	32A	1/5
GW 77 588	66x40	PG29	32A	1/5
GW 77 589	66x40	M25	32A	1/5
GW 77 590	66x40	M32	32A	1/5

DATA SHEET



NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands

GW77595



2 LEVERS, HIGH CONSTRUCTION, SIDE ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 595	66x40	PG21	32A	1/5
GW 77 596	66x40	PG29	32A	1/5
GW 77 597	66x40	M25	32A	1/5
GW 77 598	66x40	M32	32A	1/5

DATA SHEET



NOTES: Type: STD for standard applications up to 500V for GW-A, GW-D inserts
With threaded coupling device for IP65 and IP68 cable glands. Recommended without threaded coupling device for IP68 cable glands

LIDS

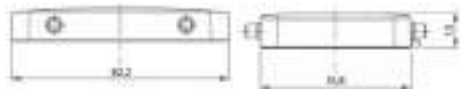
GW77601



4 PINS

Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 601	66x40	32A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 623	66x40	32A	1/5

DATA SHEET



NOTES: Type: STD for standard applications for inserts up to 500V for housings with 2 levers
Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V for housings with 2 levers

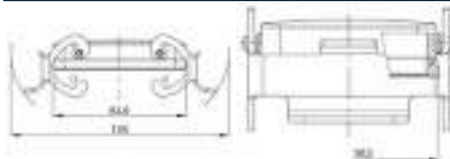
GW77602



2 LEVERS, WITH GASKET

Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 602	66x40	32A	1/5
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 624	66x40	32A	1/5

DATA SHEET



NOTES: Type: STD for standard applications for inserts up to 500V for housings with 4 pins
Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V for mobile housings with 4 pins

HOUSINGS SIZES 44x27 - 57x27 - 77x27 - 104x27 - 77x62 - 104x62

FLUSH-MOUNTING HOUSINGS

GW77629



2 PINS

Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 629	44x27	6B	1/10

DATA SHEET



Panel cut out

NOTES: Type: STD for standard applications and inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range, size 6B «44x27»

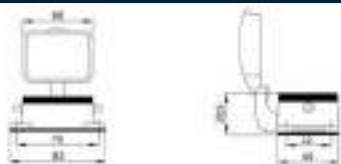
GW77630



2 PINS WITH LID

Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 630	44x27	6B	1/10

DATA SHEET



NOTES: Type: STD for standard applications and inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range, size 6B «44x27»

Warning: The housings guarantee an IP65 degree of protection when coupled and locked with the closure levers. The cover only provides mechanical protection: it does not guarantee the IP65 degree of protection

GW CONNECT RANGE

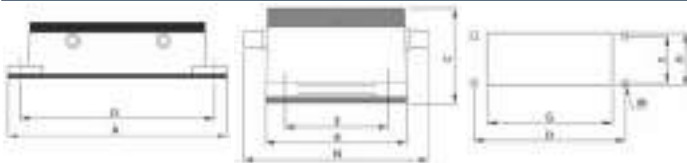
MULTIPOLAR CONNECTORS

GW77752



4 PINS			
Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 752	57x27	10B	1/10
GW 78 002	77x27	16B	1/10
GW 78 252	104x27	24B	1/5

DATA SHEET



Panel cut out

Size	A	B	C	D	E	G	H	M	N
10B - 57x27 -	95,5	44	29,5	83	32	66,5	36	4,5	56
16B - 77x27 -	115,5	44	29,5	103	32	86,5	36	4,5	56
24B - 104x27 -	142,5	44	29,5	130	32	113	36	4,5	56

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

GW77751



4 PINS, WITH LID			
Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 751	57x27	10B	1/10
GW 78 001	77x27	16B	1/10
GW 78 251	104x27	24B	1/5
GW 78 501	77x62	32B	1/5
APPLICATIONS: 830V			
GW 77 861	57x27	10B	1/10
GW 78 101	77x27	16B	1/10
GW 78 351	104x27	24B	1/5

DATA SHEET



Panel cut out

Size	A	B	C	D	E	F	G	H	M	N
10B - 57x27 -	95,5	44	29,5	83	32	73,5	66,5	36	4,5	56
16B - 77x27 -	115,5	44	29,5	103	32	94	86,5	36	4,5	56
24B - 104x27 -	142,5	44	29,5	130	32	120,5	113	36	4,5	56
32B - 77x62 -	124,5	84	35,5	110	65	94	87,5	76,5	5,5	108

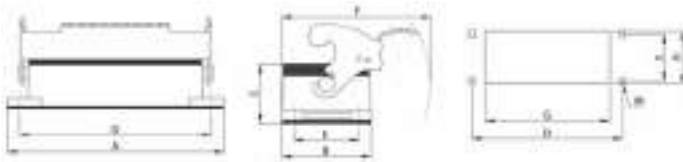
NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.
Metal cover with spring, screws and pins in stainless steel.

GW76401



SINGLE LEVER			
Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 76 401	44x27	6B	1/10
GW 76 403	57x27	10B	1/10
GW 76 405	77x27	16B	1/10
GW 76 407	104x27	24B	1/5
GW 76 409	77x62	32B	1/5
GW 78 579	104x62	48B	1/2
APPLICATIONS: 830V			
GW 76 661	57x27	10B	1/10
GW 76 662	77x27	16B	1/10
GW 76 663	104x27	24B	1/5
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 681	44x27	6B	1/10
APPLICATIONS: EMC			
GW 77 701	44x27	6B	1/10

DATA SHEET



Panel cut out

Size	A	B	C	D	E	F	G	H	M
6B - 44x27 -	82	44	29,5	70	32	73	53	36	4,5
10B - 57x27 -	95,5	44	29,5	83	32	73	66,5	36	4,5
16B - 77x27 -	115,5	44	29,5	103	32	73	86,5	36	4,5
24B - 104x27 -	142,5	44	29,5	130	32	73	113	36	4,5
32B - 77x62 -	124,5	84,5	35,5	110	65	116	87,5	76,5	5,5
48B - 104x62 -	169	91	40	148	70	136,5	122,5	79,5	5,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.

Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range

Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range

GW CONNECT RANGE

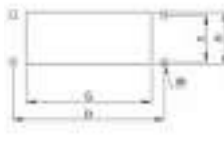
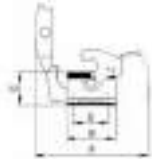
MULTIPOLAR CONNECTORS

GW76402



SINGLE LEVER, WITH LID			
Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 76 402	44x27	6B	1/10
GW 76 404	57x27	10B	1/10
GW 76 406	77x27	16B	1/10
GW 76 408	104x27	24B	1/5
GW 76 410	77x62	32B	1/5
GW 76 411	104x62	48B	1/2
APPLICATIONS: 830V			
GW 76 664	57x27	10B	1/10
GW 76 665	77x27	16B	1/10
GW 76 666	104x27	24B	1/5
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 78 591	104x62	48B	1/2

DATA SHEET



Panel cut out

Size	A	B	C	D	E	F	G	H	M
6B - 44x27 -	82	44	29,5	70	32	101	53	36	4,5
10B - 57x27 -	95,5	44	29,5	83	32	101	66,5	36	4,5
16B - 77x27 -	115,5	44	29,5	103	32	101	86,5	36	4,5
24B - 104x27 -	142,5	44	29,5	130	32	101	113	36	4,5
32B - 77x62 -	124,5	84,5	35,5	110	65	146	87,5	76,5	5,5
48B - 104x62 -	169	91	40	148	70	174,5	122,5	79,5	5,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.

Metal cover with spring, screws and pins in stainless steel.

Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range

GW CONNECT RANGE

①=May 2010

②=June 2010

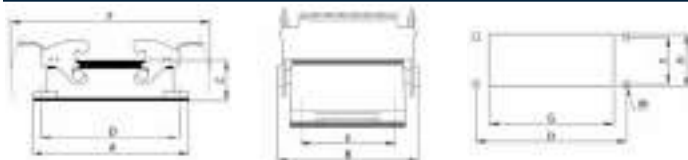
③=September 2010

GW76412



2 LEVERS			
Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 76 412	57x27	10B	1/10
GW 76 413	77x27	16B	1/10
GW 76 414	104x27	24B	1/5
GW 76 415	77x62	32B	1/5
APPLICATIONS: 830V			
GW 76 667	57x27	10B	1/10
GW 76 668	77x27	16B	1/10
GW 76 669	104x27	24B	1/5
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 951	57x27	10B	1/10
GW 78 201	77x27	16B	1/10
GW 78 451	104x27	24B	1/5
GW 78 551	77x62	32B	1/5
APPLICATIONS: EMC			
GW 77 971	57x27	10B	1/10
GW 78 221	77x27	16B	1/10
GW 78 481	104x27	24B	1/5

DATA SHEET



Panel cut out

Size	A	B	C	D	E	F	HE	G	H	M
10B - 57x27 -	95,5	53,5	29,5	83	32	STD-EMC-830V	123	66,5	36	4,5
16B - 77x27 -	115,5	53,5	29,5	103	32		143	86,5	36	4,5
24B - 104x27 -	142,5	53,5	29,5	130	32		170	113	36	4,5
32B - 77x62 -	124,5	105	35,5	110	65		143	87,5	76,5	5,5

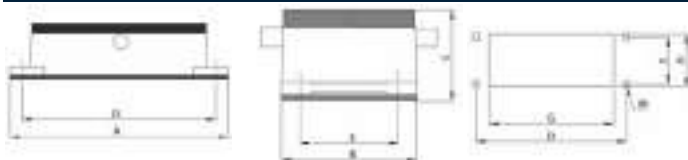
NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-ESHV, GW-EE, GW-HSB, GW-K, GW-EAV, GW-EHV range with crimp contacts.
 830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.
 Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V, GW-D, GW-E, GW-ES, GW-EE, GW-EAV range

GW77631



2 PINS FOR CENTRAL LEVER			
Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 631	44x27	6B	1/5
GW 77 753	57x27	10B	1/5
GW 78 003	77x27	16B	1/5
GW 78 253	104x27	24B	1/5

DATA SHEET



Panel cut out

Size	A	B	C	D	E	G	H	M
6B - 44x27 -	82	44	29,5	70	32	53	36	4,5
10B - 57x27 -	95,5	44	29,5	83	32	66,5	36	4,5
16B - 77x27 -	115,5	44	29,5	103	32	86,5	36	4,5
24B - 104x27 -	142,5	44	29,5	130	32	113	36	4,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

GW CONNECT RANGE

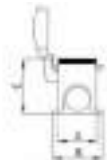
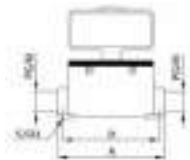
SURFACE-MOUNTING HOUSINGS

GW77754



4 PINS, WITH LID				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 754	57x27	PG16	10B	1/10
GW 77 755	57x27	PG16x2	10B	1/10
GW 77 756	57x27	M20	10B	1/10
GW 77 757	57x27	M20x2	10B	1/10
GW 78 004	77x27	PG21	16B	1/10
GW 78 005	77x27	PG21x2	16B	1/10
GW 78 006	77x27	M25	16B	1/10
GW 78 007	77x27	M25x2	16B	1/10
GW 78 254	104x27	PG21	24B	1/5
GW 78 255	104x27	PG21x2	24B	1/5
GW 78 256	104x27	M25	24B	1/5
GW 78 257	104x27	M25x2	24B	1/5
APPLICATIONS: 830V				
GW 77 862	57x27	PG16	10B	1/10
GW 77 863	57x27	PG16x2	10B	1/10
GW 77 864	57x27	M20	10B	1/10
GW 77 865	57x27	M20x2	10B	1/10
GW 78 102	77x27	PG21	16B	1/10
GW 78 103	77x27	PG21x2	16B	1/10
GW 78 104	77x27	M25	16B	1/10
GW 78 105	77x27	M25x2	16B	1/10
GW 78 352	104x27	PG21	24B	1/5
GW 78 353	104x27	PG21x2	24B	1/5
GW 78 354	104x27	M25	24B	1/5
GW 78 355	104x27	M25x2	24B	1/5

DATA SHEET



Size	A	B	C	D	E
10B - 57x27 -	97	57	57	82	40
16B - 77x27 -	117	57	63	105	45
24B - 104x27 -	143,5	57	63	132	45

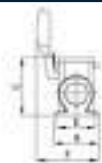
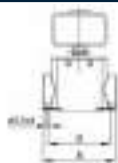
NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.
1 entry or 2 entries. With extension

GW7758



4 PINS, HIGH CONSTRUCTION, WITH LID				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 758	57x27	PG21	10B	1/10
GW 77 759	57x27	PG21x2	10B	1/10
GW 77 760	57x27	PG29	10B	1/10
GW 77 761	57x27	PG29x2	10B	1/10
GW 77 762	57x27	M32	10B	1/10
GW 77 763	57x27	M32x2	10B	1/10
GW 77 764	57x27	M40	10B	1/10
GW 77 765	57x27	M40x2	10B	1/10
GW 78 008	77x27	PG21	16B	1/5
GW 78 009	77x27	PG21x2	16B	1/5
GW 78 010	77x27	PG29	16B	1/5
GW 78 011	77x27	PG29x2	16B	1/5
GW 78 012	77x27	M32	16B	1/5
GW 78 013	77x27	M32x2	16B	1/5
GW 78 014	77x27	M40	16B	1/5
GW 78 015	77x27	M40x2	16B	1/5
GW 78 258	104x27	PG21	24B	1/5
GW 78 259	104x27	PG21x2	24B	1/5
GW 78 260	104x27	PG29	24B	1/5
GW 78 261	104x27	PG29x2	24B	1/5
GW 78 262	104x27	M32	24B	1/5
GW 78 263	104x27	M32x2	24B	1/5
GW 78 264	104x27	M40	24B	1/5
GW 78 265	104x27	M40x2	24B	1/5
APPLICATIONS: 830V				
GW 77 866	57x27	PG21	10B	1/10
GW 77 867	57x27	PG21x2	10B	1/10
GW 77 868	57x27	PG29	10B	1/10
GW 77 869	57x27	PG29x2	10B	1/10
GW 77 870	57x27	M32	10B	1/10
GW 77 871	57x27	M32x2	10B	1/10
GW 77 872	57x27	M40	10B	1/10
GW 77 873	57x27	M40x2	10B	1/10
GW 78 106	77x27	PG21	16B	1/5
GW 78 107	77x27	PG21x2	16B	1/5
GW 78 108	77x27	PG29	16B	1/5
GW 78 109	77x27	PG29x2	16B	1/5
GW 78 110	77x27	M32	16B	1/5
GW 78 111	77x27	M32x2	16B	1/5
GW 78 112	77x27	M40	16B	1/5
GW 78 113	77x27	M40x2	16B	1/5
GW 78 356	104x27	PG21	24B	1/5
GW 78 357	104x27	PG21x2	24B	1/5
GW 78 358	104x27	PG29	24B	1/5
GW 78 359	104x27	PG29x2	24B	1/5
GW 78 360	104x27	M32	24B	1/5
GW 78 361	104x27	M32x2	24B	1/5
GW 78 362	104x27	M40	24B	1/5
GW 78 363	104x27	M40x2	24B	1/5

DATA SHEET



Size	A	B	C	D	E	F
10B - 57x27 -	97	57	73	82	45	78,5
16B - 77x27 -	117	57	77	105	45	78,5
24B - 104x27 -	143,5	57	80	132	45	78,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-ESHV, GW-EE, GW-HSB, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.
Metal cover with spring, screws and pins in stainless steel. 1 entry or 2 entries

①=May 2010

②=June 2010

③=September 2010

GW76301



SINGLE LEVER				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 301	44x27	PG16	6B	1/10
GW 76 302	44x27	PG16x2	6B	1/10
GW 76 351	44x27	M20	6B	1/10
GW 76 352	44x27	M20x2	6B	1/10
GW 76 303	57x27	PG16	10B	1/10
GW 76 304	57x27	PG16x2	10B	1/10
GW 76 353	57x27	M20	10B	1/10
GW 76 354	57x27	M20x2	10B	1/10
GW 76 305	77x27	PG21	16B	1/10
GW 76 306	77x27	PG21x2	16B	1/10
GW 76 355	77x27	M25	16B	1/10
GW 76 356	77x27	M25x2	16B	1/10
GW 76 307	104x27	PG21	24B	1/5
GW 76 308	104x27	PG21x2	24B	1/5
GW 76 357	104x27	M25	24B	1/5
GW 76 358	104x27	M25x2	24B	1/5
GW 78 502	77x62	PG29	32B	1/5
GW 78 503	77x62	PG29x2	32B	1/5
GW 76 309	77x62	PG36	32B	1/5
GW 76 310	77x62	PG36x2	32B	1/5
GW 78 506	77x62	PG42	32B	1/5
GW 78 507	77x62	PG42x2	32B	1/5
GW 78 508	77x62	M40	32B	1/5
GW 78 509	77x62	M40x2	32B	1/5
GW 76 359	77x62	M50	32B	1/5
GW 76 360	77x62	M50x2	32B	1/5
APPLICATIONS: 830V				
GW 76 601	57x27	PG16	10B	1/10
GW 76 602	57x27	PG16x2	10B	1/10
GW 76 631	57x27	M20	10B	1/10
GW 76 632	57x27	M20x2	10B	1/10
GW 76 603	77x27	PG21	16B	1/10
GW 76 604	77x27	PG21x2	16B	1/10
GW 76 633	77x27	M25	16B	1/10
GW 76 634	77x27	M25x2	16B	1/10
GW 76 605	104x27	PG21	24B	1/5
GW 76 606	104x27	PG21x2	24B	1/5
GW 76 635	104x27	M25	24B	1/5
GW 76 636	104x27	M25x2	24B	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 682	44x27	PG16	6B	1/10
GW 77 683	44x27	M20	6B	1/10

DATA SHEET



Size	A	B	C	D	E	F
6B - 44x27 -	83,5	57	53	70	40	79,5
10B - 57x27 -	97	57	57	82	40	79,5
16B - 77x27 -	117	57	63	105	45	79,5
24B - 104x27 -	143,5	57	63	132	45	79,5
32B - 77x62 -	125	84,5	87,5	112	67	115,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-EE, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.

1 entry or 2 entries. With extension

Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range

1 entry or 2 entries

GW76311



SINGLE LEVER, WITH LID				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 311	44x27	PG16	6B	1/10
GW 76 312	44x27	PG16x2	6B	1/10
GW 76 361	44x27	M20	6B	1/10
GW 76 362	44x27	M20x2	6B	1/10
GW 76 313	57x27	PG16	10B	1/10
GW 76 314	57x27	PG16x2	10B	1/10
GW 76 363	57x27	M20	10B	1/10
GW 76 364	57x27	M20x2	10B	1/10
GW 76 315	77x27	PG21	16B	1/10
GW 76 316	77x27	PG21x2	16B	1/10
GW 76 365	77x27	M25	16B	1/10
GW 76 366	77x27	M25x2	16B	1/10
GW 76 317	104x27	PG21	24B	1/5
GW 76 318	104x27	PG21x2	24B	1/5
GW 76 367	104x27	M25	24B	1/5
GW 76 368	104x27	M25x2	24B	1/5
GW 78 510	77x62	PG29	32B	1/5
GW 78 511	77x62	PG29x2	32B	1/5
GW 76 319	77x62	PG36	32B	1/5
GW 76 320	77x62	PG36x2	32B	1/5
GW 78 512	77x62	PG42	32B	1/5
GW 78 513	77x62	PG42x2	32B	1/5
GW 78 514	77x62	M40	32B	1/5
GW 78 515	77x62	M40x2	32B	1/5
GW 76 369	77x62	M50	32B	1/5
GW 76 370	77x62	M50x2	32B	1/5
GW 78 571	104x62	PG29x2	48B	1/2
GW 76 321	104x62	PG36x2	48B	1/2
GW 78 572	104x62	M40x2	48B	1/2
GW 76 371	104x62	M50x2	48B	1/2
APPLICATIONS: 830V				
GW 76 607	57x27	PG16	10B	1/10
GW 76 608	57x27	PG16x2	10B	1/10
GW 76 637	57x27	M20	10B	1/10
GW 76 638	57x27	M20x2	10B	1/10
GW 76 609	77x27	PG21	16B	1/10
GW 76 610	77x27	PG21x2	16B	1/10
GW 76 639	77x27	M25	16B	1/10
GW 76 640	77x27	M25x2	16B	1/10
GW 76 611	104x27	PG21	24B	1/5
GW 76 612	104x27	PG21x2	24B	1/5
GW 76 641	104x27	M25	24B	1/5
GW 76 642	104x27	M25x2	24B	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 78 592	104x62	PG36x2	48B	1/2
GW 78 593	104x62	PG40x2	48B	1/2

DATA SHEET



Size	A	B	C	D	E	F
6B - 44x27 -	83,5	57	53	70	40	101
10B - 57x27 -	97	57	57	82	40	101
16B - 77x27 -	117	57	63	105	45	101
24B - 104x27 -	143,5	57	63	132	45	101
32B - 77x62 -	125	84,5	87,5	112	67	146
48B - 104x62 -	141	120	96,5	111	106	174,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
 830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.
 Metal cover with spring, screws and pins in stainless steel. 1 entry or 2 entries. With extension
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range
 1 entry or 2 entries

①=May 2010

②=June 2010

③=September 2010

GW CONNECT RANGE

MULTIPOLAR CONNECTORS

GW77632



SINGLE LEVER, HIGH CONSTRUCTION				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 632	44x27	PG21	6B	1/5
GW 77 633	44x27	PG21x2	6B	1/5
GW 77 634	44x27	PG29	6B	1/5
GW 77 635	44x27	PG29x2	6B	1/5
GW 77 636	44x27	M32	6B	1/5
GW 77 637	44x27	M32x2	6B	1/5
GW 77 638	44x27	M40	6B	1/5
GW 77 639	44x27	M40x2	6B	1/5
GW 77 766	57x27	PG21	10B	1/5
GW 77 767	57x27	PG21x2	10B	1/5
GW 77 768	57x27	PG29	10B	1/5
GW 77 769	57x27	PG29x2	10B	1/5
GW 77 770	57x27	M32	10B	1/5
GW 77 771	57x27	M32x2	10B	1/5
GW 77 772	57x27	M40	10B	1/5
GW 77 773	57x27	M40x2	10B	1/5
GW 78 016	77x27	PG21	16B	1/5
GW 78 017	77x27	PG21x2	16B	1/5
GW 78 018	77x27	PG29	16B	1/5
GW 78 019	77x27	PG29x2	16B	1/5
GW 78 020	77x27	M32	16B	1/5
GW 78 021	77x27	M32x2	16B	1/5
GW 78 022	77x27	M40	16B	1/5
GW 78 023	77x27	M40x2	16B	1/5
GW 78 266	104x27	PG21	24B	1/5
GW 78 267	104x27	PG21x2	24B	1/5
GW 78 268	104x27	PG29	24B	1/5
GW 78 269	104x27	PG29x2	24B	1/5
GW 78 270	104x27	M32	24B	1/5
GW 78 271	104x27	M32x2	24B	1/5
GW 78 272	104x27	M40	24B	1/5
GW 78 273	104x27	M40x2	24B	1/5
APPLICATIONS: 830V				
GW 77 874	57x27	PG21	10B	1/5
GW 77 875	57x27	PG21x2	10B	1/5
GW 77 876	57x27	PG29	10B	1/5
GW 77 877	57x27	PG29x2	10B	1/5
GW 77 878	57x27	M32	10B	1/5
GW 77 879	57x27	M32x2	10B	1/5
GW 77 880	57x27	M40	10B	1/5
GW 77 881	57x27	M40x2	10B	1/5
GW 78 114	77x27	PG21	16B	1/5
GW 78 115	77x27	PG21x2	16B	1/5
GW 78 116	77x27	PG29	16B	1/5
GW 78 117	77x27	PG29x2	16B	1/5
GW 78 118	77x27	M32	16B	1/5
GW 78 119	77x27	M32x2	16B	1/5
GW 78 120	77x27	M40	16B	1/5
GW 78 121	77x27	M40x2	16B	1/5
GW 78 364	104x27	PG21	24B	1/5
GW 78 365	104x27	PG21x2	24B	1/5
GW 78 366	104x27	PG29	24B	1/5
GW 78 367	104x27	PG29x2	24B	1/5
GW 78 368	104x27	M32	24B	1/5
GW 78 369	104x27	M32x2	24B	1/5
GW 78 370	104x27	M40	24B	1/5
GW 78 371	104x27	M40x2	24B	1/5
APPLICATIONS: EMC				
GW 77 702	44x27	PG21	6B	1/5
GW 77 703	44x27	M32	6B	1/5

DATA SHEET



Size	A	B	C	D	E	F
6B - 44x27 -	83,5	57	72	70	40	79,5
10B - 57x27 -	97	57	73	82	40	79,5
16B - 77x27 -	117	57	77	105	45	79,5
24B - 104x27 -	143,5	57	80	132	45	79,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range. 1 entry or 2 entries

Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V, GW-DD, GW-E, GW-EE, GW-EAV range 1 entry or 2 entries. Number of poles with GW-A inserts

①=May 2010

②=June 2010

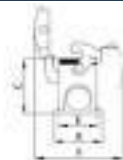
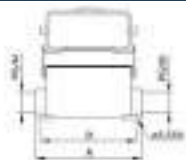
③=September 2010

GW77640



SINGLE LEVER, HIGH CONSTRUCTION, WITH LID				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 640	44x27	PG21	6B	1/5
GW 77 641	44x27	PG21x2	6B	1/5
GW 77 642	44x27	PG29	6B	1/5
GW 77 643	44x27	PG29x2	6B	1/5
GW 77 644	44x27	M32	6B	1/5
GW 77 645	44x27	M32x2	6B	1/5
GW 77 646	44x27	M40	6B	1/5
GW 77 647	44x27	M40x2	6B	1/5
GW 77 774	57x27	PG21	10B	1/5
GW 77 775	57x27	PG21x2	10B	1/5
GW 77 776	57x27	PG29	10B	1/5
GW 77 777	57x27	PG29x2	10B	1/5
GW 77 778	57x27	M32	10B	1/5
GW 77 779	57x27	M32x2	10B	1/5
GW 77 780	57x27	M40	10B	1/5
GW 77 781	57x27	M40x2	10B	1/5
GW 78 024	77x27	PG21	16B	1/5
GW 78 025	77x27	PG21x2	16B	1/5
GW 78 026	77x27	PG29	16B	1/5
GW 78 027	77x27	PG29x2	16B	1/5
GW 78 028	77x27	M32	16B	1/5
GW 78 029	77x27	M32x2	16B	1/5
GW 78 030	77x27	M40	16B	1/5
GW 78 031	77x27	M40x2	16B	1/5
GW 78 274	104x27	PG21	24B	1/5
GW 78 275	104x27	PG21x2	24B	1/5
GW 78 276	104x27	PG29	24B	1/5
GW 78 277	104x27	PG29x2	24B	1/5
GW 78 278	104x27	M32	24B	1/5
GW 78 279	104x27	M32x2	24B	1/5
GW 78 280	104x27	M40	24B	1/5
GW 78 281	104x27	M40x2	24B	1/5
APPLICATIONS: 830V				
GW 77 882	57x27	PG21	10B	1/5
GW 77 883	57x27	PG21x2	10B	1/5
GW 77 884	57x27	PG29	10B	1/5
GW 77 885	57x27	PG29x2	10B	1/5
GW 77 886	57x27	M32	10B	1/5
GW 77 887	57x27	M32x2	10B	1/5
GW 77 888	57x27	M40	10B	1/5
GW 77 889	57x27	M40x2	10B	1/5
GW 78 122	77x27	PG21	16B	1/5
GW 78 123	77x27	PG21x2	16B	1/5
GW 78 124	77x27	PG29	16B	1/5
GW 78 125	77x27	PG29x2	16B	1/5
GW 78 126	77x27	M32	16B	1/5
GW 78 127	77x27	M32x2	16B	1/5
GW 78 128	77x27	M40	16B	1/5
GW 78 129	77x27	M40x2	16B	1/5
GW 78 372	104x27	PG21	24B	1/5
GW 78 373	104x27	PG21x2	24B	1/5
GW 78 374	104x27	PG29	24B	1/5
GW 78 375	104x27	PG29x2	24B	1/5
GW 78 376	104x27	M32	24B	1/5
GW 78 377	104x27	M32x2	24B	1/5
GW 78 378	104x27	M40	24B	1/5
GW 78 379	104x27	M40x2	24B	1/5

DATA SHEET



Size	A	B	C	D	E	F
6B - 44x27 -	83,5	57	73	70	45	101
10B - 57x27 -	97	57	73	82	45	101
16B - 77x27 -	117	57	77	105	45	101
24B - 104x27 -	143,5	57	80	132	45	101

NOTES: Type: STD for standard applications and inserts up to 500V: GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.

Metal cover with spring, screws and pins in stainless steel. 1 entry or 2 entries

①=May 2010

②=June 2010

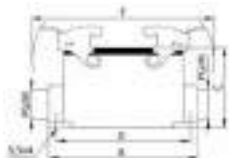
③=September 2010

GW76322



2 LEVERS				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 322	57x27	PG16	10B	1/10
GW 76 323	57x27	PG16x2	10B	1/10
GW 76 372	57x27	M20	10B	1/10
GW 76 373	57x27	M20x2	10B	1/10
GW 76 324	77x27	PG21	16B	1/10
GW 76 325	77x27	PG21x2	16B	1/10
GW 76 374	77x27	M25	16B	1/10
GW 76 375	77x27	M25x2	16B	1/10
GW 76 326	104x27	PG21	24B	1/5
GW 76 327	104x27	PG21x2	24B	1/5
GW 76 376	104x27	M25	24B	1/5
GW 76 377	104x27	M25x2	24B	1/5
GW 78 516	77x62	PG29	32B	1/5
GW 78 517	77x62	PG29x2	32B	1/5
GW 76 328	77x62	PG36	32B	1/5
GW 76 329	77x62	PG36x2	32B	1/5
GW 78 518	77x62	PG42	32B	1/5
GW 78 519	77x62	PG42x2	32B	1/5
GW 78 522	77x62	M40	32B	1/5
GW 78 523	77x62	M40x2	32B	1/5
GW 76 378	77x62	M50	32B	1/5
GW 76 379	77x62	M50x2	32B	1/5
APPLICATIONS: 830V				
GW 76 613	57x27	PG16	10B	1/10
GW 76 614	57x27	PG16x2	10B	1/10
GW 76 643	57x27	M20	10B	1/10
GW 76 644	57x27	M20x2	10B	1/10
GW 76 615	77x27	PG21	16B	1/10
GW 76 616	77x27	PG21x2	16B	1/10
GW 76 645	77x27	M25	16B	1/10
GW 76 646	77x27	M25x2	16B	1/10
GW 76 617	104x27	PG21	24B	1/5
GW 76 618	104x27	PG21x2	24B	1/5
GW 76 647	104x27	M25	24B	1/5
GW 76 648	104x27	M25x2	24B	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 78 552	77x62	PG36	32B	1/5
GW 78 553	77x62	M50	32B	1/5

DATA SHEET



Size	A	B	C	D	E	F	
						STD-830V-EMC	HE
10B - 57x27 -	97	57	57	82	40	127	-
16B - 77x27 -	117	57	63	105	45	147	-
24B - 104x27 -	143,5	57	63	132	45	174	-
32B - 77x62 -	125	84,5	87,5	112	67	147	143

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.

1 entry or 2 entries. With extension

Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-ESHV, GW-EE, GW-HSB, GW-K, GW-EAV, GW-EHV range with crimp contacts

GW7785



2 LEVERS, HIGH CONSTRUCTION

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 785	57x27	PG21	10B	1/5
GW 77 786	57x27	PG21x2	10B	1/5
GW 77 787	57x27	PG29	10B	1/5
GW 77 788	57x27	PG29x2	10B	1/5
GW 77 789	57x27	M32	10B	1/5
GW 77 790	57x27	M32x2	10B	1/5
GW 77 791	57x27	M40	10B	1/5
GW 77 792	57x27	M40x2	10B	1/5
GW 78 032	77x27	PG21	16B	1/5
GW 78 033	77x27	PG21x2	16B	1/5
GW 78 034	77x27	PG29	16B	1/5
GW 78 035	77x27	PG29x2	16B	1/5
GW 78 036	77x27	M32	16B	1/5
GW 78 037	77x27	M32x2	16B	1/5
GW 78 038	77x27	M40	16B	1/5
GW 78 039	77x27	M40x2	16B	1/5
GW 78 282	104x27	PG21	24B	1/5
GW 78 283	104x27	PG21x2	24B	1/5
GW 78 284	104x27	PG29	24B	1/5
GW 78 285	104x27	PG29x2	24B	1/5
GW 78 286	104x27	M32	24B	1/5
GW 78 287	104x27	M32x2	24B	1/5
GW 78 288	104x27	M40	24B	1/5
GW 78 289	104x27	M40x2	24B	1/5
APPLICATIONS: 830V				
GW 77 890	57x27	PG21	10B	1/5
GW 77 891	57x27	PG21x2	10B	1/5
GW 77 892	57x27	PG29	10B	1/5
GW 77 893	57x27	PG29x2	10B	1/5
GW 77 894	57x27	M32	10B	1/5
GW 77 895	57x27	M32x2	10B	1/5
GW 77 896	57x27	M40	10B	1/5
GW 77 897	57x27	M40x2	10B	1/5
GW 78 130	77x27	PG21	16B	1/5
GW 78 131	77x27	PG21x2	16B	1/5
GW 78 132	77x27	PG29	16B	1/5
GW 78 133	77x27	PG29x2	16B	1/5
GW 78 134	77x27	M32	16B	1/5
GW 78 135	77x27	M32x2	16B	1/5
GW 78 136	77x27	M40	16B	1/5
GW 78 137	77x27	M40x2	16B	1/5
GW 78 380	104x27	PG21	24B	1/5
GW 78 381	104x27	PG21x2	24B	1/5
GW 78 382	104x27	PG29	24B	1/5
GW 78 383	104x27	PG29x2	24B	1/5
GW 78 384	104x27	M32	24B	1/5
GW 78 385	104x27	M32x2	24B	1/5
GW 78 386	104x27	M40	24B	1/5
GW 78 387	104x27	M40x2	24B	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 952	57x27	PG21	10B	1/5
GW 77 953	57x27	M32	10B	1/5
GW 78 202	77x27	PG21	16B	1/5
GW 78 203	77x27	M32	16B	1/5
GW 78 452	104x27	PG21	24B	1/5
GW 78 453	104x27	M32	24B	1/5
APPLICATIONS: EMC				
GW 77 972	57x27	PG21	10B	1/5
GW 77 973	57x27	M32	10B	1/5
GW 78 222	77x27	PG21	16B	1/5
GW 78 223	77x27	M32	16B	1/5

DATA SHEET



Size	A	B	C	D	E		F
					Std/Emc	He	
10B - 57x27 -	97	57	73	82	45	40	127
16B - 77x27 -	117	57	77	105	45	45	147
24B - 104x27 -	143,5	57	80	132	45	45	174

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
 830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range. 1 entry or 2 entries
 Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-K, GW-EAV range. 1 entry or 2 entries
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-ESHV, GW-EE, GW-HSB, GW-K, GW-EAV, GW-EHV range with crimp contacts

GW CONNECT RANGE

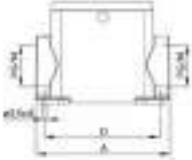
GW77648



2 PINS FOR CENTRAL LEVER, HIGH CONSTRUCTION

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 648	44x27	PG29x2	6B	1/5
GW 77 649	44x27	M32x2	6B	1/5
GW 77 793	57x27	PG29x2	10B	1/5
GW 77 794	57x27	M32x2	10B	1/5
GW 78 040	77x27	PG29x2	16B	1/5
GW 78 041	77x27	M32x2	16B	1/5
GW 78 290	104x27	PG29x2	24B	1/5
GW 78 291	104x27	M32x2	24B	1/5

DATA SHEET



Size	A	B	C	D	E
6B - 44x27 -	83,5	57	72	70	40
10B - 57x27 -	97	57	73	82	40
16B - 77x27 -	117	57	77	105	45
24B - 104x27 -	143,5	57	80	132	45

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts

Hoods

GW76503



2 PINS, TOP ENTRY				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 503	44x27	PG13,5	6B	1/10
GW 76 504	44x27	PG16	6B	1/10
GW 76 553	44x27	M20	6B	1/10
GW 76 554	44x27	M25	6B	1/10
GW 76 506	57x27	PG16	10B	1/10
GW 76 556	57x27	M20	10B	1/10
GW 77 795	57x27	M25	10B	1/10
GW 76 508	77x27	PG21	16B	1/10
GW 76 558	77x27	M25	16B	1/10
GW 78 043	77x27	M32	16B	1/10
GW 76 510	104x27	PG21	24B	1/5
GW 76 560	104x27	M25	24B	1/5
GW 78 292	104x27	M32	24B	1/5
APPLICATIONS: 830V				
GW 76 682	57x27	PG16	10B	1/10
GW 76 712	57x27	M20	10B	1/10
GW 77 901	57x27	M25	10B	1/10
GW 76 684	77x27	PG21	16B	1/10
GW 76 714	77x27	M25	16B	1/10
GW 78 138	77x27	M32	16B	1/10
GW 76 686	104x27	PG21	24B	1/5
GW 76 716	104x27	M25	24B	1/5
GW 78 388	104x27	M32	24B	1/5

DATA SHEET



Size	A	B	C
6B - 44x27 -	60	43,5	53
10B - 57x27 -	73,5	43,5	58
16B - 77x27 -	94	43,5	58
24B - 104x27 -	120,5	43,5	68

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.
For IP65 and IP68 cable glands

GW CONNECT RANGE

MULTIPOLAR CONNECTORS

GW76501



2 PINS, SIDE ENTRY				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 501	44x27	PG13,5	6B	1/10
GW 76 502	44x27	PG16	6B	1/10
GW 76 551	44x27	M20	6B	1/10
GW 76 552	44x27	M25	6B	1/10
GW 76 505	57x27	PG16	10B	1/10
GW 76 555	57x27	M20	10B	1/10
GW 77 796	57x27	M25	10B	1/10
GW 76 507	77x27	PG21	16B	1/10
GW 76 557	77x27	M25	16B	1/10
GW 78 044	77x27	M32	16B	1/10
GW 76 509	104x27	PG21	24B	1/5
GW 76 559	104x27	M25	24B	1/5
GW 78 293	104x27	M32	24B	1/5
APPLICATIONS: 830V				
GW 76 681	57x27	PG16	10B	1/10
GW 76 711	57x27	M20	10B	1/10
GW 77 906	57x27	M25	10B	1/10
GW 76 683	77x27	PG21	16B	1/10
GW 76 713	77x27	M25	16B	1/10
GW 78 143	77x27	M32	16B	1/10
GW 76 685	104x27	PG21	24B	1/5
GW 76 715	104x27	M25	24B	1/5
GW 78 393	104x27	M32	24B	1/5

DATA SHEET



Size	A	B	C
6B - 44x27 -	60	43,5	47
10B - 57x27 -	73,5	43,5	52
16B - 77x27 -	94	43,5	63
24B - 104x27 -	120,5	43,5	63

NOTES: Type: STD for standard applications and inserts up to 500V: GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.
For IP65 and IP68 cable glands

GW76427



2 PINS, HIGH CONSTRUCTION, TOP ENTRY, WITH THREADED COUPLING DEVICE				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 427	44x27	PG21	6B	1/5
GW 76 428	44x27	PG29	6B	1/5
GW 76 449	44x27	M25	6B	1/5
GW 76 450	44x27	M32	6B	1/5
GW 76 429	57x27	PG21	10B	1/5
GW 76 430	57x27	PG29	10B	1/5
GW 76 451	57x27	M32	10B	1/5
GW 76 452	57x27	M40	10B	1/5
GW 76 431	77x27	PG21	16B	1/5
GW 76 432	77x27	PG29	16B	1/5
GW 76 453	77x27	M32	16B	1/5
GW 76 454	77x27	M40	16B	1/5
GW 76 433	104x27	PG21	24B	1/5
GW 76 434	104x27	PG29	24B	1/5
GW 76 455	104x27	M32	24B	1/5
GW 76 456	104x27	M40	24B	1/5
GW 76 512	77x62	PG36	32B	1/5
GW 76 562	77x62	M40	32B	1/5
GW 76 516	104x62	PG29	48B	1/2
GW 76 517	104x62	PG36	48B	1/2
GW 76 518	104x62	PG42	48B	1/2
GW 76 566	104x62	M32	48B	1/2
GW 76 567	104x62	M40	48B	1/2
GW 76 568	104x62	M50	48B	1/2
APPLICATIONS: 830V				
GW 77 902	57x27	PG21	10B	1/5
GW 77 903	57x27	PG29	10B	1/5
GW 77 904	57x27	M32	10B	1/5
GW 77 905	57x27	M40	10B	1/5
GW 78 139	77x27	PG21	16B	1/5
GW 78 140	77x27	PG29	16B	1/5
GW 78 141	77x27	M32	16B	1/5
GW 78 142	77x27	M40	16B	1/5
GW 78 389	104x27	PG21	24B	1/5
GW 78 390	104x27	PG29	24B	1/5
GW 78 391	104x27	M32	24B	1/5
GW 78 392	104x27	M40	24B	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 684	44x27	PG21	6B	1/5
GW 77 685	44x27	M32	6B	1/5
GW 78 594	104x62	PG36	48B	1/2
GW 78 595	104x62	M40	48B	1/2
APPLICATIONS: EMC				
GW 77 704	44x27	PG21	6B	1/5
GW 77 705	44x27	M32	6B	1/5

DATA SHEET



Size	A	B	C
6B - 44x27 -	60	43,5	97
10B - 57x27 -	73,5	43,5	97
16B - 77x27 -	94	43,5	97
24B - 104x27 -	120,5	43,5	97
32B - 77x62 -	94	83	113
48B - 104x62 -	132	90	124

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-EHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.

For IP65 and IP68 cable glands

Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range

For IP65 and IP68 cable glands

Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range

GW77651



2 PINS, HIGH CONSTRUCTION, TOP ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 651	44x27	PG21	6B	1/5
GW 77 652	44x27	PG29	6B	1/5
GW 77 653	44x27	M25	6B	1/5
GW 77 654	44x27	M32	6B	1/5
GW 78 521	77x62	PG36	32B	1/5
GW 78 524	77x62	M40	32B	1/5
GW 78 581	104x62	PG29	48B	1/2
GW 78 582	104x62	PG36	48B	1/2
GW 78 583	104x62	PG42	48B	1/2
GW 78 573	104x62	M32	48B	1/2
GW 78 574	104x62	M40	48B	1/2
GW 78 575	104x62	M50	48B	1/2

DATA SHEET



Size	A	B	C
6B - 44x27 -	60	43,5	77
32B - 77x62 -	94	83	90
48B - 104x62 -	132	90	103

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
For IP65 and IP68 cable glands

GW76477



2 PINS, HIGH CONSTRUCTION, SIDE ENTRY, WITH THREADED COUPLING DEVICE				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 477	44x27	PG21	6B	1/5
GW 76 478	44x27	PG29	6B	1/5
GW 76 491	44x27	M25	6B	1/5
GW 76 492	44x27	M32	6B	1/5
GW 76 479	57x27	PG21	10B	1/5
GW 76 480	57x27	PG29	10B	1/5
GW 76 493	57x27	M32	10B	1/5
GW 76 494	57x27	M40	10B	1/5
GW 76 481	77x27	PG21	16B	1/5
GW 76 482	77x27	PG29	16B	1/5
GW 76 495	77x27	M32	16B	1/5
GW 76 496	77x27	M40	16B	1/5
GW 76 483	104x27	PG21	24B	1/5
GW 76 484	104x27	PG29	24B	1/5
GW 76 497	104x27	M32	24B	1/5
GW 76 498	104x27	M40	24B	1/5
GW 76 511	77x62	PG36	32B	1/5
GW 76 561	77x62	M40	32B	1/5
GW 76 513	104x62	PG29	48B	1/2
GW 76 514	104x62	PG36	48B	1/2
GW 76 515	104x62	PG42	48B	1/2
GW 76 563	104x62	M32	48B	1/2
GW 76 564	104x62	M40	48B	1/2
GW 76 565	104x62	M50	48B	1/2
APPLICATIONS: 830V				
GW 77 907	57x27	PG21	10B	1/5
GW 77 908	57x27	PG29	10B	1/5
GW 77 909	57x27	M32	10B	1/5
GW 77 910	57x27	M40	10B	1/5
GW 78 144	77x27	PG21	16B	1/5
GW 78 145	77x27	PG29	16B	1/5
GW 78 146	77x27	M32	16B	1/5
GW 78 147	77x27	M40	16B	1/5
GW 78 394	104x27	PG21	24B	1/5
GW 78 395	104x27	PG29	24B	1/5
GW 78 396	104x27	M32	24B	1/5
GW 78 397	104x27	M40	24B	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 686	44x27	PG21	6B	1/5
GW 77 687	44x27	M32	6B	1/5
GW 78 596	104x62	PG36	48B	1/2
GW 78 597	104x62	M40	48B	1/2
APPLICATIONS: EMC				
GW 77 706	44x27	PG21	6B	1/5
GW 77 707	44x27	M32	6B	1/5

DATA SHEET



Size	A	B	C
6B - 44x27 -	60	43,5	80
10B - 57x27 -	73,5	43,5	80
16B - 77x27 -	94	43,5	80
24B - 104x27 -	120,5	43,5	80
32B - 77x62 -	94	83	94
48B - 104x62 -	132	90	107

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-EHVB, GW-K, GW-EAV, GW-EHV range with crimp contacts.
 830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range. Recommended type for IP68 cable glands
 Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range For IP65 and IP68 cable glands
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range

GW CONNECT RANGE

GW77655



2 PINS, HIGH CONSTRUCTION, SIDE ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 655	44x27	PG21	6B	1/5
GW 77 656	44x27	PG29	6B	1/5
GW 77 657	44x27	M25	6B	1/5
GW 77 658	44x27	M32	6B	1/5
GW 78 526	77x62	PG36	32B	1/5
GW 78 527	77x62	M40	32B	1/5
GW 78 584	104x62	PG29	48B	1/2
GW 78 585	104x62	PG36	48B	1/2
GW 78 586	104x62	PG42	48B	1/2
GW 78 576	104x62	M32	48B	1/2
GW 78 577	104x62	M40	48B	1/2
GW 78 578	104x62	M50	48B	1/2

DATA SHEET



Size	A	B	C
6B - 44x27 -	60	43,5	80
32B - 77x62 -	94	83	94
48B - 104x62 -	132	90	107

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

GW77650



2 PINS, HIGH CONSTRUCTION, WITHOUT CABLE ENTRY

Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 650	44x27	6B	1/5
GW 77 852	57x27	10B	1/5
GW 78 089	77x27	16B	1/5
GW 78 336	104x27	24B	1/5
GW 78 580	104x62	48B	1/2

DATA SHEET



Size	A	B	C
6B - 44x27 -	60	43,5	80
10B - 57x27 -	73,5	43,5	80
16B - 77x27 -	94	43,5	80
24B - 104x27 -	120,5	43,5	80
48B - 104x62 -	132	90	107

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

GW76520



4 PINS, TOP ENTRY				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 520	57x27	PG16	10B	1/10
GW 76 570	57x27	M20	10B	1/10
GW 77 802	57x27	M25	10B	1/10
GW 76 522	77x27	PG21	16B	1/10
GW 76 572	77x27	M25	16B	1/10
GW 78 045	77x27	M32	16B	1/10
GW 76 524	104x27	PG21	24B	1/5
GW 78 294	104x27	PG29	24B	1/5
GW 76 574	104x27	M25	24B	1/5
GW 78 295	104x27	M32	24B	1/5
APPLICATIONS: 830V				
GW 76 688	57x27	PG16	10B	1/10
GW 76 718	57x27	M20	10B	1/10
GW 77 912	57x27	M25	10B	1/10
GW 76 690	77x27	PG21	16B	1/10
GW 76 720	77x27	M25	16B	1/10
GW 78 148	77x27	M32	16B	1/10
GW 76 692	104x27	PG21	24B	1/5
GW 78 401	104x27	PG29	24B	1/5
GW 76 722	104x27	M25	24B	1/5
GW 78 402	104x27	M32	24B	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 78 204	77x27	PG21	16B	1/10
GW 78 205	77x27	M25	16B	1/10
GW 78 206	77x27	M32	16B	1/10
GW 78 454	104x27	PG21	24B	1/5
GW 78 455	104x27	M25	24B	1/5
GW 78 456	104x27	M32	24B	1/5
APPLICATIONS: EMC				
GW 78 224	77x27	PG21	16B	1/10
GW 78 225	77x27	M25	16B	1/10
GW 78 226	77x27	M32	16B	1/10
GW 78 484	104x27	PG21	24B	1/5
GW 78 485	104x27	M25	24B	1/5
GW 78 486	104x27	M32	24B	1/5

DATA SHEET



Size	A	B	C
10B - 57x27 -	73,5	43,5	58
16B - 77x27 -	94	43,5	58
24B - 104x27 -	120,5	43,5	58

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range for applications over 500V (up to 830V). For IP65 and IP68 cable glands

Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-K, GW-EAV range. For IP65 and IP68 cable glands

Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-ESHV, GW-EE, GW-HSB, GW-K, GW-EAV, GW-EHV range with crimp contacts.

GW76519



4 PINS, SIDE ENTRY				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 519	57x27	PG16	10B	1/10
GW 76 569	57x27	M20	10B	1/10
GW 77 808	57x27	M25	10B	1/10
GW 76 521	77x27	PG21	16B	1/10
GW 76 571	77x27	M25	16B	1/10
GW 78 046	77x27	M32	16B	1/10
GW 76 523	104x27	PG21	24B	1/5
GW 76 573	104x27	M25	24B	1/5
GW 78 296	104x27	M32	24B	1/5
APPLICATIONS: 830V				
GW 76 687	57x27	PG16	10B	1/10
GW 76 717	57x27	M20	10B	1/10
GW 77 918	57x27	M25	10B	1/10
GW 76 689	77x27	PG21	16B	1/10
GW 76 719	77x27	M25	16B	1/10
GW 78 153	77x27	M32	16B	1/10
GW 76 691	104x27	PG21	24B	1/5
GW 76 721	104x27	M25	24B	1/5
GW 78 408	104x27	M32	24B	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 78 210	77x27	PG21	16B	1/10
GW 78 211	77x27	M25	16B	1/10
GW 78 212	77x27	M32	16B	1/10
GW 78 460	104x27	PG21	24B	1/5
GW 78 461	104x27	M25	24B	1/5
GW 78 462	104x27	M32	24B	1/5
APPLICATIONS: EMC				
GW 78 230	77x27	PG21	16B	1/10
GW 78 231	77x27	M25	16B	1/10
GW 78 232	77x27	M32	16B	1/10
GW 78 490	104x27	PG21	24B	1/5
GW 78 491	104x27	M25	24B	1/5
GW 78 492	104x27	M32	24B	1/5

DATA SHEET



Size	A	B	C
10B - 57x27 -	73,5	43,5	52
16B - 77x27 -	94	43,5	63
24B - 104x27 -	120,5	43,5	63

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
 830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range. For IP65 and IP68 cable glands
 Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-K, GW-EAV range. For IP65 and IP68 cable glands
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-ESHV, GW-EE, GW-HSB, GW-K, GW-EAV, GW-EHV range with crimp contacts.

GW76421



4 PINS, HIGH CONSTRUCTION, TOP ENTRY, WITH THREADED COUPLING DEVICE				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 421	57x27	PG21	10B	1/5
GW 76 422	57x27	PG29	10B	1/5
GW 76 443	57x27	M32	10B	1/5
GW 76 444	57x27	M40	10B	1/5
GW 76 423	77x27	PG21	16B	1/5
GW 76 424	77x27	PG29	16B	1/5
GW 76 445	77x27	M32	16B	1/5
GW 76 446	77x27	M40	16B	1/5
GW 76 425	104x27	PG21	24B	1/5
GW 76 426	104x27	PG29	24B	1/5
GW 76 447	104x27	M32	24B	1/5
GW 76 448	104x27	M40	24B	1/5
GW 76 528	77x62	PG29	32B	1/5
GW 76 529	77x62	PG36	32B	1/5
GW 76 530	77x62	PG42	32B	1/5
GW 76 578	77x62	M32	32B	1/5
GW 76 579	77x62	M40	32B	1/5
GW 76 580	77x62	M50	32B	1/5
APPLICATIONS: 830V				
GW 77 913	57x27	PG21	10B	1/5
GW 77 914	57x27	PG29	10B	1/5
GW 77 915	57x27	M32	10B	1/5
GW 77 916	57x27	M40	10B	1/5
GW 78 149	77x27	PG21	16B	1/5
GW 78 150	77x27	PG29	16B	1/5
GW 78 151	77x27	M32	16B	1/5
GW 78 152	77x27	M40	16B	1/5
GW 78 403	104x27	PG21	24B	1/5
GW 78 404	104x27	PG29	24B	1/5
GW 78 405	104x27	M32	24B	1/5
GW 78 406	104x27	M40	24B	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 954	57x27	PG21	10B	1/5
GW 77 955	57x27	M32	10B	1/5
GW 78 207	77x27	PG29	16B	1/5
GW 78 208	77x27	M32	16B	1/5
GW 78 209	77x27	M40	16B	1/5
GW 78 457	104x27	PG29	24B	1/5
GW 78 458	104x27	M32	24B	1/5
GW 78 459	104x27	M40	24B	1/5
GW 78 554	77x62	PG36	32B	1/5
GW 78 555	77x62	M40	32B	1/5
APPLICATIONS: EMC				
GW 77 974	57x27	PG21	10B	1/5
GW 77 975	57x27	M32	10B	1/5
GW 78 227	77x27	PG29	16B	1/5
GW 78 228	77x27	M32	16B	1/5
GW 78 229	77x27	M40	16B	1/5
GW 78 487	104x27	PG29	24B	1/5
GW 78 488	104x27	M32	24B	1/5
GW 78 489	104x27	M40	24B	1/5

DATA SHEET



Size	A	B	C
10B - 57x27 -	73,5	43,5	97
16B - 77x27 -	94	43,5	97
24B - 104x27 -	120,5	43,5	97
32B - 77x62 -	94	83	113

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
 830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range. For IP65 and IP68 cable glands
 Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-K, GW-EAV range. For IP65 and IP68 cable glands
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-ESHV, GW-EE, GW-HSB, GW-K, GW-EAV, GW-EHV range with crimp contacts.

GW CONNECT RANGE

GW78544



4 PINS, HIGH CONSTRUCTION, TOP ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 78 544	77x62	PG29	32B	1/5
GW 78 545	77x62	PG36	32B	1/5
GW 78 546	77x62	PG42	32B	1/5
GW 78 528	77x62	M32	32B	1/5
GW 78 529	77x62	M40	32B	1/5
GW 78 530	77x62	M50	32B	1/5

DATA SHEET



Size	A	B	C
32B - 77x62 -	94	83	90

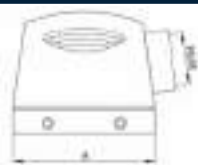
NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

GW76471



4 PINS, HIGH CONSTRUCTION, SIDE ENTRY, WITH THREADED COUPLING DEVICE				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 471	57x27	PG21	10B	1/5
GW 76 472	57x27	PG29	10B	1/5
GW 76 485	57x27	M32	10B	1/5
GW 76 486	57x27	M40	10B	1/5
GW 76 473	77x27	PG21	16B	1/5
GW 76 474	77x27	PG29	16B	1/5
GW 76 487	77x27	M32	16B	1/5
GW 76 488	77x27	M40	16B	1/5
GW 76 475	104x27	PG21	24B	1/5
GW 76 476	104x27	PG29	24B	1/5
GW 76 489	104x27	M32	24B	1/5
GW 76 490	104x27	M40	24B	1/5
GW 76 525	77x62	PG29	32B	1/5
GW 76 526	77x62	PG36	32B	1/5
GW 76 527	77x62	PG42	32B	1/5
GW 76 575	77x62	M32	32B	1/5
GW 76 576	77x62	M40	32B	1/5
GW 76 577	77x62	M50	32B	1/5
APPLICATIONS: 830V				
GW 77 919	57x27	PG21	10B	1/5
GW 77 920	57x27	PG29	10B	1/5
GW 77 921	57x27	M32	10B	1/5
GW 77 922	57x27	M40	10B	1/5
GW 78 154	77x27	PG21	16B	1/5
GW 78 155	77x27	PG29	16B	1/5
GW 78 156	77x27	M32	16B	1/5
GW 78 157	77x27	M40	16B	1/5
GW 78 409	104x27	PG21	24B	1/5
GW 78 410	104x27	PG29	24B	1/5
GW 78 411	104x27	M32	24B	1/5
GW 78 412	104x27	M40	24B	1/5
APPLICATIONS: HARSH ENVIRONMENTAL				
GW 77 956	57x27	PG21	10B	1/5
GW 77 957	57x27	M32	10B	1/5
GW 78 213	77x27	PG29	16B	1/5
GW 78 214	77x27	M32	16B	1/5
GW 78 215	77x27	M40	16B	1/5
GW 78 463	104x27	PG29	24B	1/5
GW 78 464	104x27	M32	24B	1/5
GW 78 465	104x27	M40	24B	1/5
GW 78 556	77x62	PG36	32B	1/5
GW 78 557	77x62	M40	32B	1/5
APPLICATIONS: EMC				
GW 77 976	57x27	PG21	10B	1/5
GW 77 977	57x27	M32	10B	1/5
GW 78 233	77x27	PG29	16B	1/5
GW 78 234	77x27	M32	16B	1/5
GW 78 235	77x27	M40	16B	1/5
GW 78 493	104x27	PG29	24B	1/5
GW 78 494	104x27	M32	24B	1/5
GW 78 495	104x27	M40	24B	1/5

DATA SHEET



Size	A	B	C
10B - 57x27 -	73,5	43,5	80
16B - 77x27 -	94	43,5	80
24B - 104x27 -	120,5	43,5	80
32B - 77x62 -	94	83	94

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
 830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range. For IP65 and IP68 cable glands
 Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-K, GW-EAV range. For IP65 and IP68 cable glands
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-ESHV, GW-EE, GW-HSB, GW-K, GW-EAV, GW-EHV range with crimp contacts.

①=May 2010

②=June 2010

③=September 2010

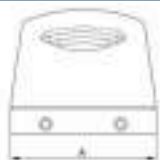
GW78547



4 PINS, HIGH CONSTRUCTION, SIDE ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 78 547	77x62	PG29	32B	1/5
GW 78 548	77x62	PG36	32B	1/5
GW 78 549	77x62	PG42	32B	1/5
GW 78 531	77x62	M32	32B	1/5
GW 78 532	77x62	M40	32B	1/5
GW 78 533	77x62	M50	32B	1/5

DATA SHEET



Size	A	B	C
32B - 77x62 -	94	83	94

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

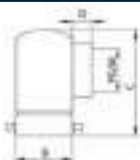
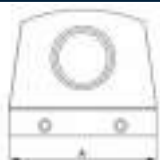
GW77813



4 PINS, HIGH CONSTRUCTION, FRONTAL ENTRY, WITH THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 813	57x27	PG16	10B	1/5
GW 77 814	57x27	M20	10B	1/5
GW 78 047	77x27	PG21	16B	1/5
GW 78 048	77x27	M25	16B	1/5
GW 78 301	104x27	PG21	24B	1/5
GW 78 302	104x27	PG29	24B	1/5
GW 78 303	104x27	M25	24B	1/5
GW 78 304	104x27	M32	24B	1/5
APPLICATIONS: 830V				
GW 77 923	57x27	PG16	10B	1/5
GW 77 924	57x27	M20	10B	1/5
GW 78 158	77x27	PG21	16B	1/5
GW 78 159	77x27	M25	16B	1/5
GW 78 413	104x27	PG21	24B	1/5
GW 78 414	104x27	PG29	24B	1/5
GW 78 415	104x27	M25	24B	1/5
GW 78 416	104x27	M32	24B	1/5

DATA SHEET



Size	A	B	C
10B - 57x27 -	73,5	43,5	80
16B - 77x27 -	94	43,5	80
24B - 104x27 -	120,5	43,5	80

D	M 20	M 25	M 32	Pg16	Pg21	Pg29
	24	24	25,5	24	24	25,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range. For IP65 and IP68 cable glands.

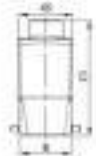
GW77849



4 PINS, HIGH CONSTRUCTION, DOUBLE TOP ENTRY, WITH THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 849	57x27	PG13,5x2	10B	1/5
GW 77 850	57x27	M20x2	10B	1/5
GW 78 080	77x27	PG16x2	16B	1/5
GW 78 081	77x27	PG21x2	16B	1/5
GW 78 082	77x27	M20x2	16B	1/5
GW 78 083	77x27	M25x2	16B	1/5
GW 78 329	104x27	PG21x2	24B	1/5
GW 78 330	104x27	PG29x2	24B	1/5
GW 78 331	104x27	M32x2	24B	1/5

DATA SHEET



Size	A	B	C	C1	D
10B - 57x27 -	73,5	43,5	80,5	95,5	24
16B - 77x27 -	94	43,5	80,5	95,5	38
24B - 104x27 -	120,5	43,5	80,5	95,5	53

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-ESHV, GW-EE, GW-HSB, GW-K, GW-EAV, GW-EHV range with crimp contacts.
For IP65 and IP68 cable glands. Without threaded sleeve only with IP68 cable glands.

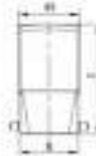
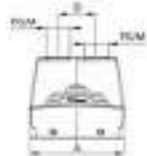
GW77851



4 PINS, HIGH CONSTRUCTION, DOUBLE TOP ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 851	57x27	M20x2	10B	1/5
GW 78 084	77x27	M20x2	16B	1/5
GW 78 085	77x27	M25x2	16B	1/5
GW 78 332	104x27	M32x2	24B	1/5

DATA SHEET



Size	A	B	C	C1	D
10B - 57x27 -	73,5	43,5	80,5	95,5	24
16B - 77x27 -	94	43,5	80,5	95,5	38
24B - 104x27 -	120,5	43,5	80,5	95,5	53

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-ESHV, GW-EE, GW-HSB, GW-K, GW-EAV, GW-EHV range with crimp contacts.
For IP65 and IP68 cable glands. Without threaded sleeve only with IP68 cable glands.

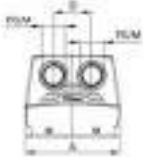
GW78086



4 PINS, HIGH CONSTRUCTION, DOUBLE FRONTAL ENTRY, WITH THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 78 086	77x27	PG21x2	16B	1/5
GW 78 087	77x27	M25x2	16B	1/5
GW 78 333	104x27	PG21x2	24B	1/5
GW 78 334	104x27	M25x2	24B	1/5

DATA SHEET



Size	A	B	C	D
16B - 77x27 -	94	43,5	80,5	38
24B - 104x27 -	120,5	43,5	80,5	53

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-ESHV, GW-EE, GW-HSB, GW-K, GW-EAV, GW-EHV range with crimp contacts.
For IP65 and IP68 cable glands. Without threaded sleeve only with IP68 cable glands.

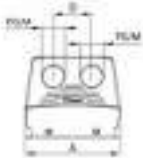
GW78088



4 PINS, HIGH CONSTRUCTION, DOUBLE FRONTAL ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 78 088	77x27	M25x2	16B	1/5
GW 78 335	104x27	M25x2	24B	1/5

DATA SHEET



Size	A	B	C	D
16B - 77x27 -	94	43,5	80,5	38
24B - 104x27 -	120,5	43,5	80,5	53

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-ESHV, GW-EE, GW-HSB, GW-K, GW-EAV, GW-EHV range with crimp contacts.
For IP65 and IP68 cable glands. Without threaded sleeve only with IP68 cable glands.

GW77853



4 PINS, HIGH CONSTRUCTION, WITHOUT ENTRY

Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 853	57x27	10B	1/5
GW 78 090	77x27	16B	1/5
GW 78 337	104x27	24B	1/5

DATA SHEET



Size	A	B	C
10B - 57x27 -	73,5	43,5	80
16B - 77x27 -	94	43,5	80
24B - 104x27 -	120,5	43,5	80

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
Recommended type for IP68 cable glands.

GW7715



SINGLE LEVER, TOP ENTRY

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 715	44x27	PG16	6B	1/5
GW 77 716	44x27	M20	6B	1/5
GW 77 717	44x27	M25	6B	1/5

DATA SHEET



NOTES: Type: STD for standard applications and inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range, size 6B «44x27». For IP65 and IP68 cable glands

GW76531



SINGLE LEVER, TOP ENTRY, WITH GASKET

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 531	44x27	PG16	6B	1/10
GW 76 581	44x27	M25	6B	1/10
GW 76 532	57x27	PG16	10B	1/5
GW 76 582	57x27	M25	10B	1/5
GW 76 533	77x27	PG21	16B	1/5
GW 76 583	77x27	M25	16B	1/5
GW 76 534	104x27	PG21	24B	1/5
GW 76 584	104x27	M32	24B	1/5
APPLICATIONS: 830V				
GW 76 693	57x27	PG16	10B	1/5
GW 76 723	57x27	M25	10B	1/5
GW 76 694	77x27	PG21	16B	1/5
GW 76 724	77x27	M25	16B	1/5
GW 76 695	104x27	PG21	24B	1/5
GW 76 725	104x27	M32	24B	1/5

DATA SHEET



Size	A	B	C	I	F
6B - 44x27 -	60	43,5	59	70,5	73
10B - 57x27 -	73,5	43,5	64	84	73
16B - 77x27 -	94	43,5	64	104	73
24B - 104x27 -	120,5	43,5	74	131	73

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range for applications over 500V (up to 830V).
For IP65 and IP68 cable glands

GW7718



SINGLE LEVER, SIDE ENTRY

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 718	44x27	PG16	6B	1/5
GW 77 719	44x27	M20	6B	1/5
GW 77 720	44x27	M25	6B	1/5

DATA SHEET



NOTES: Type: STD for standard applications and inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range, size 6B «44x27». For IP65 and IP68 cable glands

GW77815



SINGLE LEVER, HIGH CONSTRUCTION, TOP ENTRY, WITH THREADED COUPLING DEVICE AND GASKET				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 815	57x27	PG21	10B	1/5
GW 77 816	57x27	PG29	10B	1/5
GW 77 817	57x27	M25	10B	1/5
GW 77 818	57x27	M32	10B	1/5
GW 76 439	77x27	PG21	16B	1/5
GW 76 440	77x27	PG29	16B	1/5
GW 76 461	77x27	M25	16B	1/5
GW 76 462	77x27	M32	16B	1/5
GW 76 535	77x62	PG36	32B	1/5
GW 76 585	77x62	M40	32B	1/5
GW 76 441	104x27	PG21	24B	1/5
GW 76 442	104x27	PG29	24B	1/5
GW 76 463	104x27	M25	24B	1/5
GW 76 464	104x27	M32	24B	1/5
APPLICATIONS: 830V				
GW 77 925	57x27	PG21	10B	1/5
GW 77 926	57x27	PG29	10B	1/5
GW 77 927	57x27	M25	10B	1/5
GW 77 928	57x27	M32	10B	1/5
GW 78 161	77x27	PG21	16B	1/5
GW 78 162	77x27	PG29	16B	1/5
GW 78 163	77x27	M25	16B	1/5
GW 78 164	77x27	M32	16B	1/5
GW 78 417	104x27	PG21	24B	1/5
GW 78 418	104x27	PG29	24B	1/5
GW 78 419	104x27	M25	24B	1/5
GW 78 420	104x27	M32	24B	1/5

DATA SHEET



Size	A	B	C	I	F
10B - 57x27 -	73,5	43,5	103	84	73
16B - 77x27 -	94	43,5	103	104	73
24B - 104x27 -	120,5	43,5	103	131	73
32B - 77x62 -	94	83	119	104,5	116

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.
For IP65 and IP68 cable glands.

GW78065



SINGLE LEVER, HIGH CONSTRUCTION, TOP ENTRY, WITHOUT THREADED COUPLING DEVICE, WITH GASKET				
Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 78 065	77x27	PG21	16B	1/5
GW 78 066	77x27	PG29	16B	1/5
GW 78 049	77x27	M25	16B	1/5
GW 78 050	77x27	M32	16B	1/5
GW 78 338	104x27	PG21	24B	1/5
GW 78 339	104x27	PG29	24B	1/5
GW 78 340	104x27	M25	24B	1/5
GW 78 341	104x27	M32	24B	1/5
GW 78 525	77x62	PG36	32B	1/5
GW 78 534	77x62	M40	32B	1/5
APPLICATIONS: 830V				
GW 78 441	104x27	PG21	24B	1/5
GW 78 442	104x27	PG29	24B	1/5
GW 78 443	104x27	M25	24B	1/5
GW 78 444	104x27	M32	24B	1/5

DATA SHEET



Size	A	B	C	I	F
16B - 77x27 -	94	43,5	83	104	73
24B - 104x27 -	120,5	43,5	83	131	73
32B - 77x62 -	94	83	96	104,5	116

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range for applications over 500V (up to 830V). Recommended type for IP68 cable glands

①=May 2010

②=June 2010

③=September 2010

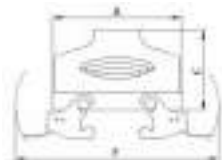
GW77819



2 LEVERS, TOP ENTRY

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 819	57x27	PG16	10B	1/5
GW 77 820	57x27	M20	10B	1/5
GW 77 821	57x27	M25	10B	1/5
GW 78 051	77x27	PG21	16B	1/5
GW 78 052	77x27	M25	16B	1/5
GW 78 053	77x27	M32	16B	1/5
GW 78 305	104x27	PG21	24B	1/5
GW 78 306	104x27	M25	24B	1/5
GW 78 307	104x27	M32	24B	1/5
APPLICATIONS: 830V				
GW 77 929	57x27	PG16	10B	1/5
GW 77 930	57x27	M20	10B	1/5
GW 77 931	57x27	M25	10B	1/5
GW 78 165	77x27	PG21	16B	1/5
GW 78 166	77x27	M25	16B	1/5
GW 78 167	77x27	M32	16B	1/5
GW 78 421	104x27	PG21	24B	1/5
GW 78 422	104x27	M25	24B	1/5
GW 78 423	104x27	M32	24B	1/5

DATA SHEET



Size	A	B	C	F	L
10B - 57x27 -	73,5	43,5	58	127	54
16B - 77x27 -	94	43,5	58	147	54
24B - 104x27 -	120,5	43,5	68	174	54

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range for applications over 500V (up to 830V).
For IP65 and IP68 cable glands

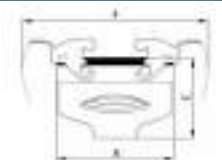
GW76536



2 LEVERS, TOP ENTRY, WITH GASKET

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 76 536	57x27	PG16	10B	1/5
GW 76 586	57x27	M25	10B	1/5
GW 76 537	77x27	PG21	16B	1/5
GW 76 587	77x27	M32	16B	1/5
GW 76 538	104x27	PG21	24B	1/5
GW 76 588	104x27	M32	24B	1/5
APPLICATIONS: 830V				
GW 76 696	57x27	PG16	10B	1/5
GW 76 726	57x27	M25	10B	1/5
GW 76 727	77x27	M25	16B	1/5
GW 76 697	77x27	M32	16B	1/5
GW 76 698	104x27	PG21	24B	1/5
GW 76 728	104x27	M32	24B	1/5

DATA SHEET



Size	A	B	C	F	L
10B - 57x27 -	73,5	43,5	64	127	54
16B - 77x27 -	94	43,5	64	147	54
24B - 104x27 -	120,5	43,5	74	147	54

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range for applications over 500V (up to 830V).
For IP65 and IP68 cable glands

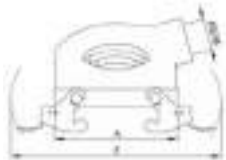
GW77826



2 LEVERS, SIDE ENTRY

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 826	57x27	PG16	10B	1/5
GW 77 827	57x27	M20	10B	1/5
GW 77 828	57x27	M25	10B	1/5
GW 78 058	77x27	PG21	16B	1/5
GW 78 059	77x27	M25	16B	1/5
GW 78 060	77x27	M32	16B	1/5
GW 78 312	104x27	PG21	24B	1/5
GW 78 313	104x27	M25	24B	1/5
GW 78 314	104x27	M32	24B	1/5
APPLICATIONS: 830V				
GW 77 936	57x27	PG16	10B	1/5
GW 77 937	57x27	M20	10B	1/5
GW 77 938	57x27	M25	10B	1/5
GW 78 172	77x27	PG21	16B	1/5
GW 78 173	77x27	M25	16B	1/5
GW 78 174	77x27	M32	16B	1/5
GW 78 428	104x27	PG21	24B	1/5
GW 78 429	104x27	M25	24B	1/5
GW 78 430	104x27	M32	24B	1/5

DATA SHEET



Size	A	B	C	F	L
10B - 57x27 -	73,5	43,5	52	127	54
16B - 77x27 -	94	43,5	63	147	54
24B - 104x27 -	120,5	43,5	63	174	54

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range for applications over 500V (up to 830V).

For IP65 and IP68 cable glands

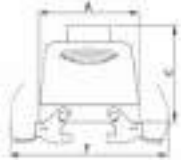
GW77822



2 LEVERS, HIGH CONSTRUCTION, TOP ENTRY, WITH THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 822	57x27	PG21	10B	1/5
GW 77 823	57x27	PG29	10B	1/5
GW 77 824	57x27	M32	10B	1/5
GW 77 825	57x27	M40	10B	1/5
GW 78 054	77x27	PG21	16B	1/5
GW 78 055	77x27	PG29	16B	1/5
GW 78 056	77x27	M32	16B	1/5
GW 78 057	77x27	M40	16B	1/5
GW 78 308	104x27	PG21	24B	1/5
GW 78 309	104x27	PG29	24B	1/5
GW 78 310	104x27	M32	24B	1/5
GW 78 311	104x27	M40	24B	1/5
GW 78 535	77x62	PG36	32B	1/5
GW 78 536	77x62	M40	32B	1/5
APPLICATIONS: 830V				
GW 77 932	57x27	PG21	10B	1/5
GW 77 933	57x27	PG29	10B	1/5
GW 77 934	57x27	M32	10B	1/5
GW 77 935	57x27	M40	10B	1/5
GW 78 168	77x27	PG21	16B	1/5
GW 78 169	77x27	PG29	16B	1/5
GW 78 170	77x27	M32	16B	1/5
GW 78 171	77x27	M40	16B	1/5
GW 78 424	104x27	PG21	24B	1/5
GW 78 425	104x27	PG29	24B	1/5
GW 78 426	104x27	M32	24B	1/5
GW 78 427	104x27	M40	24B	1/5

DATA SHEET



Size	A	B	C	F	L
10B - 57x27 -	73,5	43,5	97	127	54
16B - 77x27 -	94	43,5	97	147	54
24B - 104x27 -	120,5	43,5	97	174	54
32B - 77x62 -	94	83	113	147	93,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range. For IP65 and IP68 cable glands

GW77833



2 LEVERS, HIGH CONSTRUCTION, TOP ENTRY, WITH THREADED COUPLING DEVICE AND GASKET

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 833	57x27	PG21	10B	1/5
GW 77 834	57x27	M25	10B	1/5
GW 77 835	57x27	M32	10B	1/5
GW 77 836	57x27	M40	10B	1/5
GW 76 435	77x27	PG21	16B	1/5
GW 76 436	77x27	PG29	16B	1/5
GW 76 457	77x27	M25	16B	1/5
GW 76 458	77x27	M32	16B	1/5
GW 76 437	104x27	PG21	24B	1/5
GW 76 438	104x27	PG29	24B	1/5
GW 76 459	104x27	M25	24B	1/5
GW 76 460	104x27	M32	24B	1/5
GW 76 539	77x62	PG29	32B	1/5
GW 76 540	77x62	PG36	32B	1/5
GW 76 541	77x62	PG42	32B	1/5
GW 76 589	77x62	M32	32B	1/5
GW 76 590	77x62	M40	32B	1/5
GW 76 591	77x62	M50	32B	1/5
APPLICATIONS: 830V				
GW 77 943	57x27	PG21	10B	1/5
GW 77 944	57x27	PG29	10B	1/5
GW 77 945	57x27	M25	10B	1/5
GW 77 946	57x27	M32	10B	1/5
GW 78 180	77x27	PG21	16B	1/5
GW 78 181	77x27	PG29	16B	1/5
GW 78 182	77x27	M25	16B	1/5
GW 78 183	77x27	M32	16B	1/5
GW 78 435	104x27	PG21	24B	1/5
GW 78 436	104x27	PG29	24B	1/5
GW 78 437	104x27	M25	24B	1/5
GW 78 438	104x27	M32	24B	1/5

DATA SHEET



Size	A	B	C	F	L
10B - 57x27 -	73,5	43,5	103	127	54
16B - 77x27 -	94	43,5	103	147	54
24B - 104x27 -	120,5	43,5	103	174	54
32B - 77x62 -	94	83	119	147	93,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.
For IP65 and IP68 cable glands

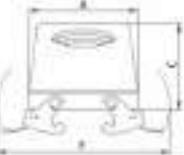
GW78601



2 LEVERS, HIGH CONSTRUCTION, TOP ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 78 601	77x62	PG36	32B	1/5
GW 78 539	77x62	M40	32B	1/5

DATA SHEET



Size	A	B	C	F	L
32B - 77x62 -	94	83	90	147	93,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

GW77837



2 LEVERS, HIGH CONSTRUCTION, TOP ENTRY, WITHOUT THREADED COUPLING DEVICE, WITH GASKET

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 837	57x27	PG21	10B	1/5
GW 77 838	57x27	M25	10B	1/5
GW 77 839	57x27	M32	10B	1/5
GW 77 840	57x27	M40	10B	1/5
GW 78 067	77x27	PG21	16B	1/5
GW 78 068	77x27	PG29	16B	1/5
GW 78 070	77x27	M25	16B	1/5
GW 78 071	77x27	M32	16B	1/5
GW 78 342	104x27	PG21	24B	1/5
GW 78 343	104x27	PG29	24B	1/5
GW 78 319	104x27	M25	24B	1/5
GW 78 320	104x27	M32	24B	1/5
GW 78 603	77x62	PG29	32B	1/5
GW 78 604	77x62	PG36	32B	1/5
GW 78 605	77x62	PG42	32B	1/5
GW 78 541	77x62	M32	32B	1/5
GW 78 542	77x62	M40	32B	1/5
GW 78 543	77x62	M50	32B	1/5
APPLICATIONS: 830V				
GW 78 445	104x27	PG21	24B	1/5
GW 78 446	104x27	PG29	24B	1/5
GW 78 447	104x27	M25	24B	1/5
GW 78 448	104x27	M32	24B	1/5

DATA SHEET



Size	A	B	C	F	L
10B - 57x27 -	73,5	43,5	83	127	54
16B - 77x27 -	94	43,5	83	147	54
24B - 104x27 -	120,5	43,5	83	174	54
32B - 77x62 -	94	83	96	147	93,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range. Recommended type for IP68 cable glands

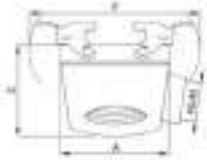
GW77829



2 LEVERS, HIGH CONSTRUCTION, SIDE ENTRY, WITH THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 829	57x27	PG21	10B	1/5
GW 77 830	57x27	PG29	10B	1/5
GW 77 831	57x27	M32	10B	1/5
GW 77 832	57x27	M40	10B	1/5
GW 78 061	77x27	PG21	16B	1/5
GW 78 062	77x27	PG29	16B	1/5
GW 78 063	77x27	M32	16B	1/5
GW 78 064	77x27	M40	16B	1/5
GW 78 315	104x27	PG21	24B	1/5
GW 78 316	104x27	PG29	24B	1/5
GW 78 317	104x27	M32	24B	1/5
GW 78 318	104x27	M40	24B	1/5
GW 78 537	77x62	PG36	32B	1/5
GW 78 538	77x62	M40	32B	1/5
APPLICATIONS: 830V				
GW 77 939	57x27	PG21	10B	1/5
GW 77 940	57x27	PG29	10B	1/5
GW 77 941	57x27	M32	10B	1/5
GW 77 942	57x27	M40	10B	1/5
GW 78 175	77x27	PG21	16B	1/5
GW 78 176	77x27	PG29	16B	1/5
GW 78 177	77x27	M32	16B	1/5
GW 78 178	77x27	M40	16B	1/5
GW 78 431	104x27	PG21	24B	1/5
GW 78 432	104x27	PG29	24B	1/5
GW 78 433	104x27	M32	24B	1/5
GW 78 434	104x27	M40	24B	1/5

DATA SHEET



Size	A	B	C	F	L
10B - 57x27 -	73,5	43,5	80	127	54
16B - 77x27 -	94	43,5	80	147	54
24B - 104x27 -	120,5	43,5	80	174	54
32B - 77x62 -	94	83	94	147	93,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
830V type for standard applications and inserts up to 830V: GW-EHV range with screw terminals and GW-HSB range.
For IP65 and IP68 cable glands

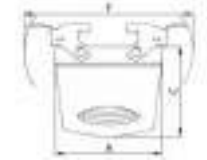
GW78602



2 LEVERS, HIGH CONSTRUCTION, SIDE ENTRY, WITHOUT THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 78 602	77x62	PG36	32B	1/5
GW 78 540	77x62	M40	32B	1/5

DATA SHEET



Size	A	B	C	F	L
32B - 77x62 -	94	83	94	147	93,5

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
Recommended type for IP68 cable glands.

GW77666



CENTRAL LEVER, HIGH CONSTRUCTION, TOP ENTRY, WITH THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 666	44x27	PG21	6B	1/5
GW 77 667	44x27	PG29	6B	1/5
GW 77 668	44x27	M25	6B	1/5
GW 77 669	44x27	M32	6B	1/5
GW 77 841	57x27	PG21	10B	1/5
GW 77 842	57x27	PG29	10B	1/5
GW 77 843	57x27	M32	10B	1/5
GW 77 844	57x27	M40	10B	1/5
GW 78 072	77x27	PG21	16B	1/5
GW 78 073	77x27	PG29	16B	1/5
GW 78 074	77x27	M32	16B	1/5
GW 78 075	77x27	M40	16B	1/5
GW 78 321	104x27	PG21	24B	1/5
GW 78 322	104x27	PG29	24B	1/5
GW 78 323	104x27	M32	24B	1/5
GW 78 324	104x27	M40	24B	1/5

DATA SHEET



Size	A	B	C	D	F
6B - 44x27 -	60	43,5	97	70	56
10B - 57x27 -	73,5	43,5	97	70	56
16B - 77x27 -	94	43,5	97	76	56
24B - 104x27 -	120,5	43,5	97	87	56

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.
For IP65 and IP68 cable glands.

GW77670



CENTRAL LEVER, HIGH CONSTRUCTION, SIDE ENTRY, WITH THREADED COUPLING DEVICE

Code	Size	Type of pitch	Size	Pack Carton
APPLICATIONS: STANDARD				
GW 77 670	44x27	PG21	6B	1/5
GW 77 671	44x27	PG29	6B	1/5
GW 77 672	44x27	M25	6B	1/5
GW 77 673	44x27	M32	6B	1/5
GW 77 845	57x27	PG21	10B	1/5
GW 77 846	57x27	PG29	10B	1/5
GW 77 847	57x27	M32	10B	1/5
GW 77 848	57x27	M40	10B	1/5
GW 78 076	77x27	PG21	16B	1/5
GW 78 077	77x27	PG29	16B	1/5
GW 78 078	77x27	M32	16B	1/5
GW 78 079	77x27	M40	16B	1/5
GW 78 325	104x27	PG21	24B	1/5
GW 78 326	104x27	PG29	24B	1/5
GW 78 327	104x27	M32	24B	1/5
GW 78 328	104x27	M40	24B	1/5

DATA SHEET



Size	A	B	C	D	F
6B - 44x27 -	60	43,5	80	70	56
10B - 57x27 -	73,5	43,5	80	70	56
16B - 77x27 -	94	43,5	80	76	56
24B - 104x27 -	120,5	43,5	80	87	56

NOTES: Type: STD for standard applications and inserts up to 500V, GW-D, GW-DD, GW-E, GW-ES, GW-EE, GW-HSB, GW-ESHV, GW-K, GW-EAV, GW-EHV range with crimp contacts.

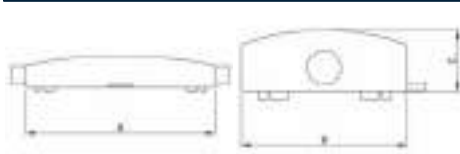
LIDS

GW76813



2 PINS			
Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 76 813	44x27	6B	1/25
GW 76 814	57x27	10B	1/25
GW 76 815	77x27	16B	1/25
GW 76 816	104x27	24B	1/25
GW 76 817	77x62	32B	1/10
APPLICATIONS: EMC			
GW 77 708	44x27	6B	1/25

DATA SHEET



Size	A	B	C
6B - 44x27 -	60	43	16
10B - 57x27 -	73	43	16
16B - 77x27 -	94	43	16
24B - 104x27 -	120	43	17
32B - 77x62 -	94	83	18

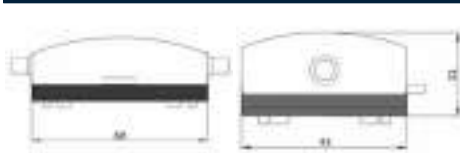
NOTES: Type: STD for standard applications and inserts up to 500V
Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V for housings with 1 lever.

GW77674



2 PINS, WITH GASKET			
Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 77 674	44x27	6B	1/25

DATA SHEET



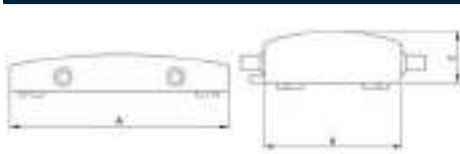
NOTES: Type: STD for standard applications and inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range, size 6B «44x27»

GW76805



4 PINS			
Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 76 805	57x27	10B	1/25
GW 76 806	77x27	16B	1/25
GW 76 807	104x27	24B	1/25
GW 76 808	77x62	32B	1/10
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 78 218	77x27	16B	1/25
GW 78 468	104x27	24B	1/25
GW 78 560	77x62	32B	1/10
APPLICATIONS: EMC			
GW 77 978	57x27	10B	1/25
GW 78 236	77x27	16B	1/25
GW 78 496	104x27	24B	1/25

DATA SHEET



Size	A	B	C
10B - 57x27 -	73	43	16
16B - 77x27 -	94	43	16
24B - 104x27 -	120	43	17
32B - 77x62 -	94	83	18

NOTES: Type: STD for standard applications for inserts up to 500V for housings with 2 levers
Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V for housings with 2 levers
Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V for housings with 2 levers

GW76818



SINGLE LEVER, WITH GASKET

Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 76 818	44x27	6B	1/25
GW 76 819	57x27	10B	1/25
GW 76 820	77x27	16B	1/25
GW 76 821	104x27	24B	1/25
GW 76 822	77x62	32B	1/10
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 690	44x27	6B	1/25
APPLICATIONS: EMC			
GW 77 709	44x27	6B	1/25

DATA SHEET



Size	A	B	C	I	F
6B - 44x27 -	60	43	22	70,5	73
10B - 57x27 -	73	43	22	83,5	73
16B - 77x27 -	94	43	22	104	73
24B - 104x27 -	120	43	23	130,5	73
32B - 77x62 -	94	83	24	104,5	116

NOTES: Type: STD for standard applications for inserts up to 500V for housings with 2 levers.
 Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V for mobile housings with 2 pins.
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range

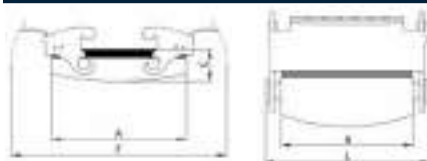
GW76809



2 LEVERS, WITH GASKET

Code	Size	Size	Pack Carton
APPLICATIONS: STANDARD			
GW 76 809	57x27	10B	1/25
GW 76 810	77x27	16B	1/25
GW 76 811	104x27	24B	1/25
GW 76 812	77x62	32B	1/10
APPLICATIONS: HARSH ENVIRONMENTAL			
GW 77 960	57x27	10B	1/25
GW 78 219	77x27	16B	1/25
GW 78 469	104x27	24B	1/25
GW 78 561	77x62	32B	1/10
APPLICATIONS: EMC			
GW 77 979	57x27	10B	1/25
GW 78 237	77x27	16B	1/25
GW 78 497	104x27	24B	1/25

DATA SHEET



Size	A	B	C	F		L
				Std/Emc	He	
10B - 57x27 -	73	43	22	127	123	54
16B - 77x27 -	94	43	22	147	143	54
24B - 104x27 -	120	43	23	174	170	54
32B - 77x62 -	94	83	24	147	143	93,5

NOTES: Type: STD for standard applications for inserts up to 500V for housings with 2 levers
 Type: EMC for applications where electromagnetic compatibility is required, for inserts up to 500V for housings with 4 pins
 Type: Harsh environmental (HE) for aggressive environments and inserts up to 500V, GW-DD, GW-E, GW-ES, GW-EE, GW-EAV range

HOUSINGS ACCESSORIES

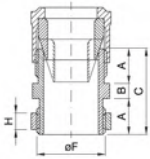
GW52003



SHOCKPROOF POLYMER CABLE GLANDS - PG PITCH - GREY RAL 7035 - IP66

Code	Type of pitch	For cables Ø (mm)	Pack Carton
GW 52 003	PG11	from 7 to 10.5	25/500
GW 52 004	PG13,5	from 9 to 12.5	25/500
GW 52 005	PG16	from 13 to 16	25/375
GW 52 006	PG21	from 8 to 10/from 17 to 20	25/400
GW 52 007	PG29	from 13.5 to 15/from 21 to 26	25/250
GW 52 008	PG36	from 17 to 20/from 30 to 34	10/130
GW 52 009	PG42	from 36 to 39/from 40 to 43	6/120

DATA SHEET



Code	A	B	C	E	H	F
GW52003	10,5	4	25	22	5	18,6
GW52004	12	4,5	28,5	24	5,5	20,4
GW52005	13	5	31	27	6	22,5
GW52006	14	6	34	32	6,5	28,3
GW52007	15	8	38	41	8	37
GW52008	18	9	45	55	9	47
GW52009	20	9	49	62	10	54

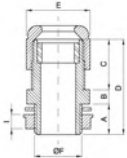
GW52044



SHOCKPROOF POLYMER CABLE GLANDS - METRIC PITCH - GREY RAL7035 - IP68

Code	Type of pitch	For cables Ø (mm)	Pack Carton
GW 52 044	M20	from 10 to 14	25/300
GW 52 045	M25	from 13 to 18	25/200
GW 52 046	M32	from 18 to 25	25/150
GW 52 047	M40	from 22 to 32	10/120
GW 52 048	M50	from 30 to 38	6/84

DATA SHEET



Code	A	B	C	D	E	I	F
GW52044	13	6	22	41	27	6	M20x1,5
GW52045	14,5	6	22	42,5	33	7	M25x1,5
GW52046	15	7	27	49	42	8	M32x1,5
GW52047	18	9	33	60	54	8	M40x1,5
GW52048	14,5	9	34,5	58	61	8	M50x1,5

GW76837



INSULATED CABLE GLAND - IP65

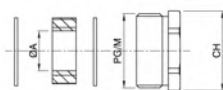
Code	Type of pitch	Seals ø (mm)	Pack Carton
GW 76 837	PG11	7.5 / 10 / 12.5	1/50
GW 76 839	M20	4 / 7 / 10 / 13	1/50



METAL CABLE GLANDS - IP65

Code	Type of pitch	Seals ø (mm)	Pack Carton
GW 76 841	PG11	7.5 / 10 / 12.5	1/50
GW 76 842	PG13,5	7.5 / 10 / 12.5	1/50
GW 76 843	PG16	7.5 / 10 / 12.5	1/50
GW 76 844	PG21	10 / 13 / 16 / 19	1/50
GW 76 845	PG29	18 / 21 / 24 / 27	1/10
GW 76 846	PG36	24 / 27 / 30 / 33	1/10
GW 76 847	PG42	30 / 33 / 36 / 39	1/10
GW 76 848	M20	4 / 7 / 10 / 13	1/50
GW 76 849	M25	8.5 / 11.5 / 14.5 / 17.5	1/50
GW 76 850	M32	16 / 19 / 22 / 25	1/10
GW 76 851	M40	23 / 26 / 29 / 32	1/10
GW 76 852	M50	30 / 33 / 36 / 39	1/10

DATA SHEET



Code	Material	PG/M	CH	Seal 1 ÿ A	Seal 2 ÿ A	Seal 3 ÿ A	Seal 4 ÿ A
GW76837	plastico	PG11	CH19	7,5	10	12,5	
GW76839	plastico	M20	CH20	4	7	10	13
GW76841	metallico	PG11	CH18	7,5	10	12,5	
GW76842	metallico	PG13,5	CH20	7,5	10	12,5	
GW76843	metallico	PG16	CH22	7,5	10	12,5	15
GW76844	metallico	PG21	CH28	10	13	16	19
GW76845	metallico	PG29	CH37	18	21	24	27
GW76846	metallico	PG36	CH47	24	27	30	33
GW76847	metallico	PG42	CH54	30	33	36	39
GW76848	metallico	M20	CH20	4	7	10	13
GW76849	metallico	M25	CH25	8,5	11,5	14,5	17,5
GW76850	metallico	M32	CH32	16	19	22	25
GW76851	metallico	M40	CH40	23	26	29	32
GW76852	metallico	M50	CH50	30	33	36	39



METAL CABLE GLANDS - IP68

Code	Type of pitch	For cables Ø (mm)	Pack Carton
GW 76 825	PG11	from 4 to 9	10/100
GW 76 826	PG13,5	from 7 to 11	10/100
GW 76 827	PG16	from 10 to 13	10/100
GW 76 828	PG21	from 12 to 17	5/50
GW 76 829	PG29	from 17 to 24	5/50
GW 76 830	PG36	from 20 to 26 / from 27 to 34	5/50
GW 76 897	PG42	from 32 to 36	2/10
GW 76 896	M16	from 4 to 9	10/100
GW 76 831	M20	from 10 to 13	10/100
GW 76 832	M25	from 12 to 17	10/100
GW 76 833	M32	from 14 to 21	5/50
GW 76 834	M40	from 19 to 27	5/50
GW 76 835	M50	from 25 to 34	2/10

DATA SHEET



Code	PG/M	CH1	CH2	A
GW76825	PG11	CH20	CH20	6
GW76826	PG13,5	CH22	CH22	6,5
GW76827	PG16	CH24	CH24	6,5
GW76828	PG21	CH30	CH30	7
GW76829	PG29	CH40	CH40	8
GW76830	PG36	CH50	CH50	9
GW76897	PG42	CH60	CH60	9
GW76896	M16	CH20	CH20	6
GW76831	M20	CH24	CH24	6,5
GW76832	M25	CH30	CH30	7
GW76833	M32	CH40	CH40	8
GW76834	M40	CH50	CH50	9
GW76835	M50	CH60	CH60	9

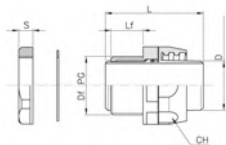
GW76829



STRAIGHT, REVOLVING COUPLING DEVICE - PG PITCH - RDPG - IP54

Code	Type of pitch	Sheath Ø (mm)	Pack Carton
DX 54 412	PG11	12	10/100
DX 54 416	PG13,5	16	10/150
DX 54 417	PG16	16	10/150
DX 54 420	PG21	20	10/100
DX 54 425	PG29	25	5/60
DX 54 432	PG36	32	5/30
DX 54 016	M20	16	10/150
DX 54 020	M25	20	10/100
DX 54 025	M32	25	5/60
DX 54 032	M40	32	5/30
DX 54 040	M50	40	25

DATA SHEET



Code	For sheaths y (mm)	Df	Lf	L	S	CH	CH nut
DX54412	12	PG11	10	39,5	7	22	24
DX54416	16	PG13,5	12,5	44,5	7	24	30
DX54417	16	PG16	12,5	44,5	7	24	30
DX54420	20	PG21	13,5	48	8	30	34
DX54425	25	PG29	15,5	54	8	38	38
DX54432	32	PG36	16,5	56,5	9	45	55
DX54016	16	M20x1,5	12,5	44,5	7		24
DX54020	20	M25x1,5	13,5	48	8		30
DX54025	25	M32x1,5	15,5	54	8		38
DX54032	32	M40x1,5	16,5	56,5	9		45
DX54040	40	M50x1,5	20,5	62	9		53

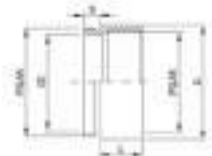
GW78831



METAL THREADED COUPLING DEVICES

Code	Type of pitch	Length internal thread(L)	External diameter (D) (mm)	Internal diameter (D1) (mm)	Pack Carton
GW 78 831	PG16-PG16	12	26	16,5	10/100
GW 78 832	PG21-PG21	13	32	22,5	10/100
GW 78 833	PG29-PG29	14,5	41	31,5	10/50
GW 78 834	PG36-PG36	17,5	51	41,5	10/50
GW 78 835	PG42-PG42	20	58	48,5	10/50
GW 78 836	M20-M20	12	24	14,5	10/100
GW 78 837	M25-M25	15	29	19	10/100
GW 78 838	M32-M32	16,5	36	26	10/100
GW 78 839	M40-M40	19,5	44	34	10/50
GW 78 840	M50-M50	22	54	44	10/50

DATA SHEET



NOTES: Thread: metric with pitch of 1.5 in compliance with EN 50262. PG in compliance with DIN 40430
 IP degree of protection: it depends on the other components with which they are coupled
 Work temperature: -40 / +200°C
 Materials: Nickel-plated brass
 Applications: For HC (high construction) housings, flexible tubes, and other applications such as extensions

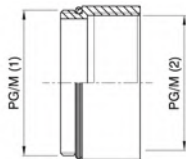
GW76867



METAL ENLARGING ADAPTERS - IP65

Code	Type of pitch	Pack Carton
GW 76 865	PG11-PG13,5	10/100
GW 76 866	PG13,5-PG16	10/100
GW 76 867	PG16-PG21	10/100
GW 76 868	PG21-PG29	5/50
GW 76 869	PG29-PG36	5/50
GW 76 870	M20-M25	10/100
GW 76 871	M25-M32	10/100
GW 76 872	M32-M40	5/50
GW 76 873	M40-M50	5/50

DATA SHEET



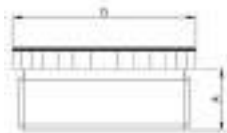
GW78811



METAL REDUCERS

Code	Type of pitch	Diameter (D) (mm)	Height (A) (mm)	Pack Carton
GW 78 811	PG13,5-PG11	22	6,5	100
GW 78 812	PG16-PG13,5	22	6,5	100
GW 78 813	PG21-PG16	30	7	100
GW 78 814	PG29-PG21	39	8	100
GW 78 815	PG36-PG29	50	9	50
GW 78 816	PG42-PG36	57	10	50
GW 78 817	PG48-PG42	64	10	50
GW 78 818	M25-M20	27	7	100
GW 78 819	M32-M25	34	8	100
GW 78 820	M40-M32	43	8	50
GW 78 821	M50-M40	53	9	50

DATA SHEET



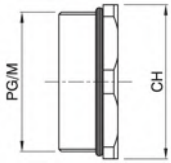
NOTES: Thread: Metric with pitch of 1.5 in compliance with EN 50262. PG in compliance with DIN 40430
 IP degree of protection: it depends on the other components with which they are coupled
 Work temperature: -60 / +200°C
 Materials: Shell in nickel-plated brass
 Applications: when necessary, it allows the size of the available threaded hole to be reduced



METAL BLANKING PLUGS - IP65

Code	Type of pitch	Pack Carton
GW 76 980	PG11	10/100
GW 76 981	PG13,5	10/100
GW 76 982	PG16	10/100
GW 76 983	PG21	10/100
GW 76 984	PG29	5/50
GW 76 985	PG36	5/50
GW 76 986	PG42	5/50
GW 76 975	M20	10/100
GW 76 976	M25	10/100
GW 76 977	M32	10/100
GW 76 978	M40	5/50
GW 76 979	M50	5/50

DATA SHEET



GW78861



LOWER GASKETS FOR FLUSH-MOUNTING HOUSINGS

Code	For housings	Pack Carton
GW 78 861	21x21	10
GW 78 871	32x13	10
GW 78 862	49x16	10
GW 78 863	66x16	10
GW 78 864	66x40	10
GW 78 865	44x27	10
GW 78 866	57x27	10
GW 78 867	77x27	10
GW 78 868	104x27	10
GW 78 869	77x62	10
GW 78 870	104x62	10

COMPLETE CONNECTORS

GW76741



21X21, SIZE 3A, 3P+E, 10A, 250V IN INSULATING MATERIAL

Code	Housing	Hood	Type of pitch	Pack Carton
GW 76 741	Angled flush-mounting	Vertical output	PG11	1/10
GW 76 742	For flush-mounting	Vertical output	PG11	1/10

GW76746



21X21, SIZE 3A, 3P+E, 10A, 250V IN METAL

Code	Housing	Hood	Type of pitch	Pack Carton
GW 76 745	Angled flush-mounting	Vertical output	PG11	1/10
GW 76 746	For flush-mounting	Vertical output	PG11	1/10

GW76744



21X21, SIZE 3A, 4P+E, 10A, 250V IN INSULATING MATERIAL

Code	Housing	Hood	Type of pitch	Pack Carton
GW 76 743	Angled flush-mounting	Vertical output	PG11	1/10
GW 76 744	For flush-mounting	Vertical output	PG11	1/10

GW76747



21X21, SIZE 3A, 4P+E, 10A, 250V IN METAL

Code	Housing	Hood	Type of pitch	Pack Carton
GW 76 747	Angled flush-mounting	Vertical output	PG11	1/10
GW 76 748	For flush-mounting	Vertical output	PG11	1/10

GW76749



44X27, SIZE 6B, 6P+E, 16A, 500V

Code	Housing	Hood	Type of pitch	Pack Carton
GW 76 749	For flush-mounting	Horizontal output	PG16	1/5
GW 76 754	For flush-mounting	Vertical output	PG16	1/5
GW 76 759	Surface-mounting	Horizontal output	PG16	1/5
GW 76 764	Surface-mounting	Vertical output	PG16	1/5

GW76755



57X27, SIZE 10B, 10P+E, 16A, 500V

Code	Housing	Hood	Type of pitch	Pack Carton
GW 76 750	For flush-mounting	Horizontal output	PG16	1/5
GW 76 755	For flush-mounting	Vertical output	PG16	1/5
GW 76 760	Surface-mounting	Horizontal output	PG16	1/5
GW 76 765	Surface-mounting	Vertical output	PG16	1/5

GW76761



77X27, SIZE 16B, 16P+E, 16A, 500V

Code	Housing	Hood	Type of pitch	Pack Carton
GW 76 751	For flush-mounting	Horizontal output	PG21	1/5
GW 76 756	For flush-mounting	Vertical output	PG21	1/5
GW 76 761	Surface-mounting	Horizontal output	PG21	1/5
GW 76 766	Surface-mounting	Vertical output	PG21	1/5

GW76767



104X27, SIZE 24B, 24P+E, 16A, 500V

Code	Housing	Hood	Type of pitch	Pack Carton
GW 76 752	For flush-mounting	Horizontal output	PG21	1/2
GW 76 757	For flush-mounting	Vertical output	PG21	1/2
GW 76 762	Surface-mounting	Horizontal output	PG21	1/2
GW 76 767	Surface-mounting	Vertical output	PG21	1/2

GW76753



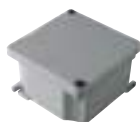
77X62, SIZE 32B, 32P+E, 16A, 500V

Code	Housing	Hood	Type of pitch	Pack Carton
GW 76 753	For flush-mounting	Horizontal output	PG36	1/2
GW 76 758	For flush-mounting	Vertical output	PG36	1/2
GW 76 763	Surface-mounting	Horizontal output	PG36	1/2
GW 76 768	Surface-mounting	Vertical output	PG36	1/2

SURFACE-MOUNTING JUNCTION BOXES

PAINTED METAL BOXES

GW76261



METALLISED GREY

Code	Internal dimensions (mm)	Degree of protection	Pack Carton
GW 76 261	91x91x54	IP66	1/40
GW 76 262	128x103x57	IP66	1/32
GW 76 263	155x130x58	IP66	1/24
GW 76 264	178x156x75	IP66	1/16
GW 76 265	239x202x85	IP66	1/8
GW 76 266	294x244x114	IP66	1/4
GW 76 267	392x298x144	IP55	1

RAW METAL BOXES

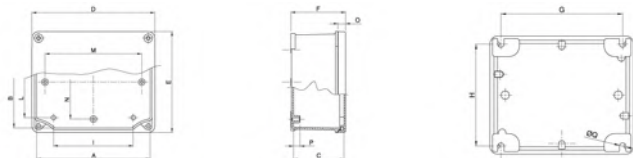
GW76281



BOXES

Code	Internal dimensions (mm)	Degree of protection	Pack Carton
GW 76 281	91x91x54	IP66	1/40
GW 76 282	128x103x57	IP66	1/32
GW 76 283	155x130x58	IP66	1/24
GW 76 284	178x156x75	IP66	1/16
GW 76 285	239x202x85	IP66	1/8
GW 76 286	294x244x114	IP66	1/4
GW 76 287	392x298x144	IP65	1

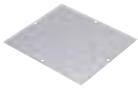
DATA SHEET



Code	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q
GW76261/GW76281	91	91	54	101	101	58	86	80	52,5	42,5	-	-	8,3	7,5	6,1
GW76262/GW76282	128	103	57	138,5	113,5	61,5	117,5	101	60	50	109	-	8,5	7,3	6,1
GW76263/GW76283	155	130	58	165,5	140,5	63,5	144	125	104,5	102	135	110	8,6	7,2	6,1
GW76264/GW76284	178	156	75	189	167	80	168	153	117	129,5	140	120	8,7	7,1	6,1
GW76265/GW76285	239	202	85	252	215	91	221	194	178	164	208	168	9	8,7	8,7
GW76266/GW76286	294	244	114	307	257	120,5	275	236	208	193,5	256	210	9,2	8,5	8,7
GW76267/GW76287	392	298	144	406,5	312,5	151	367	283	290	237	320	230	9,6	8,5	8,7

TECHNICAL COMPONENTS

GW76272



BACK-MOUNTING PLATE IN GALVANISED STEEL

Code	For boxes with dimensions (mm)	Pack Carton
GW 76 272	128x103	1/10
GW 76 273	155x130	1/10
GW 76 274	178x156	1/10
GW 76 275	239x202	1/5
GW 76 276	294x244	1/5
GW 76 277	392x298	1/5

GW76825



METAL CABLE GLANDS - IP68

Code	Type of pitch	For cables Ø (mm)	Pack Carton
GW 76 825	PG11	from 4 to 9	10/100
GW 76 826	PG13,5	from 7 to 11	10/100
GW 76 827	PG16	from 10 to 13	10/100
GW 76 828	PG21	from 12 to 17	5/50
GW 76 829	PG29	from 17 to 24	5/50
GW 76 830	PG36	from 20 to 26 / from 27 to 34	5/50
GW 76 897	PG42	from 32 to 36	2/10
GW 76 896	M16	from 4 to 9	10/100
GW 76 831	M20	from 10 to 13	10/100
GW 76 832	M25	from 12 to 17	10/100
GW 76 833	M32	from 14 to 21	5/50
GW 76 834	M40	from 19 to 27	5/50
GW 76 835	M50	from 25 to 34	2/10

DATA SHEET

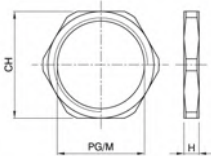
GW76957



FIXING NUTS

Code	Type of pitch	Pack Carton
GW 76 957	PG11	25/100
GW 76 958	PG13,5	25/100
GW 76 959	PG16	25/100
GW 76 960	PG21	25/100
GW 76 961	PG29	25/100
GW 76 962	PG36	10/50
GW 76 963	PG42	10/50
GW 76 951	M16	25/100
GW 76 952	M20	25/100
GW 76 953	M25	25/100
GW 76 954	M32	25/100
GW 76 955	M40	10/50
GW 76 956	M50	10/50

DATA SHEET



Code	PG/M	CH	H
GW76957	PG11	21	3
GW76958	PG13,5	23	3
GW76959	PG16	26	3
GW76960	PG21	32	3,5
GW76961	PG29	41	4
GW76962	PG36	51	5
GW76963	PG42	60	5
GW76951	M16	19	2,8
GW76952	M20	23	3
GW76953	M25	29	3,5
GW76954	M32	36	4
GW76955	M40	45	4,5
GW76956	M50	55	5,5

ATEX - JUNCTION BOXES - ZONE 2 (G) ZONE 22 (D)

PAINTED BOXES IN DIE-CAST ALUMINIUM

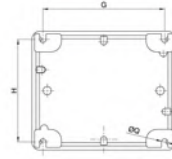
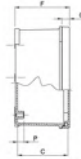
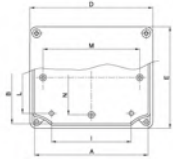
GW76291



METALLISED GREY

Code	Internal dimensions (mm)	Pack Carton
GW 76 291	91x91x54	1/40
GW 76 292	128x103x57	1/32
GW 76 293	155x130x58	1/24
GW 76 294	178x156x75	1/16
GW 76 295	239x202x85	1/8
GW 76 296	294x244x114	1/4

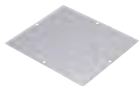
DATA SHEET



Code	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q
GW76291	91	91	54	101	101	58	86	80	52,5	42,5	-	-	8,3	7,5	6,1
GW76292	128	103	57	138,5	113,5	61,5	117,5	101	60	50	109	-	8,5	7,3	6,1
GW76293	155	130	58	165,5	140,5	63,5	144	125	104,5	102	135	110	8,6	7,2	6,1
GW76294	178	156	75	189	167	80	168	153	117	129,5	140	120	8,7	7,1	6,1
GW76295	239	202	85	252	215	91	221	194	178	164	208	168	9	8,7	8,7
GW76296	294	244	114	307	257	120,5	275	236	208	193,5	256	210	9,2	8,5	8,7

TECHNICAL COMPONENTS

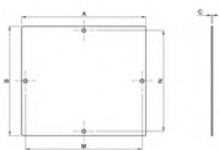
GW76272



BACK-MOUNTING PLATE IN GALVANISED STEEL

Code	For boxes with dimensions (mm)	Pack Carton
GW 76 272	128x103	1/10
GW 76 273	155x130	1/10
GW 76 274	178x156	1/10
GW 76 275	239x202	1/5
GW 76 276	294x244	1/5

DATA SHEET



Code	A	B	C	M	N
GW76272	118,5	78,5	1,5	109	-
GW76273	144	119	1,5	135	110
GW76274	149	130	1,5	140	120
GW76275	219	179	1,5	208	168
GW76276	267	221	1,5	256	210

ATEX - ACCESSORIES - ZONE 2 (G) ZONE 22 (D)

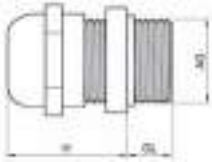
GW76901



METAL CABLE GLANDS - IP68

Code	Type of pitch	For cables Ø (mm)	Mounting hole Ø (mm)	Pack Carton
GW 76 901	PG7	from 3 to 6.5	12.5	10/100
GW 76 902	PG9	from 4 to 8	16	10/100
GW 76 903	PG11	from 5 to 10	19	10/100
GW 76 904	PG13,5	from 6.5 to 12	20	10/100
GW 76 905	PG16	from 7 to 12	23	10/100
GW 76 906	PG21	from 13 to 18	29	5/50
GW 76 907	PG29	from 18 to 25	37	5/50
GW 76 908	PG36	from 22 to 32	48	5/50
GW 76 909	PG42	from 32 to 38	54	2/10
GW 76 910	PG48	from 37 to 44	60	2/10
GW 76 921	M12	from 3 to 6.5	12	10/100
GW 76 922	M16	from 6 to 10	16	10/100
GW 76 923	M20	from 10 to 14	20	10/100
GW 76 924	M25	from 14 to 18	25	10/100
GW 76 925	M32	from 20 to 25	32	5/50
GW 76 926	M40	from 22 to 32	40	5/50
GW 76 927	M50	from 32 to 38	50	2/10
GW 76 928	M63	from 37 to 44	63	2/10

DATA SHEET



Code	PG	M	H	GL	y (mm)
GW76901	7		19	10	3-6,5
GW76902	9		21	10	4-8
GW76903	11		24	10	6-12
GW76904	13,5		23	10	6-12
GW76905	16		23	10	10-14
GW76906	21		24	12	14-18
GW76907	29		29	12	20-25
GW76908	36		35	15	22-32
GW76909	42		37	15	32-38
GW76910	48		38	15	37-44
GW76921		12	19	10	3-6,5
GW76922		16	22	10	6-10
GW76923		20	24	10	10-14
GW76924		25	26	12	14-18
GW76925		32	31	12	20-25
GW76926		40	37	15	22-32
GW76927		50	37	15	32-38
GW76928		63	38	15	37-44

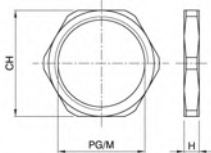
GW76941



METAL FIXING NUTS

Code	Type of pitch	Pack Carton
GW 76 941	PG7	25/100
GW 76 942	PG9	25/100
GW 76 957	PG11	25/100
GW 76 958	PG13,5	25/100
GW 76 959	PG16	25/100
GW 76 960	PG21	25/100
GW 76 961	PG29	25/100
GW 76 962	PG36	10/50
GW 76 963	PG42	10/50
GW 76 943	PG48	10/50
GW 76 949	M12	25/100
GW 76 951	M16	25/100
GW 76 952	M20	25/100
GW 76 953	M25	25/100
GW 76 954	M32	25/100
GW 76 955	M40	10/50
GW 76 956	M50	10/50
GW 76 950	M63	10/50

DATA SHEET



Code	PG	M	H	Key
GW76941	7		2,8	15
GW76942	9		2,8	18
GW76957	11		3	21
GW76958	13,5		3	23
GW76959	16		3	26
GW76960	21		3,5	32
GW76961	29		4	41
GW76962	36		5	51
GW76963	42		5	60
GW76943	48		5,5	64
GW76949		12	2,8	15
GW76951		16	2,8	19
GW76952		20	3	23
GW76953		25	3,5	29
GW76954		32	4	36
GW76955		40	4,5	45
GW76956		50	5,5	55
GW76950		63	6	70

ATEX - ACCESSORIES - ZONE 1 (G) ZONE 20 (D)

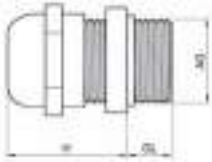
GW52101



INSULATING CABLE GLANDS - IP68

Code	Type of pitch	For cables Ø (mm)	Mounting hole Ø (mm)	Pack Carton
GW 52 101	PG7	from 3 to 6.5	12,5	50/900
GW 52 102	PG9	from 4 to 8	16	50/600
GW 52 103	PG11	from 5 to 10	19	25/500
GW 52 104	PG13,5	from 6.5 to 12	20	25/500
GW 52 105	PG16	from 7 to 12	23	25/375
GW 52 106	PG21	from 13 to 18	29	25/400
GW 52 107	PG29	from 18 to 25	37	25/250
GW 52 108	PG36	from 22 to 32	48	10/130
GW 52 109	PG42	from 32 to 38	54	6/120
GW 52 110	PG48	from 37 to 44	60	5/100
GW 52 121	M12	from 3 to 3.5	12	50/600
GW 52 122	M16	from 5 to 10	16	50/400
GW 52 123	M20	from 10 to 14	20	25/300
GW 52 124	M25	from 13 to 18	25	25/200
GW 52 125	M32	from 18 to 25	32	25/150
GW 52 126	M40	from 22 to 32	40	10/120
GW 52 127	M50	from 32 to 38	50	6/84
GW 52 128	M63	from 37 to 44	63	5/60

DATA SHEET



Code	PG	M	H	GL	ȳ (mm)
GW52101	7		21	8	3-6,5
GW52102	9		22	8	4-8
GW52103	11		25	8	6-12
GW52104	13,5		27	9	6-12
GW52105	16		28	10	10-14
GW52106	21		31	11	14-18
GW52107	29		39	11	20-25
GW52108	36		48	13	22-32
GW52109	42		49	13	32-38
GW52110	48		49	14	37-44
GW52121		12	21	8	3-6,5
GW52122		16	25	8	6-10
GW52123		20	28	9	10-14
GW52124		25	31	11	14-18
GW52125		32	39	11	20-25
GW52126		40	48	13	22-32
GW52127		50	49	13	32-38
GW52128		63	49	14	37-44

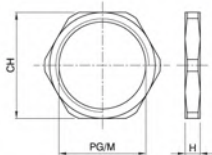
GW52141



INSULATING FIXING NUTS

Code	Type of pitch	Pack Carton
GW 52 141	PG7	25/100
GW 52 142	PG9	25/100
GW 52 143	PG11	25/100
GW 52 144	PG13,5	25/100
GW 52 145	PG16	25/100
GW 52 146	PG21	25/100
GW 52 147	PG29	25/100
GW 52 148	PG36	10/50
GW 52 149	PG42	10/50
GW 52 150	PG48	10/50
GW 52 161	M12	25/100
GW 52 162	M16	25/100
GW 52 163	M20	25/100
GW 52 164	M25	25/100
GW 52 165	M32	25/100
GW 52 166	M40	10/50
GW 52 167	M50	10/50
GW 52 168	M63	10/50

DATA SHEET















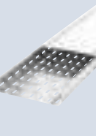
Code	PG	M	H	Key
GW52141	7		5	19
GW52142	9		5	22
GW52143	11		5	24
GW52144	13,5		6	27
GW52145	16		6	30
GW52146	21		7	36
GW52147	29		7	46
GW52148	36		8	60
GW52149	42		8	65
GW52150	48		8	70
GW52161		12	5	17
GW52162		16	5	22
GW52163		20	6	27
GW52164		25	7	36
GW52165		32	7	41
GW52166		40	7	50
GW52167		50	8	60
GW52168		63	8	75

GEWISS



EnergyBox

Distribution systems

DISTRIBUTION AND AUTOMATION BOARDS AND ENCLOSURES	JUNCTION BOXES AND SPECIAL ENCLOSURES	COMPLEMENTARY ITEMS FOR WIRING AND INSTALLATION	COMPLEMENTARY ITEMS FOR COMMAND	CONDUIT SYSTEMS AND ACCESSORIES	TRUNKING SYSTEMS AND ACCESSORIES	CABLE TRAYS AND ACCESSORIES																					
<p>46 RANGE Watertight surface-mounting distribution and automation boards</p>  <p>565</p>	<p>44 CE RANGE Technopolymer surface-mounting watertight junction boxes</p>  <p>619</p>	<p>44 RANGE Junction and connection terminal blocks</p>  <p>661</p>	<p>74 PS RANGE Push-buttons, selectors and indicators Ø 22mm</p>  <p>675</p>	<p>RK RANGE Rigid protective conduit systems</p>  <p>683</p>	<p>NP 40 RANGE Mini trunking systems</p>  <p>731</p>	<p>BFR RANGE Steel wire cable trays</p>  <p>781</p>	<p>44 CEP - GWPLAST 120 watertight boards - IP55 570 46 QP - Polyester watertight boards - IP65 572 46 QM - Metal watertight boards - IP55 574 46 QX - Stainless steel watertight boards - IP55 575 Complementary items 576</p>	<p>40 CD RANGE Surface-mounting distribution boards and enclosures</p>  <p>583</p>	<p>GW Connect RANGE Metal surface-mounting watertight junction boxes</p>  <p>629</p>	<p>52 FS RANGE Ties</p>  <p>669</p>	<p>50/52 RANGE Accessories for system assembly</p>  <p>693</p>	<p>NP 42 RANGE Trunking systems used as skirting and frame</p>  <p>737</p>	<p>BRN RANGE Sheet cable trays in galvanised steel</p>  <p>795</p>	<p>40 CDK - Modular watertight enclosures and distribution boards - IP65 585 40 CD - Watertight enclosures - IP55 586 40 CD - Protected decorative enclosures - IP40 587 40 CD - Protected enclosures - IP40 588 Complementary items 589</p>	<p>40 CDi RANGE Flush-mounting distribution boards and enclosures</p> <p>591</p>	<p>Wall-mounting boxes in die-cast aluminium 630</p> <p>48 RANGE Flush-mounting junction and modular range boxes</p> <p>631</p>	<p>44 MS - Trailing and modular terminal blocks 665 44 MM - Multi-pole terminal blocks 666 44 ME - Unipolar equipotential terminal blocks 667 44 MP - Modular distributing frame terminal blocks 668</p>	<p>52 FS - Cable ties 671 Outdoor ties 673</p>	<p>Operators Ø 22mm 677 Indicators 678 Complementary items 679 COMBI 22 - Insulating enclosures 680 74 ATEX - Command equipment in box 681</p>	<p>Rigid conduits 686 Routing components 688 Junction boxes for RK conduits 692</p>	<p>50/52 - Cable glands, couplings and plastic cable entries 696 Metal cable glands and accessories 698 Plastic cable glands for ATEX environments 700 Metallic cable glands for ATEX environments 701 50 AC - Fixing accessories 702 52 AZ - Perforation tools 704</p>	<p>FK RANGE Pliable protective conduit systems</p> <p>705</p>	<p>Mini trunking 734 Routing components 735 Complementary items 736</p>	<p>NP 42 - EK 50 x 30 - Corner trunking 740 SLK 70 x 20 - Skirting trunking 741 TUK 70 x 20 - Door frame trunking 743 SLK 120 x 25 - Skirting and door frame trunking 744 ABK 85 x 20 - Over-floor trunking 746</p>	<p>NP 44/52 RANGE Sill type and device-mounting trunking system</p> <p>747</p>	<p>Cable trays 800 Installation accessories 803 Routing components 804</p>	<p>SP RANGE Cable trays support systems</p> <p>819</p>

	<p>40 CDi - Decorative enclosures 594 40 CDi - CHORUS enclosures 596 40 CDKi - Modular enclosures and distribution boards 598 40 CDi - Protected enclosures 600 48 PTC - Combination enclosures and boards - IP55 601 40 CDi - Enclosures for plasterboard walls 601</p>	<p>40 CDe RANGE Enclosures and distribution boards for specific standards 605</p>		<p>40 CDe - Spanish Standard 606 40 CDe - German Standard 607 40 CDe - French Standard 613 40 CDe - British Standard 615</p>	<p>DISTRIBUTION AND AUTOMATION BOARDS AND ENCLOSURES</p>				
	<p>48 PT DIN - For domotics 635 48 CM - For uprights 636 48 PT - For ordinary junctions 638 48 PTC - For special applications 640 24 SC - For modular ranges 644 System for cavity walls 646</p>	<p>42 RV RANGE Surface- and flush-mounting watertight emergency enclosures 649</p>		<p>42 RV - Watertight enclosures for emergency maneuvers - IP55 652 Complementary items 654</p>		<p>42 TV RANGE Multifunctional supporting bases 657</p>		<p>Distribution tower and boards 659 Complementary items 660</p>	<p>SPECIAL JUNCTION BOXES AND ENCLOSURES</p>
<p>COMPLEMENTARY ITEMS FOR WIRING AND INSTALLATION</p>									
<p>COMPLEMENTARY ITEMS FOR COMMAND</p>									
	<p>Arcobaleno self-extinguishing pliable conduits 708 ICTA halogen-free pliable conduit 711 FKHF halogen-free pliable conduit 713 Components for pliable conduits 714</p>	<p>DF RANGE Flexible protective conduit systems 717</p>		<p>Insulating sheaths 720 Couplings 721 Sheath for non-heavy duty uses 724</p>	<p>FU/PZ RANGE Cable duct and well systems 725</p>		<p>Cable ducts 727 Thermoplastic wells 728</p>	<p>CONDUIT SYSTEMS AND ACCESSORIES</p>	
	<p>BR PVC - PVC trunking with integrated cover 752 FB - Multifunctional trunking in PVC 755 NF - PVC trunking 761 HS - Sheet steel trunking 763</p>	<p>NP 54/55 RANGE Aluminium sill- type and device mounting trunking systems 767</p>		<p>BR-ALU - Aluminium trunking 770 BR-ALU - Mini-columns and columns 772 Complementary items 773</p>	<p>NP 48 Wiring trunking systems 777</p>		<p>VKD - Wiring trunking 779</p>	<p>TRUNKING SYSTEMS AND ACCESSORIES</p>	
	<p>System for light loads 822 System for medium loads 825 System for heavy loads 828</p>								<p>CABLE TRAYS AND ACCESSORIES</p>

46 range

Watertight surface-mounting distribution and automation boards

44 CEP and 46 QP / QM / QX Fast&Easy distribution boards:

- High structural resistance monobloc box.
- Transparent and blank door versions.
- Extractable frame.
- Halogen-free plastic materials.

Benefits of the Fast&Easy system:












- Fully metallic blocking elements.
- 40% reduction in assembly times.
- Preassembled, adjustable DIN rails with automatic blocking.
- Front panels with 1/4 turn captive and sealable plastic screws.



46 RANGE





WATERTIGHT SURFACE-MOUNTING DISTRIBUTION AND AUTOMATION BOARDS

46 RANGE

	BOARD					COMPLEMENTARY ITEMS		
						FRONT CONFIGURATION		
						SINGLE PANELS	PANELS	
Dimensions (LxHxD) mm	Material	Code		No. modules EN 50022	 with window and DIN rail	 with window and DIN rail	 Blank	
		BLANK door	Door with transparent WINDOW					
44 CEP GW PLAST 120 IP 55 	200x254x135	GWPLAST 120	GW 44 808	GW 44 818				
	236x316x135	GWPLAST 120	GW 44 809	GW 44 819	8	GW 44 852 8 modules		
	316x396x160	GWPLAST 120	GW 44 810	GW 44 820	24 (12x2)	GW 44 853 14 modules GW 44 854 24 modules (12x2)		
	396x474x160	GWPLAST 120	GW 44 811	GW 44 821	32 (16x2)	GW 44 855 32 modules (16x2)		
QP POLYESTER BOARD IP65 	250x300x160	Polyester	GW 46 001	GW 46 201				
		Metal	GW 46 031					
	310x425x160	Polyester	GW 46 002	GW 46 202	36 (12x3)		3 single panels - width 12 modules 	
Metal		GW 46 032	GW 46 232	GW 46 420 F				GW 46 425 F
Stainless steel		GW 46 052						
405x500x200	Polyester	GW 46 003	GW 46 203	54 (18x3)		3 single panels - width 18 modules 		
	Metal	GW 46 033	GW 46 233				GW 46 421 F	GW 46 426 F
405x650x200	Polyester	GW 46 004	GW 46 204	72 (18x4)		4 single panels - width 18 modules 		
	Metal	GW 46 034	GW 46 234				GW 46 421 F	GW 46 426 F
	Stainless steel	GW 46 054						
515x650x250	Polyester	GW 46 005	GW 46 205	96 (24x4)		4 single panels - width 24 modules 		
	Metal	GW 46 035	GW 46 235				GW 46 422 F	GW 46 427 F
585x800x300	Polyester	GW 46 006	GW 46 206	140 (28x5)		5 single panels - width 28 modules 		
	Metal	GW 46 036	GW 46 236				GW 46 423 F	GW 46 428 F
	Stainless steel	GW 46 056						
800x1060x350	Polyester	GW 46 007	GW 46 207	180 (36x5)		5 single panels - width 36 modules 		
	Metal	GW 46 037	GW 46 237				GW 46 424 F	GW 46 429 F

COMPLEMENTARY ITEMS

FRONT CONFIGURATION				INTERNAL CONFIGURATION			SERVICE ACCESSORIES		
DOUBLE PANELS	INNER DOORS	UPRIGHTS	DIN RAILS	BACK-MOUNTING PLATES	PLATES		POLE SUPPORT	MISCELLANEOUS	
Blank	Material: insulating/ metal	Pair	simple/ double	Material: metal/ steel (perforated)/ insulating	H 1 module: perforated/ full	H 2 modules: perforated/ full			
				GW 44 636 GW 44 646				 Resin bracket GW 44 621	 Safety lock with handle GW 46 445
				GW 44 637 GW 44 647					
				GW 44 638 GW 44 648				4 stainless steel brackets GW 46 451	Set 4 galvanised brackets GW 46 446
				GW 44 639 GW 44 649					
				GW 46 401 GW 46 461 GW 46 408			GW 46 551	 Clip nut GW 46 450	 4 stainless steel brackets GW 46 451
1 double panel GW 46 475 F	GW 46 414 GW 46 564	GW 46 435 F	GW 46 430 F GW 46 530 F	GW 46 402 GW 46 462 GW 46 409	3 single plates GW 46 440 GW 46 540	1 double plate GW 46 480 GW 46 580	GW 46 552	 Set 4 galvanised brackets GW 46 446	 Gasket for boards coupling GW 46 449
1 double panel GW 46 476 F	GW 46 415 GW 46 565	GW 46 436 F	GW 46 431 F GW 46 531 F	GW 46 403 GW 46 463 GW 46 410	3 single plates GW 46 441 GW 46 541	1 double double GW 46 481 GW 46 581	GW 46 553	 Set of 4 squares for back-mounting plate fixing GW 46 521F	 Safety lock with handle GW 46 445
2 double panels GW 46 476 F	GW 46 416 GW 46 566	GW 46 437 F	GW 46 431 F GW 46 531 F	GW 46 404 GW 46 464 GW 46 411	4 single plates GW 46 441 GW 46 541	2 double plates GW 46 481 GW 46 581	GW 46 553	 Document holder wallet GW 46 447	 Ventilation kit IP 44 GW 46 448 and GW 46 471
2 double panels GW 46 477 F	GW 46 417 GW 46 567	GW 46 437 F	GW 46 432 F GW 46 532 F	GW 46 405 GW 46 465 GW 46 412	4 single plates GW 46 442 GW 46 542	2 double plates GW 46 482 GW 46 582	GW 46 554	 Pair of brackets for wiring trunking GW 46 557 F	
2 double panels GW 46 478 F	GW 46 418 GW 46 568	GW 46 438 F	GW 46 433 F GW 46 533 F	GW 46 406 GW 46 466 GW 46 413	5 single plates GW 46 443 GW 46 543	2 double plates GW 46 483 GW 46 583	GW 46 555	 Pair of handles for transport GW 46 591	 Kit inserts GW 46 592 F
2 double panels GW 46 479 F	GW 46 419 GW 46 569	GW 46 439 F	GW 46 434 F GW 46 534 F	GW 46 407 GW 46 467	5 single plates GW 46 444 GW 46 544	2 double plates GW 46 484 GW 46 584			

	COMPATIBILITY BETWEEN 46 RANGE BOARDS AND KIT FOR MOULDED-CASE SWITCHES MTX RANGE AND KIT SWITCH DISCONNECTORS MSS RANGE				
	BOARD				
	DIMENSIONS (LxHxD) mm	MATERIAL	CODE		No. modules EN 50022
BLANK door			Door with WINDOW		
44 CEP GWPLAST 120 	200x254x135	GWPLAST 120	GW 44 808	GW 44 818	-
	236x316x135	GWPLAST 120	GW 44 809	GW 44 819	8
	316x396x160	GWPLAST 120	GW 44 810	GW 44 820	24 (12x2)
	396x474x160	GWPLAST 120	GW 44 811	GW 44 821	32 (16x2)
QP POLYESTER BOARD IP65  QM METAL BOARD IP55  QX STAINLESS STEEL BOARD IP55 	250x300x160	Polyester	GW 46 001	GW 46 201	-
		Metal	GW 46 031	-	
	310x425x160	Polyester	GW 46 002	GW 46 202	36 (12x3)
		Metal	GW 46 032	GW 46 232	
		Stainless steel	GW 46 052	-	
	405x500x200	Polyester	GW 46 003	GW 46 203	54 (18x3)
		Metal	GW 46 033	GW 46 233	
	405x650x200	Polyester	GW 46 004	GW 46 204	72 (18x4)
		Metal	GW 46 034	GW 46 234	
		Stainless steel	GW 46 054	-	
	515x650x250	Polyester	GW 46 005	GW 46 205	96 (24x4)
		Metal	GW 46 035	GW 46 235	
585x800x300	Polyester	GW 46 006	GW 46 206	140 (28x5)	
	Metal	GW 46 036	GW 46 236		
	Stainless steel	GW 46 056	-		
800x1060x350	Polyester	GW 46 007	GW 46 207	180 (36x5)	
	Metal	GW 46 037	GW 46 237		

NOTES: The configurations reported in the table are ONLY valid if the peak current of the indicated switch (in correspondence of the assumed short-circuit current in the installation point) is NOT higher than 17kA, or if the assumed short-circuit current in the delivery point, in line with the main board switch, is NOT greater than 10kA.

Check the thermal power according to the method indicated in the pages of the Technical Catalogue.

The kits are fastened by means of uprights. The kit panels are 2-module high.

The MTX 160c and MTX 160 (both 3P and 4P) should be fastened to the DIN rail by means of suitable brackets included in the GW D8 261 kit. The MTX 250 (both 3P and 4P) on the other hand require the GW D8 262 kit.

The coupling of the MTX moulded-case devices on the DIN rail, using the relative residual current device, requires the use of the special brackets that can be found in the relative section of the DIN catalogue.

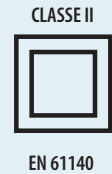
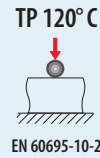
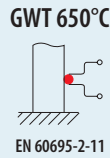
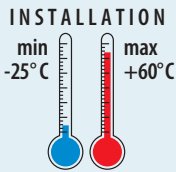
In the case of cable entry from below, you are advised to insert a blank panel above the moulded-case/switch disconnector kit, so the wires can be pulled more easily.

The MSS switch disconnectors cannot be installed on the same DIN rail with the MTX moulded-case devices because of their different depths.

**COMPATIBILITY BETWEEN 46 RANGE BOARDS AND
KIT FOR MOULDED-CASE SWITCHES MTX RANGE AND KIT SWITCH DISCONNECTORS MSS RANGE**

MOULDED CASE SWITCH		SWITCH DISCONNECTOR	
MTX 160c - MTX 160 - MTX 250 	MTX 160c - MTX 160 - MTX 250 COMBINED WITH THEIR RESPECTIVE RESIDUAL CURRENT DEVICES IN "L" FORM 	MSS 160 	MSS 250 
-	-	-	-
-	-	-	-
GW 44 853	GW 44 853	GW 44 853	-
GW 44 855	GW 44 855	GW 44 855	-
-	-	-	-
-	-	-	-
GW 46 570 F	GW 46 570 F	GW 46 570 F	-
GW 46 570 F	GW 46 570 F	GW 46 570 F	-
GW 46 571 F	GW 46 571 F	GW 46 571 F	GW 46 577 F
GW 46 572 F	GW 46 572 F	GW 46 572 F	GW 46 578 F
GW 46 573 F	GW 46 573 F	GW 46 573 F	GW 46 579 F

44 CEP - WATERTIGHT BOARDS IN GWPLAST 120 - GWT 650 °C - IP55



DISTRIBUTION BOARDS

GW44810



WATERTIGHT BOARDS WITH BLANK DOOR FITTED WITH LOCK - GREY RAL 7035



Code	Outer dim. LxHxD (mm)	N. modules EN 50022 max	No. locks	Characteristics	Pack. Carton.
GW 44 808	200 x 254 x 135		1	Halogen free	4
GW 44 809	236 x 316 x 135	8	1	Halogen free	4
GW 44 810	316 x 396 x 160	24 (12X2)	2	Halogen free	2
GW 44 811	396 x 474 x 160	32 (16X2)	2	Halogen free	2

CHARACTERISTICS: doors equipped with functional grid of reference for fixing the devices. Impact resistance: 5J.

ACCESSORIES SUPPLIED: frame for semi flush-mounting installations, screwcaps for double insulation, triangular key.

GW44820



WATERTIGHT BOARDS WITH TRANSPARENT DOOR FITTED WITH LOCK - GREY RAL 7035



Code	Outer dim. LxHxD (mm)	N. modules EN 50022 max	No. locks	Characteristics	Pack. Carton.
GW 44 818	200 x 254 x 135		1	Halogen Free	4
GW 44 819	236 x 316 x 135	8	1	Halogen Free	4
GW 44 820	316 x 396 x 160	24 (12X2)	2	Halogen Free	2
GW 44 821	396 x 474 x 160	32 (16X2)	2	Halogen Free	2

CHARACTERISTICS: doors equipped with functional grid of reference for fixing the devices. Impact resistance: 5J.

ACCESSORIES SUPPLIED: frame for semi flush-mounting installations, screwcaps for double insulation, triangular key.

INTERNAL CONFIGURATION

GW44639



BACK-MOUNTING PLATE IN GALVANISED STEEL WITH SELF-TAPPING FIXING SCREWS

Code	For boards LxH (mm)	Pack. Carton.
GW 44 636	200 x 254	20
GW 44 637	236 x 316	20
GW 44 638	316 x 396	5
GW 44 639	396 x 474	5

GW44649



BACK-MOUNTING PLATE IN INSULATED MATERIAL WITH SELF-TAPPING FIXING SCREWS

Code	For boards LxH (mm)	Pack. Carton.
GW 44 646	200 x 254	20
GW 44 647	236 x 316	20
GW 44 648	316 x 396	4
GW 44 649	396 x 474	5

CHARACTERISTICS: equipped with functional grid for fixing devices.

GW44854



PANELS WITH WINDOW FOR MODULAR DEVICES AND MOULDED-CASE CIRCUIT BREAKERS IN FIXED POSITION EXECUTION, UP TO 160 A COUPLING - GREY RAL 7035

Code	No. modules DIN	For boards LxH (mm)	Suitable for	Disp. power flush-moun. (W)	Disp. power sur.-mount. (W)	Characteristics	Pack. Carton.
GW 44 852	8	236 x 316	Moulded case max 125 A	21	17	Halogen free	8
GW 44 853	14	316 x 396	Moulded case max 160 A	35	31	Halogen free	8
GW 44 854	24 (12x2)	316 x 396	Moulded case max 125 A	42	34	Halogen free	8
GW 44 855	32 (16x2)	396 x 474	Moulded case max 160 A	52	46	Halogen free	8

ACCESSORIES SUPPLIED: fixing uprights and DIN rails, module masks, user labels.

NOTES: dispersible power calculated according to IEC 60670-24, obtained by positioning the panels indicated in the relevant boards.

SERVICE TECHNICAL COMPONENTS



GW46451

SET OF 4 STEEL BRACKETS FOR FIXING SURFACE-MOUNTING BOARDS

Code	Material	Accessories supplied	Pack. Carton.
GW 46 446	Galvanised steel	Fixing screws	20
GW 46 451	Stainless steel	Fixing screws	20



GW44621

WALL FIXING BRACKET

Code	Material	Accessories supplied	For enclosures /dist.boards	Characteristics	Pack. Carton.
GW 44 621	Insulation	Fixing self-tapping screws	All wall types	Halogen Free	40/480

APPLICATIONS: used to maintain the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.

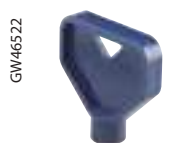


GW40423

PLASTIC MODULE COVER PROFILE

Code	No. of modules EN 50022	Colour	Characteristics	Pack. Carton.
GW 40 423	4.5	Grey RAL 7035	Halogen Free	50

CHARACTERISTICS: clip fixing on DIN perforated front panels.



GW46522

TRIANGULAR KEY

Code	Description	Pack. Carton.
GW 46 522	Triangular key	10

ACCESSORIES SUPPLIED: for boards 46QP, QX, QM e CEP.



GW46523

TRIANGULAR LOCK

Code	Description	Pack. Carton.
GW 46 523	Triangular lock	10

APPLICATIONS: for frames - 46QP, QX, QM, and CEP.



GW46445

SAFETY LOCK WITH HANDLE

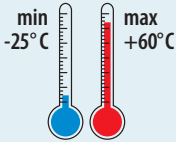
Code	Description	Pack. Carton.
GW 46 445	Security lock key and handle	10

ACCESSORIES SUPPLIED: 2 keys. all the keys are supplied with a standardised code.

NOTES: all the keys and locks supplied are standard, so the key can open all the locks with the same product code.

46 QP - WATERTIGHT BOARDS IN POLYESTER - IP65

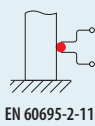
INSTALLATION



IP65



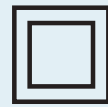
GWT 960°C



TP 200°C



CLASSE II



EN 61140

DISTRIBUTION BOARDS

GW46004



WATERTIGHT BOARDS IN POLYESTER WITH BLANK DOOR FITTED WITH LOCK - GREY RAL 7035



Code	Outer dim. LxHxD (mm)	No. modules DIN	No. locks	Dispersible power A (W)	Dispersible power B (W)	Characteristics	Pack. Carton.
GW 46 001	250 x 300 x 160		1	34	-	Halogen Free	1
GW 46 002	310 x 425 x 160	36 (12x3)	2	48	39	Halogen Free	1
GW 46 003	405 x 500 x 200	54 (18x3)	2	105	53	Halogen Free	1
GW 46 004	405 x 650 x 200	72 (18x4)	2	118	81	Halogen Free	1
GW 46 005	515 x 650 x 250	96 (24x4)	2	126	106	Halogen Free	1
GW 46 006	585 x 800 x 300	140 (28x5)	2	205	146	Halogen Free	1
GW 46 007	800 x 1060 x 350	180 (36x5)	2	337	226	Halogen Free	1

CHARACTERISTICS: boxes equipped with new, pre-assembled inserts to speed up the configuration of the board.

Doors equipped with functional grid of reference for fixing the devices.

On the first six sizes of the 46QP boards, it is possible to fix windowed or blank panels (height 1 or 2 modules) directly in the seats created on the side walls of the board.

Impact resistance: 5J.

ACCESSORIES SUPPLIED: screwcaps for double insulation, 4 reversible squares with the relative bolts and screws for fixing the back-mounting plates or uprights for modular equipment.

NOTES: dispersible power calculated according to IEC 60670-24.

Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).

Dispersible power B (W): board configuration with DIN rails + panels with windows.

GW46206



WATERTIGHT BOARDS IN POLYESTER WITH BLANK DOOR FITTED WITH TRANSPARENT WINDOW AND LOCK - GREY RAL 7035



Code	Outer dim. LxHxD (mm)	No. modules DIN	No. locks	Dispersible power A (W)	Dispersible power B (W)	Characteristics	Pack. Carton.
GW 46 201	250 x 300 x 160		1	34	-	Halogen Free	1
GW 46 202	310 x 425 x 160	36 (12x3)	2	48	39	Halogen Free	1
GW 46 203	405 x 500 x 200	54 (18x3)	2	105	53	Halogen Free	1
GW 46 204	405 x 650 x 200	72 (18x4)	2	118	81	Halogen Free	1
GW 46 205	515 x 650 x 250	96 (24x4)	2	126	106	Halogen Free	1
GW 46 206	585 x 800 x 300	140 (28x5)	2	205	146	Halogen Free	1
GW 46 207	800 x 1060 x 350	180 (36x5)	2	337	226	Halogen Free	1

CHARACTERISTICS: boxes equipped with new inserts, pre-assembled in the slots, to speed up the configuration of the board.

For the transparent porthole version: GWT 650°C.

On the first six sizes of the 46QP boards, it is possible to fix windowed or blank panels (height 1 or 2 modules) directly in the seats created on the side walls of the board.

Impact resistance: 2J.

ACCESSORIES SUPPLIED: screwcaps for double insulation, 4 reversible squares with the relative bolts and screws for fixing the back-mounting plates or uprights for modular equipment.

NOTES: dispersible power calculated according to IEC 60670-24.

Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).

Dispersible power B (W): board configuration with DIN rails + panels with windows.

SPARE PARTS

GW46504



BLANK DOOR WITH LOCK

Code	For boards LxH (mm)	No. locks	Characteristics	Pack. Carton.
GW 46 501	250x300	1	Halogen free	1/6
GW 46 502	310x425	2	Halogen free	1/6
GW 46 503	405x500	2	Halogen free	1/8
GW 46 504	405x650	2	Halogen free	1/8
GW 46 505	515x650	2	Halogen free	1
GW 46 506	585x800	2	Halogen free	1
GW 46 507	800x1060	2	Halogen free	1

GW46514



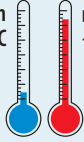
DOOR WITH TRANSPARENT WINDOW AND LOCK

Code	For boards LxH (mm)	No. locks	Characteristics	Pack. Carton.
GW 46 511	250x300	1	Halogen free	1/6
GW 46 512	310x425	2	Halogen free	1/6
GW 46 513	405x500	2	Halogen free	1/8
GW 46 514	405x650	2	Halogen free	1/8
GW 46 515	515x650	2	Halogen free	1
GW 46 516	585x800	2	Halogen free	1
GW 46 517	800x1060	2	Halogen free	1

46 QM - WATERTIGHT BOARDS IN METAL - IP55

INSTALLATION

min -25°C max +60°C



20 J



EN 62262

IP55



EN 60529

DISTRIBUTION BOARDS

GW46034



WATERTIGHT BOARDS IN METAL WITH BLANK DOOR FITTED WITH LOCK - GREY RAL 7035



Code	Outer dim. LxHxD (mm)	No. modules DIN	No. locks	Dispersible power A(W)	Dispersible power B (W)	Pack. Carton.
GW 46 031	250 x 300 x 160		1	49	-	1
GW 46 032	310 x 425 x 160	36 (12x3)	2	76	58	1
GW 46 033	405 x 500 x 200	54 (18x3)	2	106	80	1
GW 46 034	405 x 650 x 200	72 (18x4)	2	135	97	1
GW 46 035	515 x 650 x 250	96 (24x4)	2	228	115	1
GW 46 036	585 x 800 x 300	140 (28x5)	2	297	159	1
GW 46 037	800 x 1060 x 350	180 (36x5)	2	404	284	1

ACCESSORIES SUPPLIED: screwcaps, threaded pins or reversible squares with the relative bolts and screws for fixing the back-mounting plates or uprights for modular devices.

GW46034, GW46035, GW46036, GW46037 with perforated base equipped with flange for cables to pass through.

NOTES: dispersible power calculated according to IEC 60670-24.

For the front configuration (via panels and DIN rails), it is necessary to use the uprights.

Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).

Dispersible power B (W): board configuration with DIN rails + panels with windows.

GW46232



WATERTIGHT BOARDS IN METAL WITH BLANK DOOR FITTED WITH TEMPERED GLASS WINDOW AND LOCK - GREY RAL 7035



Code	Outer dim. LxHxD (mm)	No. modules DIN	No. locks	Dispersible power A(W)	Dispersible power B (W)	Pack. Carton.
GW 46 232	310 x 425 x 160	36 (12x3)	2	76	58	1
GW 46 233	405 x 500 x 200	54 (18x3)	2	106	80	1
GW 46 234	405 x 650 x 200	72 (18x4)	2	135	97	1
GW 46 235	515 x 650 x 250	96 (24x4)	2	228	115	1
GW 46 236	585 x 800 x 300	140 (28x5)	2	297	159	1
GW 46 237	800 x 1060 x 350	180 (36x5)	2	404	284	1

ACCESSORIES SUPPLIED: screwcaps, threaded pins or reversible squares with the relative bolts and screws for fixing the back-mounting plates or uprights for modular equipment.

GW46234, GW46235, GW46236, GW46237 with perforated base equipped with flange for cables to pass through.

NOTES: dispersible power calculated according to IEC 60670-24.

For the front configuration (via panels and DIN rails), it is necessary to use the uprights.

Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).

Dispersible power B (W): board configuration with DIN rails + panels with windows.

46 QX - WATERTIGHT BOARDS IN STAINLESS STEEL - IP55

INSTALLATION
min -25°C max +60°C

20 J

EN 62262

IP55

EN 60529

DISTRIBUTION BOARDS

GW46054



WATERTIGHT BOARDS IN SATIN STAINLESS STEEL WITH BLANK DOOR FITTED WITH LOCK



Code	Outer dim. LxHxD (mm)	No. modules DIN	No. locks	Dispersible power A(W)	Dispersible power B (W)	Pack. Carton.
GW 46 052	310 x 425 x 160	36 (12x3)	2	76	58	1
GW 46 054	405 x 650 x 200	72 (18x4)	2	135	97	1
GW 46 056	585 x 800 x 300	140 (28x5)	2	297	159	1

ACCESSORIES SUPPLIED: screwcaps, threaded pins or reversible squares with the relative bolts and screws for fixing the back-mounting plates or uprights for modular equipment.

GW46054, GW46056 with perforated base equipped with flange for cables to pass through.

NOTES: dispersible power calculated according to IEC 60670-24.

For the front configuration (via panels and DIN rails), it is necessary to use the uprights.

Dispersible power A (W): board configuration with back-mounting plate (as far back as possible).

Dispersible power B (W): board configuration with DIN rails + panels with windows.

COMPLEMENTARY ITEMS FOR 46 QP, QM AND QX BOARDS

46 RANGE

FRONT CONFIGURATION

GW46414



POLYESTER HINGED INNER DOORS TO MOUNT CONTROL, INDICATOR AND MEASURING DEVICES - GREY RAL 7035

Code	For boards LxH (mm)	Characteristics	Pack. Carton.
GW 46 414	310 x 425	Halogen free	1/5
GW 46 415	405 x 500	Halogen free	1/4
GW 46 416	405 x 650	Halogen free	1/5
GW 46 417	515 x 650	Halogen free	1/2
GW 46 418	585 x 800	Halogen free	1/2
GW 46 419	800 x 1060	Halogen free	1

NOTES: for further information about the distances between board door, inner door and back-mounting plate, refer to the dimensional data in the technical catalogue.
CHARACTERISTICS: these are reversible.

GW46566



HINGED ENCLOSURE DOORS IN METAL FOR ASSEMBLY OF COMMAND, SIGNALLING AND MEASURING DEVICES - GREY RAL 7035

Code	For boards LxH (mm)	Pack. Carton.
GW 46 564	310x425	1/5
GW 46 565	405x500	1/4
GW 46 566	405x650	1/5
GW 46 567	515x650	1/2
GW 46 568	585x800	1/2
GW 46 569	800x1060	1

NOTES: for further information about the distances between board door, inner door and back-mounting plate, refer to the dimensional data in the technical catalogue. The use of the metal inner door in the boards of the 46QP range requires the earth pin to be connected to the relative PE protection conductor only if non-class 2 devices are assembled on it.
CHARACTERISTICS: these are reversible.

GW46421F



COVERING PANELS WITH WINDOW, HEIGHT 1 MODULE, FAST & EASY QUICK ASSEMBLY - GREY RAL 7035

Code	No. of modules EN 50022	For standard boards (mm)	Characteristics	Pack. Carton.
GW 46 420 F	12	310	Halogen Free	1/10
GW 46 421 F	18	405	Halogen Free	1/10
GW 46 422 F	24	515	Halogen Free	1/10
GW 46 423 F	28	585	Halogen Free	1/5
GW 46 424 F	36	800	Halogen Free	1/5

CHARACTERISTICS: captive panel 1/4 turn sealing screws. GW46420F, GW46421F, GW46422F, GW464223F, possibility to fix directly on the inner walls of the polyester boards.

ACCESSORIES SUPPLIED: fixing accessories. Complete with DIN rail.

NOTES: in all boards, panel GW46424F can be fixed only with uprights GW46439F.

To obtain the depth adjustment of the DIN rail supplied with panel GW46420F, use kit GW46524F.

The use of kit GW46524F prohibits the use of assembled items kit GW46435F.

GW46425F



FAST & EASY QUICK ASSEMBLY BLANK COVERING PANELS - GREY RAL 7035

Code	For boards L (mm)	Characteristics	Pack. Carton.
HEIGHT: 1 MODULE			
GW 46 425 F	310	Halogen Free	1/10
GW 46 426 F	405	Halogen Free	1/10
GW 46 427 F	515	Halogen Free	1/13
GW 46 428 F	585	Halogen Free	1/5
GW 46 429 F	800	Halogen Free	1/5
HEIGHT: 2 MODULES			
GW 46 475 F	310	Halogen Free	1/5
GW 46 476 F	405	Halogen Free	1/5
GW 46 477 F	515	Halogen Free	1/5
GW 46 478 F	585	Halogen Free	1/5
GW 46 479 F	800	Halogen Free	1

CHARACTERISTICS: fixing panel 1/4 turn sealing screws.

GW46425F, GW46426F, GW46427F, GW46428F, GW46475F, GW46476, GW46477, GW46478F possibility to fix directly on the inner walls of the polyester boards. In all boards, panels GW46429F and GW46479F can be fixed only with uprights GW46439F.

ACCESSORIES SUPPLIED: fixing accessories.

GW46437F



PAIR OF UPRIGHTS FOR INSTALLATION OF FAST & EASY QUICK ASSEMBLY TECHNICAL COMPONENTS, FOR MODULAR DEVICES, MOULDED-CASE DEVICES, SWITCH- DISCONNECTORS AND BLANK/PERFORATED PLATES - H = 1 AND 2 MODULES

Code	For boards LxH (mm)	Pack. Carton.
GW 46 435 F	310 x 425	1/10
GW 46 436 F	405 x 500	1/10
GW 46 437 F	405 x 650 / 515 x 650	1/10
GW 46 438 F	585 x 800	1/10
GW 46 439 F	800 x 1060	1/10

APPLICATIONS: allow you to create extractable frames by using covering panels and/or DIN rails and perforated or full plates with a height of 1 or 2 modules and moulded-case device kits and knife switches.

GW46431F



FAST & EASY QUICK ASSEMBLY DIN RAILS

Code	No. of modules EN 50022	For standard boards (mm)	Pack. Carton.
GW 46 430 F	12	310	1/10
GW 46 431 F	18	405	1/10
GW 46 432 F	24	515	1/10
GW 46 433 F	28	585	1/10
GW 46 434 F	36	800	1/10

ACCESSORIES SUPPLIED: accessories for fixing to panel brackets.

NOTES: to use the DIN rails without the relative blank panel, use the GW46524F kit.

To restore the minimum degree of protection of the open door board, use the relative inner door.

GW46531F



FAST & EASY QUICK ASSEMBLY DOUBLE DIN RAILS

Code	No. of modules EN 50022	For standard boards (mm)	Pack. Carton.
GW 46 530 F	12	310	1/10
GW 46 531 F	18	405	1/10
GW 46 532 F	24	515	1/10
GW 46 533 F	28	585	1/10
GW 46 534 F	36	800	1/10

APPLICATIONS: suitable for use with the GWFIX 100 system.

ACCESSORIES SUPPLIED: accessories for fixing to panel brackets.

NOTES: the use of the dual DIN rails prevents the positioning of the vertical trunking.

To use the DIN rails without the relative blank panel, use the GW46524F kit.

To restore the minimum degree of protection of the open door board, use the relative inner door.

GW46570F



KIT OF MOULDED-CASE DEVICES AND SWITCH-DISCONNECTORS - FIXING BY MEANS OF UPRIGHTS - 2-MODULE PANEL HEIGHT - GREY RAL 7035

Code	Type MTX moulded-case dev.	Position of the RCCB	Type of MSS divider	For standard boards (mm)	Pack. Carton.
DEVICE FIXING: PLATE, DIN RAIL EN 50022					
GW 46 570 F	MTX 160c - MTX 160 - MTX 250	"L"-shaped	MSS 160	405	1
GW 46 571 F	MTX 160c - MTX 160 - MTX 250	"L"-shaped	MSS 160	515	1
GW 46 572 F	MTX 160c - MTX 160 - MTX 250	"L"-shaped	MSS 160	585	1
GW 46 573 F	MTX 160c - MTX 160 - MTX 250	"L"-shaped	MSS 160	800	1
DEVICE FIXING: ON PLATE					
GW 46 577 F			MSS 250	515	1
GW 46 578 F			MSS 250	585	1
GW 46 579 F			MSS 250	800	1

CHARACTERISTICS: panels with windows H=45mm; captive and sealing 1/4 turn screws. Fixed with uprights.

Pre-arrangement for vertically positioned devices. Halogen-free plastic.

ACCESSORIES SUPPLIED: fixing accessories.

NOTES: the MTX 160c and MTX 160 (both 3P and 4P) must be fixed to the DIN rail using the special brackets contained in the GWD8261 kit.

The MTX 250 (both 3P and 4P) require the GWD8262 kit.

The coupling of the MTX moulded-case devices - and relative residual current device - on the DIN rail requires the use of special brackets that can be found in the appropriate section of the DIN catalogue.

You are advised to always insert a blank panel above the moulded-case/switch-disconnector kit, to facilitate the cord positioning in the case of cord entry from the bottom.

The MSS switch-disconnectors cannot be installed together with MTX moulded-case devices on a single DIN rail from the kit, as they are of differing depths.

The peak current of the one-way switch indicated (in line with the presumed short-circuit current in the installation point) must NOT be greater than 17kA.

The presumed short-circuit current in the power supply line of the main switch of the board must NOT be greater than 10kA.

INTERNAL CONFIGURATION

GW46401



STEEL BACK-MOUNTING PLATES WITH ANTI-CORROSION TREATMENT FOR THE ASSEMBLY OF NON-MODULAR EQUIPMENT

Code	For boards LxH (mm)	Pack. Carton.
GW 46 401	250 x 300	1/5
GW 46 402	310 x 425	1/5
GW 46 403	405 x 500	1/5
GW 46 404	405 x 650	1/5
GW 46 405	515 x 650	1/4
GW 46 406	585 x 800	1/3
GW 46 407	800 x 1060	1

NOTES: for further information relating to the maximum applicable loads, see the table on the corresponding pages of the technical catalogue.

GW46464



PERFORATED BACK-MOUNTING PLATES IN GALVANISED STEEL FOR THE ASSEMBLY OF NON-MODULAR EQUIPMENT

Code	For boards LxH (mm)	Pack. Carton.
GW 46 461	250 x 300	1/5
GW 46 462	310 x 425	1/5
GW 46 463	405 x 500	1/5
GW 46 464	405 x 650	1/5
GW 46 465	515 x 650	1/4
GW 46 466	585 x 800	1/3
GW 46 467	800 x 1060	1/2

NOTES: to install devices, use nut and clips GW46450.

For further information relating to the maximum applicable loads, see the table on the corresponding pages of the technical catalogue.

GW46408



BACK-MOUNTING PLATES IN INSULATING MATERIAL FOR THE ASSEMBLY OF NON-MODULAR EQUIPMENT

Code	For boards LxH (mm)	Pack. Carton.
GW 46 408	250 x 300	1/5
GW 46 409	310 x 425	1/5
GW 46 410	405 x 500	1/5
GW 46 411	405 x 650	1/4
GW 46 412	515 x 650	1/3
GW 46 413	585 x 800	1/2

NOTES: for further information relating to the maximum applicable loads, see the table on the corresponding pages of the technical catalogue.

GW46440



PERFORATED PLATES IN GALVANISED STEEL - FIXING VIA UPRIGHTS

Code	For boards LxH (mm)	No. of modules EN 50022	Pack. Carton.
HEIGHT: 1 MODULE			
GW 46 440	310 x 425	12	1/5
GW 46 441	405 x 500 / 405 x 650	18	1/5
GW 46 442	515 x 650	24	1/5
GW 46 443	585 x 800	28	1/5
GW 46 444	800 x 1060	36	1/4
HEIGHT: 2 MODULES			
GW 46 480	310 x 425	12	1/5
GW 46 481	405 x 500 / 405 x 650	18	1/5
GW 46 482	515 x 650	24	1/5
GW 46 483	585 x 800	28	1/5
GW 46 484	800 x 1060	36	1/2

NOTES: Use nut and clips GW46450 to install components

GW46540



BLANK PLATES IN STEEL - FIXING BY MEANS OF UPRIGHTS

Code	For boards LxH (mm)	No. of modules EN 50022	Pack. Carton.
HEIGHT: 1 MODULE			
GW 46 540	310x425	12	1/5
GW 46 541	405x500 / 405x650	18	1/5
GW 46 542	515x650	24	1/5
GW 46 543	585x800	28	1/5
GW 46 544	800x1060	36	1/4
HEIGHT: 2 MODULES			
GW 46 580	310x425	12	1/5
GW 46 581	405x500 / 405x650	18	1/5
GW 46 582	515x650	24	1/5
GW 46 583	585x800	28	1/5
GW 46 584	800x1060	36	1/2

CHARACTERISTICS: fixed with uprights.

NOTES: to install non-standard devices and/or moulded-case devices.

GW46450



NUT AND CLIPS IN GALVANISED STEEL FOR THE FIXING OF DEVICES ON TO PERFORATED BACK-MOUNTING PLATES

Code	Description	Pack. Carton.
GW 46 450	Clip nut for screw M5	10/100

SERVICE TECHNICAL COMPONENTS

GW46451



SET OF 4 STEEL BRACKETS FOR FIXING SURFACE-MOUNTING BOARDS

Code	Material	Accessories supplied	Pack. Carton.
GW 46 446	Galvanised steel	Fixing screws	20
GW 46 451	Stainless steel	Fixing screws	20

GW46551



POLE SUPPORT KIT FOR BOARDS 46 QP

Code	For boards LxH (mm)	Max sustainable load (kg)	Pack. Carton.
GW 46 551	250x300	125	1
GW 46 552	310x425	125	1
GW 46 553	405x500 / 405x650	125	1
GW 46 554	515x650	125	1
GW 46 555	585x800	125	1

CHARACTERISTICS: fixed on the back of the boards.

APPLICATIONS: for applications of the 46QP boards on poles from 60 to 80mm and, by means of a banding (not included with the accessories supplied), from 80 to 200mm.

ACCESSORIES SUPPLIED: 2 pieces. For the correct use of the kit, see the instructions sheet.

GW4657F



PAIR OF FAST & EASY QUICK ASSEMBLY BRACKETS FOR SUPPORTING WIRING TRUNKING

Code	Use of trunking	Pack. Carton.
GW 46 57 F	Horizontal and/or vertical	1/10

CHARACTERISTICS: clip fixing on the board uprights. In the boards of size 2, 3, 4, 5 and 6, vertical trunking support up to 60x60mm and horizontal trunking up to 40x60mm, while for boards of size 7, vertical and horizontal trunking support up to 60x60mm.

APPLICATIONS: for boards of at least 405 x 500.

NOTES: to create horizontal and/or vertical trunking troughs.

GW46524F



FAST & EASY QUICK ASSEMBLY BRACKETS KIT WITH SUPPORT SLIDE, ADJUSTABLE FOR DIN RAILS

Code	Used for panel	Used for DIN rails	Pack. Carton.
GW 46 524 F	GW46420F	Simple and double	1/4

NOTES: to obtain the depth adjustment of the DIN rail supplied with panel GW46420F, use kit GW46524F.

The use of kit GW46524F prohibits the use of assembled items kit GW46435F.

To use the DIN rails without the relative blind panel, use kit GW46524F.

To restore the minimum degree of protection of the open door board, use the relative inner door.



GW46591

HANDLES FOR TRANSPORTATION

Code	Description	Pack. Carton.
GW 46 591	Pair of handles	1/10

APPLICATIONS: allows the 46QP boards to be transported.

NOTES: the handle kit can be used contemporaneously with the pole support kit or the set of brackets, for wall mounting.



GW47291

BLANKING MODULE PROFILE IN PLASTIC MATERIAL - GREY RAL 7035

Code	No. of modules EN 50022	Colour	Characteristics	Pack. Carton.
GW 40 423	4,5	Grey RAL 7035	Halogen Free	50
GW 47 291	24	Grey RAL 7035	Halogen Free	10

CHARACTERISTICS: clip fixing on DIN drilled front panels.



GW49209

DEPTH ADAPTOR

Code	Length (mm)	Pack. Carton.
GW 49 209	600	1

APPLICATIONS: compensation of the different installation depths on DIN rail of the modular devices (90 Range) and moulded-case devices (MTX Range).



GW46449

SEAL FOR COUPLING BOARDS EQUIPPED WITH DRILLING TEMPLATE

Code	Dimensions (mm)	Pack. Carton.
GW 46 449	295x150	1/10

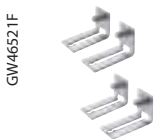
APPLICATIONS: can be used on enclosures starting with the 405x500x200 size.



GW47196

AEROSOL SPRAY FOR RETOUCHING

Code	Colour	Pack. Carton.
GW 47 196	Grey RAL 7035	1/6



GW46521F

SET OF 4 REVERSIBLE SQUARES FOR FIXING BACK-MOUNTING PLATES OR UPRIGHTS FOR MODULAR EQUIPMENT

Code	Description	Pack. Carton.
GW 46 521 F	Reversible squares	1/20

APPLICATIONS: allows the combined installation of the back-mounting plate and the frame.

ACCESSORIES SUPPLIED: fixing screws and bolts.



GW46592F

INSERTS KIT

Code	Description	Pack. Carton.
GW 46 592 F	Inserts kit	1/100

APPLICATIONS: allows you to extend the possibility of adding functional accessories to all the slots of the 46QP boards.

NOTES: the inserts are inserted in the free slots of the 46QP boards and are expanded in the housing, using a small dowel with a diameter of 4mm.

One insert kit package contains 10 inserts.



GW46522

TRIANGULAR KEY

Code	Description	Pack. Carton.
GW 46 522	Triangular key	10

APPLICATIONS: for frames - 46QP, QX, QM, and CEP.



GW46523

TRIANGULAR LOCK

Code	Description	Pack. Carton.
GW 46 523	Triangular lock	10

APPLICATIONS: for frames - 46QP, QX, QM, and CEP.



GW46445

SAFETY LOCK WITH HANDLE

Code	Description	Pack. Carton.
GW 46 445	Security lock key and handle	10

APPLICATIONS: for frames - 46QP, QX, QM, and CEP.

ACCESSORIES SUPPLIED: 2 keys. all the keys are supplied with a standardised code.

NOTES: all the keys and locks supplied are standard, so the key can open all the locks with the same product code.



GW46448

UNIVERSAL KIT FOR THE FORCED VENTILATION OF BOARDS - IP44 - 230 V - 50/60 HZ

Code	Description	Fixing hole (mm)	Screws centre distance (mm)	Pack. Carton.
GW 46 448	Ventilation kit	125x117	123x115	1/2
GW 46 471	Aeration kit	125x117	123x115	1/10

CHARACTERISTICS: the fan takes in air from the outside and introduces it into the board, creating a slight overpressure that prevents foreign particles entering. Max fan capacity 60mc/h; absorbed power equal to 20W.

APPLICATIONS: forced ventilation in critical thermal conditions.

ACCESSORIES SUPPLIED: drilling template.



GW46447

DOCUMENT HOLDER POCKET IN SELF-ADHESIVE INSULATING MATERIAL WITH KIT OF BLANK LABELS

Code	Dimensions (mm)	Pack. Carton.
GW 46 447	310x230	1/10

CHARACTERISTICS: can be inserted in all Gewiss enclosures from dimension 405x500x200 mm upwards.



GW44651

SINGLE-POLE MODULAR DIVIDING TERMINAL BLOCK FIXING ON PLATE OR ON DIN RAIL - IP20

Code	Outer dim. LxHxD (mm)	No. of modules EN 50022	Input connecting capacity	Output connecting capacity	Pack. Carton.
RATED CURRENT (A): 160					
GW 44 651	35x92x49	2	1x(10-70) mm ²	6x(2,5-16) mm ²	1/5

CHARACTERISTICS: possibility of making single-, two-, three- and four-pole dividers. Terminal grip torque: cables entering 4Nm, cables exiting 1.5 Nm.



GW44652

RIGID JUMPER KIT AND CAP FOR ONE-POLE TERMINAL BLOCK GW44651

Code	Description	Pack. Carton.
GW 44 652	Jumper kit	1/25



GW44691

MODULAR, BIPOLAR, DISTRIBUTING FRAME TERMINAL BLOCKS FITTED WITH TRANSPARENT PROTECTION CAP FIXING ON PLATE OR DIN RAIL - 750V - T 85°C

Code	Outer dim. LxHxD (mm)	No. of modules EN 50022	Input connecting capacity	Output connecting capacity	Icw (1s)	Pack. Carton.
RATED CURRENT (A): 100						
GW 44 691	70x49x50	4	1x(6-35) mm ²	[1x(4-25) + 5x(1,5-10)] mm ²	6 kA	2/20
RATED CURRENT (A): 125						
GW 44 693	141x49x50	8	1x(6-35) mm ²	[2x(4-25) + 2x(4-16) + 10x(1,5-10)] mm ²	6 kA	1/10

ACCESSORIES SUPPLIED: 2 circuit identification labels.

CHARACTERISTICS: the indicated connection capacity is "per pole".

NOTES: products bearing the IMQ quality mark.



GW44696

MODULAR, FOUR-POLE, DISTRIBUTING FRAME TERMINAL BLOCKS FITTED WITH TRANSPARENT PROTECTION CAP FIXING ON PLATE OR DIN RAIL - 750V - T 85°C

Code	Outer dim. LxHxD (mm)	No. of modules EN 50022	Input connecting capacity	Output connecting capacity	Icw (1s)	Pack. Carton.
RATED CURRENT (A): 100						
GW 44 696	70x88,5x50	4	1x(6-35) mm ²	[1x(4-25) + 5x(1,5-10)] mm ²	6 kA	2/20
RATED CURRENT (A): 125						
GW 44 698	141x88,5x50	8	1x(6-35) mm ²	[2x(4-25) + 2x(4-16) + 10x(1,5-10)] mm ²	6 kA	1/10
RATED CURRENT (A): 160						
GW 44 699	185x75x135	10	1x(16-50) mm ²	[2x(10-35) + 2x(6-25) + 8x(4-16)] mm ²	10 kA	1/6

CHARACTERISTICS: terminal tightening torque: input cables 4 Nm, output cables 1.5 Nm. The indicated connection capacity is "per pole".

NOTES: products bearing the IMQ quality mark.



GW44700

HORIZONTAL FOUR-POLE DIVIDER 250 A WITH PRE-DRILLED THREADED M6 BARS - 20X5 MM

Code	Dimensions (mm)	No. of modules EN 50022	Installation	Input connecting capacity	Output connecting capacity	Pack. Carton.
GW 44 700	285x190x70	16	On profile EN 50022	1xM12	10xM6	1

ACCESSORIES SUPPLIED: installation clip on DIN rail.

40 CD range

Surface-mounting distribution boards and enclosures

Four families capable of offering various solutions in industrial, commercial and domestic sectors.

- High modularity: from 2 to 72 modules.
- Wide performance range: from IP40 to IP65.
- Extractable frame versions.
- Halogen-free material versions.





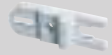






IMQ quality mark products.



40 CD RANGE

SURFACE-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

40 CD RANGE

		SURFACE-MOUNTING ENCLOSURES																														
		40 CDK SURFACE-MOUNTING MODULAR WATERTIGHT ENCLOSURES AND BOARDS - IP65	40 CD SURFACE-MOUNTING WATERTIGHT ENCLOSURES IP55	40 CD PROTECTED SURFACE-MOUNTING DECORATIVE ENCLOSURES IP40	40 CD PROTECTED SURFACE-MOUNTING ENCLOSURES IP40																											
		Colour: RAL 7035 Grey Door: smoked transparent Doors: smooth 	Colour: RAL 7035 Grey Door: smoked transparent Doors: with perforation centres 	Colour: RAL 9016 White Door: smoked transparent Doors: smooth 	Colour: RAL 7035 Grey Door: no Doors: with perforation centres 																											
MODULES	2	-	-	-	GW 40 022																											
	4	GW 40 101	GW 40 001	-	GW 40 023																											
	6	-	-	-	GW 40 024																											
	8	GW 40 102	GW 40 003	GW 40 043	GW 40 026																											
	12	with terminal block	-	GW 40 004	GW 40 044	GW 40 027																										
			GW 40 103	GW 40 005	GW 40 045	GW 40 028																										
	18	GW 40 106	-	-	-																											
	24 (12x2)	with terminal block	-	GW 40 006	GW 40 046	GW 40 029																										
			GW 40 104	GW 40 007	GW 40 047	GW 40 030																										
	36 (12x3)	with terminal block	-	-	-	GW 40 032																										
			GW 40 105	-	-	GW 40 031																										
36 (18x2)	with terminal block	-	GW 40 008	GW 40 048	-																											
		GW 40 107	GW 40 009	GW 40 049	-																											
54 (18x3)	GW 40 108	-	GW 40 051	-																												
72 (18x4)	GW 40 109	-	GW 40 053	-																												
COMPLEMENTARY ITEMS	INSTALLATION	Surface-mounting fixing brackets for enclosures and boards 	4 x GW 44 621	4 x GW 44 621	4 x GW 44 621	4 x GW 44 621																										
		Stylish coupling covers for conduit and trunking entry 	<table border="1"> <thead> <tr> <th>Modules</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>12-24-36(12x3)</td> <td>GW 40 473</td> </tr> <tr> <td>18-36(18x2)-54-72</td> <td>GW 40 474</td> </tr> </tbody> </table>	Modules	Code	12-24-36(12x3)	GW 40 473	18-36(18x2)-54-72	GW 40 474	-	-	-																				
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	12-24-36(12x3)	GW 40 473																														
	18-36(18x2)-54-72	GW 40 474																														
	WIRING	Insulated neutral and earth terminal blocks 	<table border="1"> <thead> <tr> <th>Modules</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>GW 40 401</td> </tr> <tr> <td>12-24-36(12x3)</td> <td>GW 40 402</td> </tr> <tr> <td>18-36(18x2)-54-72</td> <td>GW 40 404</td> </tr> </tbody> </table>	Modules	Code	8	GW 40 401	12-24-36(12x3)	GW 40 402	18-36(18x2)-54-72	GW 40 404	<table border="1"> <thead> <tr> <th>Modules</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>8-24</td> <td>GW 40 401</td> </tr> <tr> <td>12-36</td> <td>GW 40 402</td> </tr> </tbody> </table>	Modules	Code	8-24	GW 40 401	12-36	GW 40 402	<table border="1"> <thead> <tr> <th>Modules</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>8-24</td> <td>GW 40 401</td> </tr> <tr> <td>12-36-54-72</td> <td>GW 40 402</td> </tr> </tbody> </table>	Modules	Code	8-24	GW 40 401	12-36-54-72	GW 40 402	<table border="1"> <thead> <tr> <th>Modules</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>8-24</td> <td>GW 40 401</td> </tr> <tr> <td>12-36</td> <td>GW 40 402</td> </tr> </tbody> </table>	Modules	Code	8-24	GW 40 401	12-36	GW 40 402
			Modules	Code																												
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		12-24-36(12x3)	GW 40 402																													
		18-36(18x2)-54-72	GW 40 404																													
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12-36-54-72	GW 40 402																															
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12-36	GW 40 402																															
Internal horizontal dividers 	<table border="1"> <thead> <tr> <th>Modules</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>24-36(12x3)</td> <td>GW 40 487</td> </tr> <tr> <td>36(18x2)-54-72</td> <td>GW 40 488</td> </tr> </tbody> </table>	Modules	Code	24-36(12x3)	GW 40 487	36(18x2)-54-72	GW 40 488	-	-	-																						
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24-36(12x3)	GW 40 487																															
36(18x2)-54-72	GW 40 488																															
1-module high blank cover panels 	<table border="1"> <thead> <tr> <th>Modules</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>24-36(12x3)</td> <td>GW 40 492</td> </tr> <tr> <td>36(18x2)-54-72</td> <td>GW 40 493</td> </tr> </tbody> </table>	Modules	Code	24-36(12x3)	GW 40 492	36(18x2)-54-72	GW 40 493	-	-	-																						
	Modules	Code																														
24-36(12x3)	GW 40 492																															
36(18x2)-54-72	GW 40 493																															
MISCELLANEOUS	Cylindrical safety lock 	GW 40 422	-	GW 40 422	-																											
	Triangular key 	-	GW 40 421	-	-																											

40 CDK - MODULAR WATERTIGHT ENCLOSURES AND DISTRIBUTION BOARDS - IP65

<p>INSTALLATION</p> <p>min -25°C max +60°C</p>	<p>10 J</p> <p>EN 62262</p>	<p>IP65</p> <p>EN 60529</p>	<p>GWT 650°C</p> <p>EN 60695-2-11</p>	<p>CLASSE II</p> <p>EN 61140</p>
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40 CD RANGE

SMOKED TRANSPARENT DOOR - SMOOTH WALLS



GW40101

ENCLOSURES - PRE-ARRANGED FOR TERMINAL BLOCK - GREY RAL 7035

Code	No. modules DIN	Outer dim. LxHxD (mm)	Installable term.blocks	Dispersible power(W)	Characteristics	Pack. Carton.
GW 40 101	4	143 x 210 x 100		13	Halogen free	19
GW 40 102	8	215 x 210 x 100	GW40401	16	Halogen free	12
GW 40 103	12	298 x 260 x 140	GW40402	26	Halogen free	6
GW 40 106	18	410 x 285 x 140	GW40404	38	Halogen free	3

ACCESSORIES SUPPLIED: screwcaps and module masks, circuit labels.
NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the GW52401 milling cutter.
 To reset the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621).
CHARACTERISTICS: thermo-pressure with ball equal to 70°C.



GW40105

DISTRIBUTION BOARDS WITH PANELS WITH WINDOW AND EXTRACTABLE FRAME PROVISION FOR TERMINAL BLOCK - GREY RAL 7035

Code	No. modules DIN	Outer dim. LxHxD (mm)	Installable term.blocks	Dispersible power(W)	Characteristics	Pack. Carton.
GW 40 104	24 (12x2)	298 x 420 x 140	GW40402	32	Halogen free	3
GW 40 105	36 (12x3)	298 x 570 x 140	2xGW40402	42	Halogen free	2
GW 40 107	36 (18x2)	410 x 463 x 140	2xGW40404	43	Halogen free	2
GW 40 108	54 (18x3)	410 x 655 x 140	2xGW40404	66	Halogen free	1
GW 40 109	72 (18x4)	410 x 878 x 160	2xGW40404	89	Halogen free	1

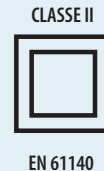
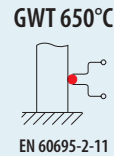
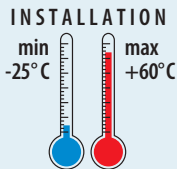
ACCESSORIES SUPPLIED: screwcaps and module masks, circuit labels.
NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the GW52401 milling cutter.
 To reset the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621).
CHARACTERISTICS: removable, sealing panels with windows. Thermo-pressure with ball equal to 70°C.

40 CD RANGE

SURFACE-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

40 CD RANGE

40 CD - WATERTIGHT ENCLOSURES - IP55



SMOKED TRANSPARENT DOOR - WALLS WITH PERFORATION CENTRES

GW40001



ENCLOSURES PREARRANGED FOR HOUSING TERMINAL BLOCKS - GREY RAL 7035



Code	No. modules DIN	Outer dim. LxHxD (mm)	Installable term.blocks	Dispersible power(W)	Characteristics	Pack. Carton.
GW 40 001	4	105 x 170 x 98		12	Halogen free	24
GW 40 003	8	180 x 180 x 98	GW40401	13	Halogen free	24
GW 40 005	12	250 x 250 x 135	GW40402	25	Halogen free	8
GW 40 007	24 (12x2)	250 x 375 x 135	2xGW40401	27	Halogen free	6
GW 40 009	36 (18x2)	376 x 400 x 135	2xGW40402	41	Halogen free	4

ACCESSORIES SUPPLIED: screwcaps and module masks, circuit labels, spare screws in insulating material.

GW40005; GW40007; GW40009, doors equipped with lock, with 2 triangular keys.

NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the GW52401 milling cutter.

To reset the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621).

CHARACTERISTICS: thermo-pressure with ball equal to 70°C.

GW40008



ENCLOSURES EQUIPPED WITH TERMINAL BLOCK - GREY RAL 7035

Code	No. modules DIN	Outer dim. LxHxD (mm)	Terminal block N (mm ²)	Terminal block T (mm ²)	Dispersible power(W)	Pack. Carton.
GW 40 004	12	250 x 250 x 135	(3x25)+(10x10)	(3x25)+(10x10)	25	6
GW 40 006	24 (12x2)	250 x 375 x 135	2x[(1x25)+(7x10)]	2x[(1x25)+(7x10)]	27	6
GW 40 008	36 (18x2)	376 x 400 x 135	2x[(3x25)+(10x10)]	2x[(3x25)+(10x10)]	41	4

ACCESSORIES SUPPLIED: terminal block, screwcaps and module masks, circuit labels, spare screws in insulating material.

Doors equipped with lock, with 2 triangular keys.

NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the GW52401 milling cutter.

To reset the double insulation, use the relative accessories supplied (module masks and screwcaps) or the brackets for surface-mounting (GW44621).

CHARACTERISTICS: thermo-pressure with ball equal to 70°C.

①=May 2010

②=June 2010

③=September 2010

40 CD - PROTECTED DECORATIVE ENCLOSURES - IP40

<p>INSTALLATION</p> <p>min -25°C max +60°C</p>	<p>5 J</p> <p>EN 62262</p>	<p>IP40</p> <p>EN 60529</p>	<p>GWT 650°C</p> <p>EN 60695-2-11</p>	<p>CLASSE II</p> <p>EN 61140</p>
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40 CD RANGE

SMOKED TRANSPARENT DOOR - SMOOTH WALLS



GW40043

ENCLOSURES PRE-ARRANGED FOR TERMINAL BLOCK - WHITE RAL 9016



Code	No. modules DIN	Outer dim. LxHxD (mm)	Installable term.blocks	Dispersible power(W)	Characteristics	Pack. Carton.
GW 40 043	8	200 x 180 x 100	GW40401	15	Halogen free	14
GW 40 045	12	280 x 225 x 100	GW40402	22	Halogen free	9
GW 40 047	24 (12x2)	280 x 350 x 100	2xGW40401	25	Halogen free	6
GW 40 049	36 (18x2)	400 x 400 x 130	2xGW40402	45	Halogen free	2
GW 40 051	54 (18x3)	400 x 550 x 130	2xGW40402	63	Halogen free	2
GW 40 053	72 (18x4)	400 x 850 x 150	4xGW40402	75	Halogen free	1

ACCESSORIES SUPPLIED: module masks, circuit labels.
 GW40049, GW40051, GW40053, equipped with removable frame for carrying out wiring operations outside the enclosure.
NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the GW52401 milling cutter.
 To restore the double insulation, use the relative accessories (module masks, screwcaps, or brackets for surface-mounting).
CHARACTERISTICS: thermo-pressure with ball equal to 70°C.



GW40048

ENCLOSURES FITTED UP WITH TERMINAL BLOCK - WHITE RAL 9016

Code	No. modules DIN	Outer dim. LxHxD (mm)	Dispersible power(W)	Pack. Carton.
GW 40 044	12	280 x 225 x 100	22	9
GW 40 046	24 (12x2)	280 x 350 x 100	25	6
GW 40 048	36 (18x2)	400 x 400 x 130	45	2

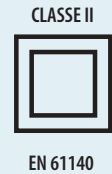
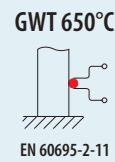
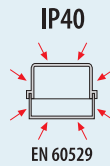
ACCESSORIES SUPPLIED: terminal block, module masks, user labels.
 GW40044: Terminal block N (mm²) (3x25) + (10x10) and terminal block T (mm²) (3x25) + (10x10);
 GW40046: Terminal block N (mm²) 2x[(1x25) + (7x10)] and terminal block T (mm²) 2x[(1x25) + (7x10)];
 GW40048: Terminal block N (mm²) 2x[(1x25) + (7x10)] and terminal block T (mm²) 2x[(1x25) + (7x10)];
 fitted with removable frame, to carry out the wiring operations outside the enclosure.
NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the milling cutter GW52401.
 To restore the double insulation, use the relative accessories (blinking module masks, screwcaps or brackets for wall mounting).
CHARACTERISTICS: thermo-pressure with ball equal to 70°C.

40 CD RANGE

SURFACE-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

40 CD RANGE

40 CD - PROTECTED ENCLOSURES - IP40



WITHOUT DOOR - WALLS WITH PERFORATION CENTRES

GW40022



ENCLOSURES PRE-ARRANGED FOR TERMINAL BLOCK - GREY RAL 7035



Code	No. modules DIN	Outer dim. LxHxD (mm)	Installable term.blocks	Dispersible power(W)	Characteristics	Pack. Carton.
GW 40 022	2	45 x 130 x 85		7	Halogen free	84
GW 40 023	4	90 x 130 x 85		9	Halogen free	36
GW 40 024	6	140x155x85		14	Halogen free	34
GW 40 026	8	180 x 180 x 95	GW40401	18	Halogen free	24
GW 40 028	12+1	250 x 215 x 95	GW40402	27	Halogen free	12
GW 40 030	24+2 (12x2)	250 x 340 x 95	2xGW40401	40	Halogen free	12
GW 40 032	36+3 (12x3)	250 x 465 x 95	2xGW40402	54	Halogen free	9

CHARACTERISTICS: GW40022 sealable front. Thermo-pressure with ball equal to 70°C.

ACCESSORIES SUPPLIED: module masks, service labels.

NOTES: dispersible power calculated according IEC 60670-24. For the perforations, use the milling cutter GW52401.

To maintain the IP degree declared, install devices with a degree of protection of at least IP40 and use the relative accessories (module masks, screwcaps or wall mounting brackets). To restore the double insulation, use the relative accessories (module masks, screwcaps or wall mounting brackets).

GW40029



ENCLOSURES FITTED UP WITH TERMINAL BLOCK - GREY RAL 7035

Code	No. modules DIN	Outer dim. LxHxD (mm)	Terminal block N (mm ²)	Terminal block T (mm ²)	Dispersible power(W)	Pack. Carton.
GW 40 027	12+1	250 x 215 x 95	(3x25)+(10x10)	(3x25)+(10x10)	27	12
GW 40 029	24+2 (12x2)	250 x 340 x 95	2x[(1x25)+(7x10)]	2x[(1x25)+(7x10)]	40	12
GW 40 031	36+3 (12x3)	250 x 465 x 95	2x[(3x25)+(10x10)]	2x[(3x25)+(10x10)]	54	9

ACCESSORIES SUPPLIED: terminal block, module masks, user labels.

NOTES: dispersible power calculated according to IEC 60670-24. For the perforations, use the milling cutter GW52401.

To maintain the IP degree declared, install devices with a degree of protection of at least IP40 and use the relative accessories (module masks, screwcaps or wall mounting brackets). To restore the double insulation, use the relative accessories (module masks, screwcaps or wall mounting brackets).

CHARACTERISTICS: thermo-pressure with ball equal to 70°C.

①=May 2010

②=June 2010

③=September 2010

COMPLEMENTARY ITEMS

INSTALLATION AND COUPLING

GW44621



WALL FIXING BRACKET

Code	Material	Accessories supplied	For enclosures /dist.boards	Characteristics	Pack. Carton.
GW 44 621	Insulation	Fixing self-tapping screws	All wall types	Halogen Free	40/480

APPLICATIONS: used to maintain the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.

GW40474



AESTHETIC COUPLING COVERS FOR CONDUIT AND TRUNKING ENTRY FOR CDK DISTRIBUTION BOARDS AND ENCLOSURES

Code	For encl. /boards with rail	Fixing	Characteristics	Pack. Carton.
GW 40 473	12 Modules	Clip	Halogen free	20
GW 40 474	18 Modules	Clip	Halogen free	20

CHARACTERISTICS: covers with internal knockouts for trunking from 60x30mm to 200x60mm.

WIRING

GW40402



TERMINAL BLOCKS WITH INSULATED NEUTRAL AND EARTH BARS FOR ENCLOSURES AND BOARDS

Code	Terminal block N (mm ²)	Terminal block T (mm ²)	For enclosures	Fixing	Pack. Carton.
GW 40 401	(1x25)+(7x10)	(1x25)+(7x10)	8 modules EN 50022	With screws	20
GW 40 402	(3x25)+(10x10)	(3x25)+(10x10)	12 modules EN 50022	With screws	20
GW 40 404	(5x25)+(14x10)	(5x25)+(14x10)	18 modules EN 50022	With screws and/or clip	20

ACCESSORIES SUPPLIED: fixing screws.

GW40488



INTERNAL HORIZONTAL DIVIDERS FOR CDKI DISTRIBUTION BOARDS

Code	For boards EN 50022 rail	Fixing	Characteristics	Pack. Carton.
GW 40 487	12 modules	Clip	Halogen free	10/100
GW 40 488	18 modules	Clip	Halogen free	10/100

NOTES: they permit making internal separation between the circuits having different voltages located on more than one row inside the same shell.

GW40493



BLANK COVER PANELS 1 MODULE HIGH FOR CDK DISTRIBUTION BOARDS

Code	Suitable for	For boards EN 50022 rail	Colour	Characteristics	Pack. Carton.
GW 40 492	Wall mounting distr. boards	12 modules	Grey RAL 7035	Halogen free	20
GW 40 493	Wall mounting distr. boards	18 modules	Grey RAL 7035	Halogen free	20

CHARACTERISTICS: sealing.

40 CD RANGE

SURFACE-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

MISCELLANEOUS

40 CD RANGE

GW40421



SECURITY TRIANGULAR KEY

Code	For enclosures	Material	Characteristics	Pack. Carton.
GW 40 421	40 CD Watertight IP55	Insulation	Halogen free	10/100

GW40422



CYLINDRICAL SECURITY LOCK

Code	For enclosures	Material	Pack. Carton.
GW 40 422	40 CDK and 40 CD decorative	Pressure die-cast metal	1/10

ACCESSORIES SUPPLIED: 2 keys. all the keys are supplied with a standardised code.

NOTES: all the keys and locks supplied are standard, so the key can open all the locks with the same product code.

GW40467



PLASTIC MODULE COVER PROFILE

Code	No. of modules EN 50022	Colour	Characteristics	Pack. Carton.
GW 40 467	4,5	White RAL 9016	Halogen Free	50
GW 40 423	4,5	Grey RAL 7035	Halogen Free	50

CHARACTERISTICS: clip fixing.

GW44623



INSULATING SCREW CAPS

Code	Description	Characteristics	Pack. Carton.
GW 44 623	Screwcap Ø25mm	Halogen Free	10/100

APPLICATIONS: used to restore the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.

①=May 2010

②=June 2010

③=September 2010

40 CDi range

Flush-mounting distribution boards and enclosures




Seven families to meet any requirement in residential, commercial and industrial sectors.

- High modularity from 2 to 72 modules.
- Various protection degrees: from IP40 to IP55.
- Precise design - versions with blank or smoked door.
- Versions that can be fitted with a security lock.
- Halogen-free material versions.
- Specific versions for plasterboard walls.

IMQ quality mark products.



FLUSH-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

		FLUSH-MOUNTING ENCLOSURES										
		40 CDi RANGE PROTECTED DECORATIVE ENCLOSURES IP40				40 CDi RANGE CHORUS ENCLOSURES IP40				40 CDi RANGE - MODULAR PROTECTED ENCLOSURES AND DISTRIBUTION BOARDS IP40		
		 Door: smoked transparent				 Door: smoked transparent with automatic opening				 Colour: RAL 9016 white Door: smoked transparent and blank		
		FRAME				VERSION	FRAME			DOOR		
Milk white	Toner black	Varnished Titanium	Varnished Slate	Milk white	Titanium		Slate	Smoked transparent	Blank			
MODULES	2	-	-	-	-	-	-	-	GW 40 601 (*)	-		
	4	GW 40 237 TB	GW 40 237 TN	GW 40 237 VT	GW 40 237 VA	-	-	-	GW 40 602	GW 40 882		
	6	-	-	-	-	-	-	-	GW 40 603	GW 40 883		
	8	GW 40 225 TB	GW 40 225 TN	GW 40 225 VT	GW 40 225 VA	-	-	-	GW 40 604	GW 40 884		
	12	GW 40 229 TB	GW 40 229 TN	GW 40 229 VT	GW 40 229 VA	empty empty electronic complete electronic	GW 40 981 TB	GW 40 981 VT	GW 40 981 VA	GW 40 605	GW 40 885	
		with terminal block	GW 40 227 TB	GW 40 227 TN	GW 40 227 VT		GW 40 227 VA	GW 40 251 GW 40 801	GW 40 271 GW 40 811			GW 40 261 GW 40 806
	18	-	-	-	-	-	-	-	-	GW 40 608	GW 40 888	
	24 (12x2)	GW 40 233 TB	GW 40 233 TN	GW 40 233 VT	GW 40 233 VA	empty empty electronic complete electronic	GW 40 991 TB	GW 40 991 VT	GW 40 991 VA	GW 40 606	GW 40 886	
		with terminal block	GW 40 231 TB	GW 40 231 TN	GW 40 231 VT		GW 40 231 VA	GW 40 256 GW 40 821	GW 40 276 GW 40 831			GW 40 266 GW 40 826
	36 (12x3)	GW 40 239 TB	GW 40 239 TN	GW 40 239 VT	GW 40 239 VA	-	-	-	-	-	-	
		with terminal block	GW 40 241 TB	GW 40 241 TN	GW 40 241 VT	GW 40 241 VA	-	-	-	-	-	
	36 (18x2)	-	-	-	-	-	-	-	-	GW 40 609	GW 40 889	
with terminal block		-	-	-	-	-	-	-	-	-		
48 (12x4)	with terminal block	-	-	-	-	-	-	-	-	-		
54 (18x3)	-	-	-	-	-	-	-	-	GW 40 610	GW 40 890		
72 (18x4)	-	-	-	-	-	-	-	-	GW 40 611	GW 40 891		
COMPLEMENTARY ITEMS	Anti-deformation brackets for walling enclosure base boxes	-				-				GW 40 479 from 36M		
	Combined coupling component	2 x GW 40 425 for 8M and 12M				-				2 x GW 40 425 from 12M		
	Kit of 4 long screws with spacers	GW 48 645				GW 48 645				GW 48 645 from 6M		
	Insulated neutral and earth terminal blocks	Modules	Code			GW 40 402				Modules	Code	
		8-24	GW 40 401							8	GW 40 401	
		12-36	GW 40 402							12-24	GW 40 402	
	Internal dividers (horizontal and vertical)	-				-				horizontal	18-36-54-72	GW 40 404
											Modules	Code
											24	GW 40 487
	1-module high blank cover panels	-				-				horizontal	36-54-72	GW 40 488
Modules											Code	
24											GW 40 495	
Security lock	GW 40 422 (metal cylinder) for 24M and 36M				-				GW 40 422 (metal cylinder)			
	Modules	Code			-				-			
4	GW 40 671											
8	GW 40 673											
12	GW 40 674											
24	GW 40 677											
Spare base	36	GW 40 679										
	6.5M				4.5M				4.5M			
	GW 40 467 TB (Milk white)	GW 40 467 TN (Toner black)	GW 40 467 VT (Titanium)	GW 40 467 VA (Slate)	RAL 9016 white		GW 40 467		RAL 9016 White GW 40 467			
				RAL 7035 Grey		GW 40 423						
				Toner black		GW 40 468						

(*) Without door

FLUSH-MOUNTING ENCLOSURES							
40 CDi RANGE PROTECTED ENCLOSURES IP40		48 PTC RANGE MODULAR WATERTIGHT ENCLOSURES AND BOARDS - IP55		40 CDi RANGE PROTECTED ENCLOSURES FOR PLASTERBOARD WALLS - IP40			
Colour: RAL 9016 White Door: blank		Colour: RAL 7035 Grey Door: smoked transparent		Colour: RAL 9016 White Door: blank metal Frame: metal			
-	-	-	-	-	-		
-	-	GW 48686 (housing 2 IEC309 socket-outlets)		-	-		
-	-	GW 48 681		-	-		
GW 40 655	-	-		-	-		
GW 40 657	-	GW 48 682		-	-		
GW 40 656	-	-		GW 40 161			
-	-	-		-	-		
GW 40 659	-	-		-	-		
GW 40 658	-	-		GW 40 162			
-	-	-		-	-		
-	-	-		GW 40 163			
GW 40 661	-	-		-	-		
GW 40 660	-	-		-	-		
-	-	-		GW 40 164			
-	-	-		-	-		
-	-	-		-	-		
-	-	GW 48 026 (also more than one)		-	-		
GW 48 645		GW 48 645		-			
Modules	Code			Modules	Code		
8-24	GW 40 401			12	GW 40 451		
12-36	GW 40 402			24	GW 40 452		
				36-48			
				horizontal	vertical		
		Modules	Code			Modules	Code
		12	GW 40 460			12	GW 40 456
		24	GW 40 460			24	GW 40 457
		36	GW 40 460	36	GW 40 458		
		48	GW 40 460	48	GW 40 459		
-	-	-		-	-		
GW 40 421 (triangular) from 12M	-	GW 48 644 (watertight metal cylinder)		GW 40 463 (metal)			
-	-	-		-	-		
4.5M	-	4.5M		4.5M			
White RAL 9016 - GW 40 467	-	Grey RAL 7035 - GW 40 423		White RAL 9016 - GW 40 467			

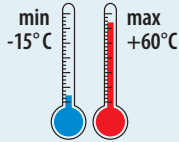
40 CDi RANGE

FLUSH-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

40 CDi RANGE

40 CDi - DECORATIVE ENCLOSURES - IP40

INSTALLATION



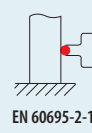
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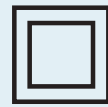
IP40



GWT 650°C



CLASSE II



EN 61140

SMOKED TRANSPARENT DOOR

GW40229TB



DECORATIVE ENCLOSURES PRE-ARRANGED FOR HOUSING TERMINAL BLOCKS



Code	Colour	Front dim. LxHxD (mm)	Spare base	Dispersible power(W)	Characteristics	Pack. Carton.
No. MODULES DIN: 4+1/2						
GW 40 237 TB	Milk white	148x165x23	GW40671	13	Halogen free	12
GW 40 237 TN	Toner black	148x165x23	GW40671	13	Halogen free	12
GW 40 237 VT	Varnished titanium	148x165x23	GW40671	13	Halogen free	12
GW 40 237 VA	Varnished slate	148x165x23	GW40671	13	Halogen free	12
No. MODULES DIN: 8+1/2						
GW 40 225 TB	Milk white	250x195x26	GW40673	19	Halogen free	16
GW 40 225 TN	Toner black	250x195x26	GW40673	19	Halogen free	16
GW 40 225 VT	Varnished titanium	250x195x26	GW40673	19	Halogen free	16
GW 40 225 VA	Varnished slate	250x195x26	GW40673	19	Halogen free	16
No. MODULES DIN: 12+1						
GW 40 229 TB	Milk white	330x218x25	GW40674	24	Halogen free	12
GW 40 229 TN	Toner black	330x218x25	GW40674	24	Halogen free	12
GW 40 229 VT	Varnished titanium	330x218x25	GW40674	24	Halogen free	12
GW 40 229 VA	Varnished slate	330x218x25	GW40674	24	Halogen free	12
No. MODULES DIN: 24+2 (12x2)						
GW 40 233 TB	Milk white	330x338x28	GW40677	25	Halogen free	5
GW 40 233 TN	Toner black	330x338x28	GW40677	25	Halogen free	5
GW 40 233 VT	Varnished titanium	330x338x28	GW40677	25	Halogen free	5
GW 40 233 VA	Varnished slate	330x338x28	GW40677	25	Halogen free	5
No. MODULES DIN: 36+3 (12x3)						
GW 40 239 TB	Milk white	330x493x28	GW40679	42	Halogen free	5
GW 40 239 TN	Toner black	330x493x28	GW40679	42	Halogen free	5
GW 40 239 VT	Varnished titanium	330x493x28	GW40679	42	Halogen free	5
GW 40 239 VA	Varnished slate	330x493x28	GW40679	42	Halogen free	5

ACCESSORIES SUPPLIED: 6.5M module-covering profiles co-ordinated with the colour of the enclosure front (for 4, 8 and 12-module enclosures - 1 profile; for 24-module enclosures - 2 profiles; for 36-module enclosures - 3 profiles), circuit labels, mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

NOTES: dispersible power calculated according to IEC 60670-24.

CHARACTERISTICS: Module-covering profiles can be divided into 1/2 module elements, using scissors.

Mortar guard element assembled by pressing on the base opening. Thermo-pressure with ball equal to 70°C.

IP40 guaranteed even with open door, in the case of wall-embedded installation using devices of at least IP40 and the module-covering profiles supplied.

①=May 2010

②=June 2010

③=September 2010

GW40227TN



DECORATIVE ENCLOSURES FITTED UP WITH TERMINAL BLOCK

Code	Colour	Front dim. LxHxD (mm)	Spare base	Dispersible power(W)	Pack. Carton.
No. MODULES DIN: 12+1					
GW 40 227 TB	Milk white	330x218x25	GW40674	24	12
GW 40 227 TN	Toner black	330x218x25	GW40674	24	12
GW 40 227 VT	Varnished titanium	330x218x25	GW40674	24	12
GW 40 227 VA	Varnished slate	330x218x25	GW40674	24	12
No. MODULES DIN: 24+2					
GW 40 231 TB	Milk white	330x338x28	GW40677	25	5
GW 40 231 TN	Toner black	330x338x28	GW40677	25	5
GW 40 231 VT	Varnished titanium	330x338x28	GW40677	25	5
GW 40 231 VA	Varnished slate	330x338x28	GW40677	25	5
No. MODULES DIN: 36+3					
GW 40 241 TB	Milk white	330x493x28	GW40679	42	5
GW 40 241 TN	Toner black	330x493x28	GW40679	42	5
GW 40 241 VT	Varnished titanium	330x493x28	GW40679	42	5
GW 40 241 VA	Varnished slate	330x493x28	GW40679	42	5

ACCESSORIES SUPPLIED: terminal blocks, 6.5M module-covering profiles co-ordinated with the colour of the enclosure front (for 12-module enclosures - 1 profile; for 24-module enclosures - 2 profiles; for 36-module enclosures - 3 profiles), circuit labels, mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

GW40227TB, GW40227TN, GW40227VT and GW40227VA: N terminal block (mm²) (3x25)+(10x10) and T terminal block (mm²) (3x25)+(10x10)

GW40231TB, GW40231TN, GW40231VT and GW40231VA: N terminal block (mm²) 2x[(1x25)+(7x10)] and T terminal block (mm²) 2x[(1x25)+(7x10)]

GW40241TB, GW40241TN, GW40241VT and GW40241VA: N terminal block (mm²) 2x[(3x25)+(10x10)] and T terminal block (mm²) 2x[(3x25)+(10x10)]

NOTES: dispersible power calculated according to IEC 60670-24.

CHARACTERISTICS: Module-covering profiles can be divided into 1/2 module elements, using scissors.

Mortar guard element assembled by pressing on the base opening. Thermo-pressure with ball equal to 70°C.

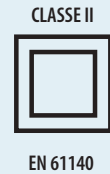
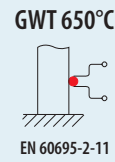
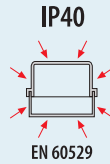
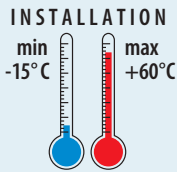
IP40 guaranteed even with open door, in the case of wall-embedded installation using devices of at least IP40 and the module-covering profiles supplied.

40 CDi RANGE

FLUSH-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

40 CDi RANGE

40 CDi - CHORUS ENCLOSURES - IP40



COMPLETE ELECTRONIC CO-ORDINATED ENCLOSURES



FLUSH-MOUNTING ENCLOSURES EQUIPPED WITH SYSTEM MONITORING UNIT - 230V - 50/60HZ - IP40 - COMPLETE WITH RESIDUAL CURRENT CIRCUIT BREAKER WITH INCORPORATED RESTART AND AUTOTEST FUNCTIONS, AND MINIATURE CIRCUIT BREAKERS

Code	In RCCB	MCB 10A	MCB 16A	Colour	Free modules	Pack. Carton.
No. MODULES DIN: 12						
GW 40 801	25 A	1	3	Milk white	2	1/2
GW 40 811	25 A	1	3	Titanium	2	1/2
GW 40 806	25 A	1	3	Slate	2	1/2
No. MODULES DIN: 24 (12x2)						
GW 40 821	40 A	2	5	Milk white	11	1/2
GW 40 831	40 A	2	5	Titanium	11	1/2
GW 40 826	40 A	2	5	Slate	11	1/2

CHARACTERISTICS: A-type residual current circuit breaker, I_{dn} = 30mA. 2-pole miniature circuit breakers, C bend, I_{cn} = 4.5kA.

Adhesive labels with graphic symbol to identify the users. Cables complete with test prods and supporting terminal board for connecting the intelligent unit.

Sensors to measure the absorbed current and differential current. Module masks. Thermo-pressure with ball equal to 70°C.

APPLICATIONS: the enclosures can be completed with the "GEWISS BIOCOMFORT GW96339" disconnection switch, for systems in the field of bio-architecture.

Suitable for use in the home, or similar environments, with a contractual power up to 6kW.

COMPOSITION: 1 SELF-TEST residual current circuit-breaker with reset, miniature circuit breakers as shown in the table,

1 shunt trip release to associate with a one-way switch for controlling a "non priority" load.

NOTES: complete insulation, in accordance with Standard EN61140. Dimensions: 320x255x80 (12 modules), 320x360x80 (24 modules).

Dispersible power calculated according to IEC 60670-24: 26W (12 modules), 36W (24 modules).

①=May 2010

②=June 2010

③=September 2010

EMPTY ELECTRONIC CO-ORDINATED ENCLOSURES


**FLUSH-MOUNTING ENCLOSURES EQUIPPED WITH SYSTEM MONITORING UNIT
230V - 50/60HZ - IP40**

Code	Colour	Outer dim. LxHxD (mm)	Dispersible power(W)	Pack. Carton.
No. MODULES DIN: 12				
GW 40 251	Milk white	320x255x80	26	1/2
GW 40 271	Titanium	320x255x80	26	1/2
GW 40 261	Slate	320x255x80	26	1/2
No. MODULES DIN: 24 (12x2)				
GW 40 256	Milk white	320x360x80	36	1/2
GW 40 276	Titanium	320x360x80	36	1/2
GW 40 266	Slate	320x360x80	36	1/2

CHARACTERISTICS: adhesive labels with a graphic symbol for circuit identification. Module masks.

Cables complete with test prods and supporting terminal block for connecting the intelligent unit. Sensors for measuring drawn current and differential current. Thermo-pressure with ball equal to 70°C.

APPLICATIONS: suitable for use in a domestic environment - or similar - with contractual power up to 6KW.

NOTES: dispersible power calculated according to IEC 60670-24. Complete insulation in compliance with Standard EN61140.

EMPTY CO-ORDINATED ENCLOSURES

GW40981TB


**CO-ORDINATED FLUSH-MOUNTING ENCLOSURES WITH AUTOMATICALLY-OPENING SMOKED TRANSPARENT
DOOR**


Code	Colour	External Dim. LxHxD (mm)	Dispersible power (W)	Characteristics	Pack. Carton.
No. MODULES DIN: 12					
GW 40 981 TB	Milk white	320x255x80	26	Halogen free	1/2
GW 40 981 VT	Titanium	320x255x80	26	Halogen free	1/2
GW 40 981 VA	Slate	320x255x80	26	Halogen free	1/2
No. MODULES DIN: 24 (12x2)					
GW 40 991 TB	Milk white	320x360x80	36	Halogen free	1/2
GW 40 991 VT	Titanium	320x360x80	36	Halogen free	1/2
GW 40 991 VA	Slate	320x360x80	36	Halogen free	1/2

CHARACTERISTICS: adhesive labels with symbol to identify the users. Module masks. Thermo-pressure with ball equal to 70°C.

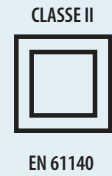
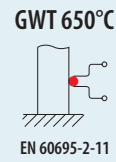
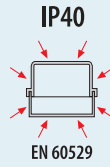
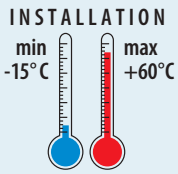
NOTES: dispersible power calculated according to IEC 60670-24.

40 CDi RANGE

FLUSH-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

40 CDi RANGE

40 CDi - PROTECTED MODULAR ENCLOSURES AND DISTRIBUTION BOARDS - IP40



SMOKED TRANSPARENT DOOR

GW40602



ENCLOSURES PRE-FITTED FOR TERMINAL BLOCK HOUSING WITH EXTRACTABLE FRAME - WHITE RAL 9016



Code	No. modules DIN	Outer dim. LxHxD (mm)	Installable term.blocks	Dispersible power(W)	Characteristics	Pack. Carton.
GW 40 601	2	83 x 160 x 74		12	Halogen free	60
GW 40 602	4	120 x 160 x 85		18	Halogen free	36
GW 40 603	6	200 x 170 x 85		19	Halogen free	21
GW 40 604	8	240 x 195 x 85	GW40401	20	Halogen free	12
GW 40 605	12	330 x 270 x 85	GW40402	36	Halogen free	8
GW 40 608	18	465 x 310 x 85	GW40404	50	Halogen free	4

CHARACTERISTICS: GW40601 is envisaged without a door, and with the DIN rail fixed directly on the base.

Thermo-pressure with ball equal to 70°C.

ACCESSORIES SUPPLIED: module masks, circuit labels.

NOTES: dispersible power calculated according to IEC 60670-24.

GW40606



DISTRIBUTION BOARDS WITH PANELS WITH WINDOW AND EXTRACTABLE FRAME PRE-FITTED FOR TERMINAL BLOCK HOUSING - WHITE RAL 9016



Code	No. modules DIN	Outer dim. LxHxD (mm)	Installable term.blocks	Dispersible power(W)	Characteristics	Pack. Carton.
GW 40 606	24 (12x2)	330 x 420 x 85	GW40402	37	Halogen free	6
GW 40 609	36 (18x2)	465 x 505 x 85	2xGW40404	52	Halogen free	3
GW 40 610	54 (18x3)	465 x 680 x 95	2xGW40404	62	Halogen free	2
GW 40 611	72 (18x4)	465 x 855 x 95	4xGW40404	95	Halogen free	1

ACCESSORIES SUPPLIED: module masks, circuit labels.

NOTES: dispersible power calculated according to IEC 60670-24.

CHARACTERISTICS: removable, sealing panels with windows. Thermo-pressure with ball equal to 70°C.

①=May 2010

②=June 2010

③=September 2010

BLANK DOOR

GW40885



ENCLOSURES PRE-FITTED FOR TERMINAL BLOCK HOUSING WITH EXTRACTABLE FRAME - WHITE RAL 9016



Code	No. modules DIN	Outer dim. LxHxD (mm)	Installable term.blocks	Dispersible power(W)	Characteristics	Pack. Carton.
GW 40 882	4	120x160x85		18	Halogen free	36
GW 40 883	6	200x170x85		19	Halogen free	21
GW 40 884	8	240x195x85	GW40401	20	Halogen free	12
GW 40 885	12	330x270x85	GW40402	36	Halogen free	8
GW 40 888	18	465x310x85	GW40404	50	Halogen free	4

ACCESSORIES SUPPLIED: module masks, circuit labels.

NOTES: dispersible power calculated according to IEC 60670-24.

CHARACTERISTICS: thermo-pressure with ball equal to 70°C.

GW40890



DISTRIBUTION BOARDS WITH PANELS WITH WINDOWS AND EXTRACTABLE FRAME READY FOR HOUSING THE TERMINAL BLOCKS- WHITE RAL 9016



Code	No. modules DIN	Outer dim. LxHxD (mm)	Installable term.blocks	Dispersible power(W)	Characteristics	Pack. Carton.
GW 40 886	24 (12x2)	330x420x85	GW40402	37	Halogen free	6
GW 40 889	36 (18x2)	465x505x85	2xGW40404	52	Halogen free	3
GW 40 890	54 (18x3)	465x680x95	2xGW40404	62	Halogen free	2
GW 40 891	72 (18x4)	465x855x95	4xGW40404	95	Halogen free	1

ACCESSORIES SUPPLIED: module masks, circuit labels.

NOTES: dispersible power calculated according to IEC 60670-24.

CHARACTERISTICS: removable, sealing panels with windows. Thermo-pressure with ball equal to 70°C.

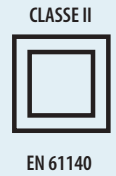
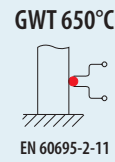
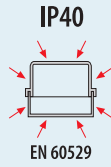
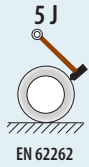
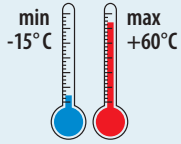
40 CDi RANGE

FLUSH-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

40 CDi RANGE

40 CDi - PROTECTED ENCLOSURES - IP40

INSTALLATION



BLANK DOOR



ENCLOSURES PRE-FITTED FOR TERMINAL BLOCK HOUSING - WHITE RAL 9016



Code	No. modules DIN	Outer dim. LxHxD (mm)	Installable term.blocks	Dispersible power(W)	Characteristics	Pack. Carton.
GW 40 655	8	236 x 195 x 89	GW40401	19	Halogen free	18
GW 40 657	12+1	326 x 217 x 89	GW40402	26	Halogen free	8
GW 40 659	24+2 (12x2)	326 x 346 x 89	2xGW40401	36	Halogen free	6
GW 40 661	36+2 (18x2)	453 x 396 x 95	2xGW40402	47	Halogen free	3

ACCESSORIES SUPPLIED: module masks, service labels, spare hinges.

GW40657, GW40659, GW40661 door fitted with lock with 2 triangle-shaped keys.

NOTES: dispersible power calculated according to IEC 60670-24.

CHARACTERISTICS: thermo-pressure with ball equal to 70°C.



ENCLOSURES FITTED WITH TERMINAL BLOCK - WHITE RAL 9016

Code	No. modules DIN	Outer dim. LxHxD (mm)	Dispersible power(W)	Pack. Carton.
GW 40 656	12+1	326 x 217 x 89	26	8
GW 40 658	24+2 (12x2)	326 x 346 x 89	36	6
GW 40 660	36+2 (18x2)	453 x 396 x 95	47	3

ACCESSORIES SUPPLIED: terminal blocks, module masks, circuit labels, spare hinges, door with lock and 2 triangular keys.

GW40656: N terminal block (mm²) (3x25)+(10x10) and T terminal block (mm²) (3x25)+(10x10);

GW40658: N terminal block (mm²) 2x[(1x25)+(7x10)] and T terminal block (mm²) 2x[(1x25)+(7x10)];

GW40660: N terminal block (mm²) 2x[(3x25)+(10x10)] and T terminal block (mm²) 2x[(3x25)+(10x10)].

NOTES: dispersible power calculated according to IEC 60670-24.

CHARACTERISTICS: thermo-pressure with ball equal to 70°C.

①=May 2010

②=June 2010

③=September 2010

48 PTC - COMBINATION WATERTIGHT ENCLOSURES AND BOARDS - IP55

INSTALLATION min -15°C max +60°C 	5 J EN 62262	IP55 EN 60529	GWT 650°C EN 60695-2-11	CLASSE II EN 61140
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MODULAR ENCLOSURES WITH SMOKED TRANSPARENT DOOR

WATERTIGHT FLUSH-MOUNTING MODULAR ENCLOSURES WITH SHOCKPROOF FRONTS - GREY RAL 7035



GW48681

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Front dim. LxH (mm)	Dispersible power(W)	Characteristics	Pack. Carton.
GW 48 681	6	138 x 169 x 70	175 x 210	15	Halogen free	1/6
GW 48 682	12	308 x 169 x 70	345 x 210	25	Halogen free	1/4

ACCESSORIES SUPPLIED: module masks, user labels, kit of self-tapping stainless steel screws Ø 4x32mm.
 Mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.
NOTES: dispersible power calculated according to IEC 60670-24.
CHARACTERISTICS: thermo-pressure with ball equal to 70°C.
 Pre-arrangement for combined coupling (both horizontal and vertical) via the feedthrough coupling device (code GW48026).
 Mortar guard element assembled by pressing on the base opening.

COMBINATION BOARD WITH SMOKED TRANSPARENT DOOR



GW48686

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Front dim. LxH (mm)	Dispersible power(W)	Characteristics	Pack. Carton.
GW 48 686	4	308 x 169 x 70	345 x 210	19	Halogen free	1/4

ACCESSORIES SUPPLIED: user labels, kit of self-tapping screws of Ø 4 x 32mm in stainless steel.
 Mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.
NOTES: dispersible power calculated according to IEC 60670-24.
 Compatible with fixed, flush-mounting sockets tilted by 10°, of the IEC 309 16A type.
CHARACTERISTICS: thermo-pressure with ball equal to 70°C.
 Pre-arrangement for combined coupling (both horizontal and vertical) via the feedthrough coupling device (code GW48026). Mortar guard element assembled by pressing on the base opening.

40 CDi - PROTECTED ENCLOSURES FOR PLASTERBOARD WALLS - IP40

INSTALLATION min -15°C max +60°C 	5 J EN 62262	IP40 EN 60529	GWT 850°C EN 60695-2-11	CLASSE II EN 61140
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BLANK DOOR AND FRAME IN METAL



GW40162

ENCLOSURES FOR PLASTERBOARD WALLS EQUIPPED WITH TERMINAL BLOCKS - WHITE RAL 9016					
Code	No. modules DIN	Terminal block N (mm ²)	Terminal block T (mm ²)	Dispersible power(W)	Pack. Carton.
GW 40 161	12+2	(1x25)+(3x16)+(14x10)	(1x25)+(3x16)+(14x10)	16	2
GW 40 162	24+4 (12x2)	(2x25)+(6x16)+(16x10)	(1x25)+(3x16)+(14x10)	19	2
GW 40 163	36+6 (12x3)	(2x25)+(6x16)+(22x10)	(1x25)+(5x16)+(22x10)	24	2
GW 40 164	48+8 (12x4)	(2x25)+(6x16)+(22x10)	(1x25)+(5x16)+(22x10)	27	2

CHARACTERISTICS: removable upper part with pre-cut holes for cable entry. Thermo-pressure with ball equal to 70°C.
ACCESSORIES SUPPLIED: terminal block, labels with self-adhesive pictograms for user identification, cable fastener ties, removable upper wall with pre-cut holes for cable entry (spare part), certification labels.
NOTES: dispersible power calculated according to IEC 60670-24.

COMPLEMENTARY ITEMS

INSTALLATION AND COUPLING



GW40674

SPARE BASES FOR DECORATIVE ENCLOSURES

Code	Suitable for EN 50022	Suitable for code	Front dim. LxHxD (mm)	Pack. Carton.
GW 40 671	4	GW40237TB/TN/VT/VA	115x142x85	12
GW 40 673	8	GW40225TB/TN/VT/VA	209x174x81	16
GW 40 674	12	GW40229TB/TN/VT/VA - GW40227TB/TN/VT/VA	293x189x81	12
GW 40 677	24	GW40233TB/TN/VT/VA - GW40231TB/TN/VT/VA	294x310x80	5
GW 40 679	36	GW40239TB/TN/VT/VA - GW40241TB/TN/VT/VA	294x461x90	5

CHARACTERISTICS: there is an identification code on the base, along with the word "ALTO" (up) to aid installation.

Mortar guard element assembled by pressing on the base opening.

ACCESSORIES SUPPLIED: mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.



GW40467VT

MODULE COVER PROFILE IN PLASTIC COLOURS CO-ORDINATED WITH 40CDI FLUSH-MOUNTING DECORATIVE ENCLOSURES

Code	Colour	No. modules DIN	Characteristics	Pack. Carton.
GW 40 467 TB	Milk white	6,5	Halogen free	50
GW 40 467 TN	Toner black	6,5	Halogen free	50
GW 40 467 VT	Titanium	6,5	Halogen free	50
GW 40 467 VA	Slate	6,5	Halogen free	50

CHARACTERISTICS: clip fixing on the windows of the front. Can be divided into 1/2 module elements, using scissors.



GW48643

KIT FOR SEALING LIDS / FRONTS OF PTC BOXES 2 SCREWS WITH HEAD WITH THROUGH HOLE

Code	Description	Screw dim. (mm)	Pack. Carton.
GW 48 643	Screws nichel-plated brass	Ø 4x32	1/100

APPLICATIONS: it prevents the system from being tampered with in rooms accessible to unauthorized personnel.



GW48645

KIT CONTAINING 4 LONG SELF-THREADING SCREWS WITH SPACERS FOR FIXING LIDS AND FRONTS

Code	Screw dim. (mm)	Spacer thickness (mm)	Pack. Carton.
GW 48 645	Ø 4x45	max 10 mm reducible	1/100

CHARACTERISTICS: the kit can also be used for the following flush-mounting ranges: CDi/CDKi (from 6 modules upwards), 48 CM and 42 RV.



GW40425

ELEMENT FOR COMBINED COUPLING OF CDKi AND CDi FLUSH-MOUNTING DECORATIVE ENCLOSURES AND DISTRIBUTION BOARDS

Code	Fixing	Characteristics	Pack. Carton.
GW 40 425	Clip	Halogen free	10

APPLICATIONS: for CDKi enclosures and boards from 12 modules upwards. Also suitable for 40 CDi decorative enclosures of 8 and 12 modules.



GW40479

ANTI-DEFORMATION BRACKET FOR WALLING BASE BOXES OF CDKi BOARDS

Code	For boards EN 50022 rail	Characteristics	Pack. Carton.
GW 40 479	18 modules	Halogen free	5

APPLICATIONS: avoid back-mounting box deformations during masonry work.



GW48026

PTC BOX COUPLING ADAPTOR

Code	Description	Characteristics	Pack. Carton.
GW 48 026	Base box coupling	Halogen free	5/25

APPLICATIONS: it permits making vertical/horizontal combined compositions, and making it easier for cables to pass through.



GW70009

GALVANIZED STEEL EXTENDING BRACKETS FOR REAR FIXING, COMPLETE WITH SELF-TAPPING SCREWS - SET OF 4 BRACKETS - 70 RT RANGE

Code	Adjustable distance	Pack. Carton.
GW 70 009	90 - 160 mm	1/10

APPLICATIONS: when creating upright columns, it allows the creation of an air gap for the passage of conduits between the PTC box and the wall.

WIRING

GW40402



TERMINAL BLOCKS WITH INSULATED NEUTRAL AND EARTH BARS FOR ENCLOSURES AND BOARDS

Code	Terminal block N (mm ²)	Terminal block T (mm ²)	For enclosures	Fixing	Pack. Carton.
GW 40 401	(1x25)+(7x10)	(1x25)+(7x10)	8 modules EN 50022	With screws	20
GW 40 402	(3x25)+(10x10)	(3x25)+(10x10)	12 modules EN 50022	With screws	20
GW 40 404	(5x25)+(14x10)	(5x25)+(14x10)	18 modules EN 50022	With screws and/or clip	20

ACCESSORIES SUPPLIED: fixing screws.

GW40451



TERMINAL BLOCK WITH SUPPORT FOR ENCLOSURES FOR PLASTERBOARD WALLS

Code	Terminal block N (mm ²)	Terminal block T (mm ²)	For enclosures	Pack. Carton.
GW 40 451	(1x25)+(3x16)+(14x10)	(1x25)+(3x16)+(14x10)	12 modules	20
GW 40 452	(1x25)+(3x16)+(8x10)	(1x25)+(3x16)+(14x10)	24 modules	20
GW 40 453	2x[(1x25)+(3x16)+(8x10)]	(1x25)+(5x16)+(22x10)	36-48 modules	20

CHARACTERISTICS: clip fixing.

GW40488



INTERNAL HORIZONTAL DIVIDERS FOR CDKI DISTRIBUTION BOARDS

Code	For boards EN 50022 rail	Fixing	Characteristics	Pack. Carton.
GW 40 487	12 modules	Clip	Halogen free	10/100
GW 40 488	18 modules	Clip	Halogen free	10/100

NOTES: they permit making internal separation between the circuits having different voltages located on more than one row inside the same shell.

GW40495



BLANK COVER PANELS 1 MODULE HIGH FOR CDKI BOARDS

Code	Suitable for	For boards EN 50022 rail	Colour	Characteristics	Pack. Carton.
GW 40 495	Flush mounting distr. boards	12 modules	White RAL 9016	Halogen free	20
GW 40 496	Flush mounting distr. boards	18 modules	White RAL 9016	Halogen free	20

CHARACTERISTICS: sealing.

GW40461



PAIR OF JOINTS FOR COMBINED COUPLING OF ENCLOSURES FOR PLASTERBOARD WALLS

Code	Fixing	For coupling	Pack. Carton.
GW 40 461	Clip	Vertical	20

GW40457



INTERNAL DIVIDERS FOR ENCLOSURES FOR PLASTERBOARD WALLS

Code	Type of divider	For enclosures	Fixing	Pack. Carton.
GW 40 456	Vertical	12 modules	Clip	50
GW 40 457	Vertical	24 modules	Clip	50
GW 40 458	Vertical	36 modules	Clip	30
GW 40 459	Vertical	48 modules	Clip	20
GW 40 460	Horizontal	12-24-36-48 modules	Clip	50

GW66745



WATERTIGHT COVERS FITTED FOR 1 PUSH-BUTTON/INDICATOR Ø 22 MM

Code	Dimensions LxH (mm)	Suitable for	Colour	Pack. Carton.
GW 66 708	85x75	1 Button Ø22 mm Range 74 PS	Grey	1/20
GW 66 745	85x75	1 Button Ø22 mm Range 74 PS	Yellow	1/20
GW 27 401	85 x 75	2 SYSTEM modules	Grey	3/60

APPLICATIONS: GW66745 specific for emergency push-buttons. Possibility of mounting on Q-DIN boards, PTC junction boxes, flanged lids and panel.

ACCESSORIES SUPPLIED: gasket and mounting screws.

SUNDRIES

GW40421



SECURITY TRIANGULAR KEY				
Code	For enclosures	Material	Characteristics	Pack. Carton.
GW 40 421	40 CDi protected Blank door	Insulation	Halogen free	10/100

GW40422



CYLINDRICAL SECURITY LOCK				
Code	For enclosures	Material		Pack. Carton.
GW 40 422	40 CDKi and 40 CDi decorative	Pressure die-cast metal		1/10

ACCESSORIES SUPPLIED: 2 keys. All the keys are supplied with a standardised code.

NOTES: all the keys and locks supplied are standard, so the key can open all the locks with the same product code.

APPLICATIONS: for 40 CDi decorative only 24M and 36M.

GW40463



SECURITY LOCK FOR ENCLOSURES FOR PLASTERBOARD WALLS				
Code	For enclosures	Material		Pack. Carton.
GW 40 463	40 CDi for plasterboard walls	Metal		1/10

ACCESSORIES SUPPLIED: 2 standardised code keys.

NOTES: all the keys and locks supplied are standard, so the key can open all the locks with the same product code.

GW48644



WATERTIGHT CYLINDRICAL SECURITY LOCK				
Code	For enclosures	Material		Pack. Carton.
GW 48 644	48 PTC and 42 RV range	Pressure die-cast metal		1/10

ACCESSORIES SUPPLIED: 2 keys. All the keys are supplied with a standardised code.

NOTES: all the keys and locks supplied are standard, so the key can open all locks with the same product code.

GW40467



PLASTIC MODULE COVER PROFILE				
Code	No. of modules EN 50022	Colour	Characteristics	Pack. Carton.
GW 40 467	4,5	White RAL 9016	Halogen Free	50
GW 40 423	4,5	Grey RAL 7035	Halogen Free	50
GW 40 468	4,5	Toner black	Halogen Free	50

CHARACTERISTICS: clip fixing.

40 CDe range

Enclosures and distribution boards for specific standards

Gewiss long experience has allowed it to produce specific enclosures and distribution boards for foreign markets:

- Enclosures complying with the Spanish, German, French and British Standards.
- Surface- and flush-mounting solutions.
- Versions with no door, or with a transparent or blank door.
- Wide performance range: from IP30 to IP65.
- Extractable frame versions.
- Wide range of accessories.



40 CDe - SPANISH STANDARD SURFACE-MOUNTING AND FLUSH-MOUNTING ENCLOSURES

WALL-MOUNTING ENCLOSURES WITHOUT DOOR - IP40

GW40340



ENCLOSURES TO HOUSE ICP POWER LIMITING CIRCUIT BREAKER IN=40A - WITHOUT DOOR - SEALABLE GREY RAL 7035

Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	R.U. 1407-D Classifications	Pack. Carton.
GW 40 340	4	120 x 195 x 76	CS-ICP32	30

ACCESSORIES SUPPLIED: service labels.

FLUSH-MOUNTING ENCLOSURES WITHOUT DOOR - IP40

GW40331



DISTRIBUTION BOARDS TO HOUSE ICP POWER LIMITING CIRCUIT BREAKER IN=40A - WITHOUT DOOR - SEALABLE WHITE RAL 9016

Code	No. EN 50022 mod. ICP sect.	N. EN 50022 mod. CB section	Outer dim. LxHxD (mm)	R.U. 1407-D Classifications	Pack. Carton.
GW 40 331	4	8	305 x 195 x 75	CCE-ICP32	10
GW 40 332	4	12	372 x 195 x 75	CCE-ICP32	10

ACCESSORIES SUPPLIED: service labels.

FLUSH-MOUNTING ENCLOSURES WITH DOOR - IP40

GW40336



DISTRIBUTION BOARDS TO HOUSE ICP POWER LIMITING CIRCUIT BREAKER IN=40A - WITH SEALABLE DOOR

Code	No. EN 50022 mod. ICP sect.	N. EN 50022 mod. CB section	Outer dim. LxHxD (mm)	R.U. 1407-D Classifications	Pack. Carton.
DOOR COLOUR: SMOKED TRANSPARENT					
GW 40 336	4	8	329 x 225 x 75	CCE-ICP32	10
GW 40 337	4	12	400 x 225 x 75	CCE-ICP32	6

ACCESSORIES SUPPLIED: service labels.

GW40338



DISTRIBUTION BOARDS TO HOUSE ICP POWER LIMITING CIRCUIT BREAKER IN=40A - WITH SEALABLE DOOR

Code	No. EN 50022 mod. ICP sect.	N. EN 50022 mod. CB section	Outer dim. LxHxD (mm)	R.U. 1407-D Classifications	Pack. Carton.
DOOR COLOUR: BLANK					
GW 40 338	4	8	329 x 225 x 75	CCE-ICP32	10
GW 40 339	4	12	400 x 225 x 75	CCE-ICP32	6

ACCESSORIES SUPPLIED: service labels.

40 CDKE - GERMAN STANDARD SURFACE-MOUNTING ENCLOSURES AND BOARDS

ENCLOSURES WITH SMOKED TRANSPARENT DOOR - IP65

GW40101



ENCLOSURES AND DISTRIBUTION BOARDS FITTED WITH TERMINAL BLOCKS

Code	No. modules DIN	Outer dim. LxHxD (mm)	Terminal block N (mm ²)	Terminal block T (mm ²)	Pack. Carton.
GW 40 101	4	143 x 210 x 100			19
GW 40 112	8	215x210x100	(1x25)+(7x10)	(1x25)+(7x10)	1/12
GW 40 116	18	410x285x140	(5x25)+(14x10)	(5x25)+(14x10)	1/6

CHARACTERISTICS: Glow wire test equal to 650°C.

GW40119



ENCLOSURES AND DISTRIBUTION BOARDS FITTED WITH TERMINAL BLOCKS

Code	No. modules DIN	Outer dim. LxHxD (mm)	Terminal block N (mm ²)	Terminal block T (mm ²)	Pack. Carton.
GW 40 117	36 (18x2)	410x463x140	(10x25)+(28x10)	(10x25)+(28x10)	1/2
GW 40 118	54 (18x3)	410x655x140	(10x25)+(28x10)	(10x25)+(28x10)	1
GW 40 119	72 (18x4)	410x878x160	(10x25)+(28x10)	(10x25)+(28x10)	1

CHARACTERISTICS: Glow wire test equal to 650°C.

GW40113



ENCLOSURES AND DISTRIBUTION BOARDS EQUIPPED WITH TERMINAL BLOCKS AND INTERCHANGEABLE FLANGES (2 FLANGES WITH KNOCKOUT HOLES) - GREY RAL 7035

Code	No. modules DIN	Outer dim. LxHxD (mm)	Terminal block N (mm ²)	Terminal block T (mm ²)	Pack. Carton.
GW 40 113	12	298 x 260 x 140	(3x25)+(10x10)	(3x25)+(10x10)	6
GW 40 114	24 (12x2)	298 x 420 x 140	(3x25)+(10x10)	(3x25)+(10x10)	3
GW 40 115	36 (12x3)	298 x 570 x 140	(6x25)+(20x10)	(6x25)+(20x10)	2

CHARACTERISTICS: the flanges with knockout holes have the following inputs: 4xM16; 4xM20; 3xM25; 1xM32; Glow wire test: 750°C

ACCESSORIES SUPPLIED: terminal block, screwcaps and module masks for double insulation, circuit labels.

To restore the double insulation, use the relative accessories (module masks, screwcaps, or brackets for surface-mounting).

GW40124



ENCLOSURES AND DISTRIBUTION BOARDS FITTED WITH TERMINAL BLOCKS AND 2 INTERCHANGEABLE FLANGES (1 FLANGE WITH KNOCKOUT HOLES + 1 FLANGE WITH QUICK-ENTRY CABLE GLANDS) - GREY RAL 7035

Code	No. modules DIN	Outer dim. LxHxD (mm)	Terminal block N (mm ²)	Terminal block T (mm ²)	Pack. Carton.
GW 40 123	12	298 x 260 x 140	(3x25)+(10x10)	(3x25)+(10x10)	6
GW 40 124	24 (12x2)	298 x 420 x 140	(3x25)+(10x10)	(3x25)+(10x10)	3
GW 40 125	36 (12x3)	298 x 570 x 140	(6x25)+(20x10)	(6x25)+(20x10)	2

CHARACTERISTICS: the flanges with knockout holes have the following inputs: 4xM16; 4xM20; 3xM25; 1xM32; Glow wire test: 750°C

ACCESSORIES SUPPLIED: terminal block, screwcaps and module masks for double insulation, circuit labels.

To restore the double insulation, use the relative accessories (module masks, screwcaps, or brackets for surface-mounting).

GW40086



ENCLOSURES AND DISTRIBUTION BOARDS FITTED WITH TERMINAL BLOCKS

Code	No. modules DIN	Outer dim. LxHxD (mm)	Terminal block N (mm ²)	Terminal block T (mm ²)	Pack. Carton.
GW 40 082	8	220x180x100	(1x25)+(7x10)	(1x25)+(7x10)	1/14
GW 40 084	12	280x225x100	(3x25)+(10x10)	(3x25)+(10x10)	1/9
GW 40 086	24 (12x2)	280x350x100	(2x25)+(14x10)	(2x25)+(14x10)	1/6
GW 40 088	36 (18x2)	400x400x130	(6x25)+(20x10)	(6x25)+(20x10)	1/2
GW 40 090	54 (18x3)	400x550x130	(6x25)+(20x10)	(6x25)+(20x10)	1/2
GW 40 092	72 (18x4)	400x850x150	(12x25)+(40x10)	(12x25)+(40x10)	1

GW40022



ENCLOSURES AND DISTRIBUTION BOARDS FITTED WITH TERMINAL BLOCKS

Code	No. modules DIN	Outer dim. LxHxD (mm)	Terminal block N (mm ²)	Terminal block T (mm ²)	Pack. Carton.
GW 40 022	2	45 x 130 x 85			84
GW 40 023	4	90 x 130 x 85			36
GW 40 024	6	140x155x85			34
GW 40 025	8	180x180x95	(1x25)+(7x10)	(1x25)+(7x10)	24
GW 40 027	12+1	250 x 215 x 95	(3x25)+(10x10)	(3x25)+(10x10)	12
GW 40 029	24+2 (12x2)	250 x 340 x 95	2x[(1x25)+(7x10)]	2x[(1x25)+(7x10)]	12
GW 40 031	36+3 (12x3)	250 x 465 x 95	2x[(3x25)+(10x10)]	2x[(3x25)+(10x10)]	9

①=May 2010

②=June 2010

③=September 2010

40 CDE RANGE

ENCLOSURES AND DISTRIBUTION BOARDS FOR SPECIFIC STANDARDS

40 CDE RANGE

COMPLEMENTARY ITEMS

GW40428		INTERCHANGEABLE FLANGE WITH QUICK-ENTRY CABLE GLANDS					
		Code	Entries per flange		Pack. Carton.		
		GW 40 428	1 for cables Ø 16-29 mm 4 for cables Ø 11-20 m 8 for cables Ø 7-12 mm 8 for cables Ø 7-14 mm		1/20		
GW40402		INSULATED NEUTRAL AND EARTH TERMINAL BLOCKS					
		Code	Terminal block N (mm²)	Terminal block T (mm²)	For enclosures	Fixing	Pack. Carton.
		GW 40 401	(1x25)+(7x10)	(1x25)+(7x10)	8 modules EN 50022	With screws	20
		GW 40 402	(3x25)+(10x10)	(3x25)+(10x10)	12 modules EN 50022	With screws	20
GW 40 404	(5x25)+(14x10)	(5x25)+(14x10)	18 modules EN 50022	With screws and/or clip	20		
ACCESSORIES SUPPLIED: fixing screws.							
GW40488		INTERNAL HORIZONTAL DIVIDERS					
		Code	For boards EN 50022 rail		Fixing	Pack. Carton.	
		GW 40 487	12 modules		Clip	10/100	
		GW 40 488	18 modules		Clip	10/100	
NOTES: they permit making internal separation between the circuits having different voltages located on more than one row inside the same shell.							
GW40492		BLANK COVER PANELS 1 MODULE HIGH					
		Code	Suitable for	For boards EN 50022 rail	Colour	Pack. Carton.	
		GW 40 492	Wall mounting distr. boards	12 modules	Grey RAL 7035	20	
		GW 40 493	Wall mounting distr. boards	18 modules	Grey RAL 7035	20	
GW40473		AESTHETIC COUPLING COVERS FOR CONDUIT AND TRUNKING ENTRY					
		Code	For encl. /boards with rail		Fixing	Pack. Carton.	
		GW 40 473	12 Modules		Clip	20	
		GW 40 474	18 Modules		Clip	20	
CHARACTERISTICS: Covers equipped with internal knockouts for trunking from 60x30mm to 200x60mm.							
GW40422		SECURITY LOCK					
		Code	Description	Type	Suitable for	Material	Pack. Carton.
		GW 40 421	Key	Triangular	(Flush-mounting) Watertight protected enclosure	Insulation	10/100
		GW 40 422	Security lock	Cylindrical	CDK enclosures and boards decorative (Surface-mounting)	Pressure die-cast metal	1/10
ACCESSORIES SUPPLIED GW40422: 2 keys. All keys are supplied with standardised code.							
GW44621		WALL FIXING BRACKET					
		Code	Material	Accessories supplied	For enclosures /dist.boards	Pack. Carton.	
		GW 44 621	Insulation	Fixing self-tapping screws	All wall types	40/480	
GW40467		4.5 MODULES COVER					
		Code	No. of modules EN 50022		Colour	Pack. Carton.	
		GW 40 467	4,5		White RAL 9016	50	
		GW 40 423	4,5		Grey RAL 7035	50	
GW44623		INSULATING SCREW CAPS					
		Code	Description		Characteristics	Pack. Carton.	
		GW 44 623	Screwcap Ø25mm		Halogen Free	10/100	
		APPLICATIONS: used to restore the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.					

①=May 2010

②=June 2010

③=September 2010

40 CDe - SURFACE-MOUNTING ENCLOSURES AND DISTRIBUTION BOARDS FOR GERMAN STANDARD

40 CDe IP30 WITH TERMINAL BLOCK

GW430225



SURFACE-MOUNTING SMALL DISTRIBUTION BOARDS - RAL 9016

Code	No. modules DIN	Outer dim. LxHxD (mm)	Pack. Carton.
GW 43 021 S	12	300x245x95	1
GW 43 022 S	24 (12x2)	300x370x95	1
GW 43 023 S	36 (12x3)	300x515x95	1
GW 43 024 S	48 (12x4)	300x640x95	1

ACCESSORIES: PEN carrier, circuit lettering strip, equipment support with DIN rails 35x7,5 mm.

40 CDe RANGE

40 CDE - GERMAN STANDARD FLUSH-MOUNTING ENCLOSURES

FOR BRICKWORK WALLS - BLANK DOOR AND METAL FRAME - IP40

GW40152



ENCLOSURES FOR BRICKWORK WALLS EQUIPPED WITH TERMINAL BLOCKS - WHITE RAL 9016

Code	No. modules DIN	Terminal block N (mm ²)	Terminal block T (mm ²)	Pack. Carton.
GW 40 151	12+2	(1x25)+(3x16)+(14x10)	(1x25)+(3x16)+(14x10)	2
GW 40 152	24+4 (12x2)	(2x25)+(6x16)+(16x10)	(1x25)+(3x16)+(14x10)	2
GW 40 153	36+6 (12x3)	(2x25)+(6x16)+(22x10)	(1x25)+(5x16)+(22x10)	2
GW 40 154	48+8 (12x4)	(2x25)+(6x16)+(22x10)	(1x25)+(5x16)+(22x10)	2

ACCESSORIES SUPPLIED: labels with self-adhesive pictograms for the identification of services, positioning brackets for masonry of base, mortar guard, certification label.

FOR PLASTERBOARD WALLS - BLANK DOOR AND METAL FRAME (GWT 850°C) - IP40

GW40162



ENCLOSURES FOR PLASTERBOARD WALLS EQUIPPED WITH TERMINAL BLOCKS - WHITE RAL 9016

Code	No. modules DIN	Terminal block N (mm ²)	Terminal block T (mm ²)	Dispersible power(W)	Pack. Carton.
GW 40 161	12+2	(1x25)+(3x16)+(14x10)	(1x25)+(3x16)+(14x10)	16	2
GW 40 162	24+4 (12x2)	(2x25)+(6x16)+(16x10)	(1x25)+(3x16)+(14x10)	19	2
GW 40 163	36+6 (12x3)	(2x25)+(6x16)+(22x10)	(1x25)+(5x16)+(22x10)	24	2
GW 40 164	48+8 (12x4)	(2x25)+(6x16)+(22x10)	(1x25)+(5x16)+(22x10)	27	2

CHARACTERISTICS: removable upper part with pre-cut holes for cable entry. Thermo-pressure with ball equal to 70°C.

ACCESSORIES SUPPLIED: terminal block, labels with self-adhesive pictograms for user identification, cable fastener ties, removable upper wall with pre-cut holes for cable entry (spare part), certification labels.

NOTES: dispersible power calculated according to IEC 60670-24.

COMPLEMENTARY ITEMS

GW43071S



BLANK DOORS FOR SURFACE-MOUNTING SMALL DISTRIBUTION BOARDS - RAL 9016

Code	No. modules DIN	Colour	Pack. Carton.
GW 43 071 S	12	White RAL 9016	1/5
GW 43 072 S	24 (12x2)	White RAL 9016	1/5
GW 43 073 S	36 (12x3)	White RAL 9016	1/5
GW 43 074 S	48 (12x4)	White RAL 9016	1/5

Steel plate plastic-coated RAL9016.

GW43082S



METAL FRAME FOR FLUSH-MOUNTING ENCLOSURES

Code	No. modules DIN	Colour	Pack. Carton.
GW 43 081 S	12	White RAL 9016	1
GW 43 082 S	24 (12x2)	White RAL 9016	1
GW 43 083 S	36 (12x3)	White RAL 9016	1
GW 43 085 S	48 (12x4)	White RAL 9016	1

Steel plate plastic-coated RAL9016.

GW43055S



BLANK DOORS FOR FLUSH-MOUNTING ENCLOSURES

Code	No. modules DIN	Colour	Pack. Carton.
GW 43 055 S	12	White RAL 9016	1
GW 43 056 S	24 (12x2)	White RAL 9016	1
GW 43 057 S	36 (12x3)	White RAL 9016	1/5
GW 43 058 S	48 (12x4)	White RAL 9016	1

Steel plate plastic-coated RAL9016.

GW43047S



EXTRACTABLE FRAME FOR FLUSH-MOUNTING ENCLOSURE

Code	No. modules DIN	Pack. Carton.
GW 43 047 S	24 (12x2)	1
GW 43 048 S	36 (12x3)	1
GW 43 049 S	48 (12x4)	1

GW43101S



PLASTIC FRONTAL FOR FLUSH-MOUNTING ENCLOSURES

Code	No. modules DIN	Pack. Carton.
GW 43 101 S	12	1
GW 43 102 S	24 (12x2)	1
GW 43 103 S	36 (12x3)	1
GW 43 104 S	48 (12x4)	1

GW43111 S



PLASTIC FRONTAL FOR WALL-MOUNTING ENCLOSURES

Code	No. modules DIN	Pack. Carton.
GW 43 111 S	12	1
GW 43 112 S	24 (12x2)	1
GW 43 113 S	36 (12x3)	1
GW 43 114 S	48 (12x4)	1

GW40451



TERMINAL BLOCK WITH SUPPORT FOR FLUSH-MOUNTING ENCLOSURES

Code	Terminal block N (mm ²)	Terminal block T (mm ²)	No. modules DIN	Pack. Carton.
GW 40 451	(1x25)+(3x16)+(14x10)	(1x25)+(3x16)+(14x10)	12	20
GW 40 452	(1x25)+(3x16)+(8x10)	(1x25)+(3x16)+(14x10)	24 (12x2)	20
GW 40 453	2x[(1x25)+(3x16)+(8x10)]	(1x25)+(5x16)+(22x10)	36 (12x3) + 48 (12x4)	20

CHARACTERISTICS: clip fixing.

GW43041 S



CLOSING SLIDE FOR FLUSH-MOUNTING ENCLOSURES

Code	Suitable for	Pack. Carton.
GW 43 041 S	Plasterboard wall enclosures	1

ACCESSORIES SUPPLIED: can be engaged and swivelled in the upper and lower connecting space.

GW40457



INTERNAL DIVIDERS FOR ENCLOSURES FOR PLASTERBOARD WALLS

Code	Installation	Suitable for	Pack. Carton.
GW 40 456	Vertical	Flush mounting enclosures Surface mounting enclosures	50
GW 40 457	Vertical	Flush mounting enclosures Surface mounting enclosures	50
GW 40 458	Vertical	Flush mounting enclosures Surface mounting enclosures	30
GW 40 459	Vertical	Flush mounting enclosures Surface mounting enclosures	20
GW 40 460	Horizontal	Flush mounting enclosures	50

ACCESSORIES SUPPLIED: it consists of a horizontal partition, 2 pieces with side mounting and mounting screws.

GW43045 S



STRAIN RELIEVE RAIL

Code	Suitable for	Pack. Carton.
GW 43 045 S	Flush mounting enclosures	10

GW43121 S



12 MODULES COVER

Code	No. modules DIN	Colour	Pack. Carton.
GW 43 121 S	12	White RAL 9002	10/100
GW 43 120 S	12	White RAL 9016	1/40

GW43042 S



SEALABLE CLOSURE

Code	Suitable for	Pack. Carton.
GW 43 042 S	Surface mounting enclosures	2/20

GW40463



SAFETY LOCK

Code	For enclosures	Pack. Carton.
GW 40 463	40 CDi for plasterboard walls	1/10

ACCESSORIES SUPPLIED: 2 standardised code keys.

NOTES: all the keys and locks supplied are standard, so the key can open all the locks with the same product code.

GW40461



PAIR OF JOINTS FOR COUPLING COMBINATIONS OF FLUSH-MOUNTING ENCLOSURES

Code	Suitable for	Fixing	Pack. Carton.
GW 40 461		Clip	20

GW43122S



CIRCUIT LETTERING STRIPS

Code	Dimensions (mm)	Pack. Carton.
GW 43 122 S	265x120	10/100

ACCESSORIES SUPPLIED: for 24 circuits, self-adhesive.

GW43044S



CIRCUIT LETTERING STRIPS

Code	Dimensions (mm)	Pack. Carton.
GW 43 044 S	350x165	10/100

ACCESSORIES SUPPLIED: Labels with self-adhesive pictograms for the identification of services.

GW43052S



ENCLOSURE DOOR LOCK CLOSING SHUTTER

Code	Description	Pack. Carton.
GW 43 052 S	Lock seat shutter	1/10

GW43040S



SCREW FOR ENCLOSURE FRONT

Code	Description	Pack. Carton.
GW 43 040 S	Screws for enclosure front	100

40 CDE - FRENCH STANDARD MODULAR SURFACE-MOUNTING ENCLOSURES

ENCLOSURES WITHOUT DOOR - IP30

GW40501



ENCLOSURES EQUIPPED WITH TERMINAL BLOCKS - WALLS WITH KNOCKOUT ELEMENTS - WHITE RAL 9016

Code	No. modules DIN	Outer dim. LxHxD (mm)	Phase term. block (NxØmm ²)	Neut.term.block (no.xØmm ²)	Earth term.block (no.xØmm ²)	Pack. Carton.
GW 40 501	13	250 x 225 x 93,5			E(3x25)+(12x4)	8
GW 40 502	26 (13x2)	250 x 350 x 93,5	L(1x35)+(5x25)	N(1x35)+(5x25)	E(4x25)+(24x4)	4
GW 40 503	39 (13x3)	250 x 475 x 93,5	L(1x35)+(5x25)	N(1x35)+(5x25)	E(7x25)+(36x4)	4
GW 40 504	52 (13x4)	250 x 600 x 93,5	L(1x35)+(5x25)	N(1x35)+(5x25)	E(8x25)+(48x4)	2

ACCESSORIES SUPPLIED: terminal blocks, module masks, user labels with self-adhesive pictograms, instruction sheet.

NOTES: earth terminal blocks with Push-Wire technology.

To reset the double insulation, use the relative accessories (module masks and screwcaps).

SUPPORT BASES FOR TARIF BLEU CONNECTING SWITCH

GW40512



SUPPORT BASES WITHOUT DOOR FOR EDF CONNECTION SWITCH - PLUMBABLE - WHITE RAL 9016

Code	Depth	Outer dim. LxHxD (mm)	Pack. Carton.
GW 40 511	40 mm	250 x 225 x 43,5	4
GW 40 512	55 mm	250 x 225 x 58,5	3

ACCESSORIES SUPPLIED: switch fixing screws, instruction sheet, screwcaps for sealing.

GW40514



SUPPORTING BASES WITHOUT DOOR - SEALABLE - WHITE RAL 9016

Code	Depth	Outer dim. LxHxD (mm)	Pack. Carton.
GW 40 513	40 mm	250 x 225 x 47	4
GW 40 514	55 mm	250 x 225 x 62	3

ACCESSORIES SUPPLIED: switch fixing screws, instruction sheet, 2 sectionable cables 25 mm² for connection of enclosure to switch.

ENCLOSURE FOR CABLE SERVICE DEVICES IP40

GW40515



ENCLOSURE FOR CABLE SERVICE DEVICES (T.R.I.) EQUIPPED WITH 2 RAILS EN 50022 AND EARTH TERMINAL BLOCK - WHITE RAL 9016

Code	Outer dim. LxHxD (mm)	No. modules DIN	Supplied terminal blocks mm ²	Pack. Carton.
GW 40 515	250 x 225 x 112	26 (13x2)	8x16	4

ACCESSORIES SUPPLIED: insulating back-mounting plate.

COMPLEMENTARY ITEMS

GW40516



KIT OF MODULAR SPACERS FOR SUBSCRIBER ENCLOSURES, BASES, CONTAINERS AND BOARDS - 50MM THICK - CLIP ASSEMBLY - WHITE RAL 9016

Code	Outer dim. LxHxD (mm)	Pack. Carton.
GW 40 516	250 x 225 x 50	8
GW 40 517	250 x 350 x 50	4
GW 40 518	250 x 475 x 50	4
GW 40 519	250 x 600 x 50	2

NOTE: code GW40516 is also suitable for the support bases and containers for services via cable (T.R.I.).

GW40546



2 PIPE FITTINGS FOR VERTICAL AND HORIZONTAL COUPLING OF ENCLOSURES, BASES AND SPACERS

Code	Fixing type	Pack. Carton.
GW 40 546	Clip	20

APPLICATIONS: for creating combined compositions and subscriber boards.

GW40527



BACK-MOUNTING PLATES IN INSULATING MATERIAL FOR SURFACE-MOUNTING ENCLOSURES AND SPACER KIT - SLIDE FIXING ON RAIL

Code	Outer dim. LxHxD (mm)	For enclosures	Pack. Carton.
GW 40 526	156 x 216 x 2	13 mod.- 1 row	8
GW 40 527	156 x 341 x 2	26 mod.- 2 rows	4
GW 40 528	156 x 466 x 2	39 mod.- 3 rows	4
GW 40 529	156 x 591 x 2	52 mod.- 4 rows	2

GW40530



INSULATING BACK-MOUNTING PLATES FOR SUPPORT BASES . FIXING TO WALL WITH SCREWS.

Code	Outer dim. LxHxD (mm)	Pack. Carton.
GW 40 530	244 x 219 x 2	8

GW40591



INSULATING TERMINAL BLOCKS IP20 FOR FRENCH STANDARD MODULAR ENCLOSURES

Code	Type	Cap colour	Connections (no.x sect.mm ²)	Type of connection	For French Std. enclosure	Pack. Carton.
GW 40 591	Earth	Green	(3x25)+(12x4)	Push-Wire	13M-39M	20
GW 40 592	Earth	Green	(4x25)+(24x4)	Push-Wire	26M-39M-52M	20
GW 40 593	Phase	Black	(1x35)+(5x25)	With screws	26M-39M-52M	20
GW 40 594	Neutral	Blue	(1x35)+(5x25)	With screws	26M-39M-52M	20

CHARACTERISTICS: phase and neutral terminal blocks with In=100A and Vn=450V.

GW40531



BLANK DOOR WITH FRAME FOR FINISHING FRENCH STANDARD MODULAR ENCLOSURES WITHOUT DOOR - WHITE RAL 9016 - IP40

Code	For enclosures	Pack. Carton.
GW 40 531	13 mod.- 1 row	8
GW 40 532	26 mod.- 2 rows	4
GW 40 533	39 mod.- 3 rows	4
GW 40 534	52 mod.- 4 rows	2

CHARACTERISTICS: pre-arranged for housing the GW40422 cylinder security locks

GW40536



TRANSPARENT SMOKED DOOR WITH FRAME FOR FINISHING FRENCH STANDARD MODULAR ENCLOSURES WITHOUT DOOR - WHITE RAL 9016 - IP40

Code	For enclosures	Pack. Carton.
GW 40 536	13 mod.- 1 row	8
GW 40 537	26 mod.- 2 rows	4
GW 40 538	39 mod.- 3 rows	4
GW 40 539	52 mod.- 4 rows	2

CHARACTERISTICS: pre-arranged for housing the GW40422 cylinder security locks

GW40542



DOOR WITH FRAME FOR FINISHING SUPPORT BASES - CLIP FIXING - WHITE RAL 9016 - IP40

Code	Outer dim. LxHxD (mm)	Door colour	Pack. Carton.
GW 40 541	250 x 225	White RAL 9016	4
GW 40 542	250 x 225	Smoked Transparent	4

CHARACTERISTICS: fitted to accommodate the cylinder security locks GW40422.

GW40553



METAL BACK-MOUNTING BOXES FOR FLUSH-MOUNTING INSTALLATIONS OF FRENCH STANDARD MODULAR ENCLOSURES AND SUBSCRIBER BOARDS - DEPTH 110 MM

Code	Internal dim. LxHxD (mm)	Suitable for	Pack. Carton.
GW 40 552	270 x 480 x 140	Enclosure up to 26 mod.-2rows Subscriber board 13 mod.	1
GW 40 553	270 x 610 x 140	Enclosure up to 39 mod.-3rows Subscriber board 26 mod.	1
GW 40 554	270 x 730 x 140	Enclosure up to 52 mod.-4rows Subscriber board 39 mod.	1
GW 40 555	270 x 860 x 140	Subscriber board 52 mod.	1

GW40558



BLANK METAL DOOR WITH FRAME FOR FINISHING FLUSH-MOUNTING BASE BOXES - WHITE RAL 9016

Code	Outer dim. LxHxD (mm)	For boxes dimensions	Pack. Carton.
GW 40 557	340 x 540 x 20	270 x 480	1
GW 40 558	340 x 670 x 20	270 x 610	1
GW 40 559	340 x 790 x 20	270 x 730	1
GW 40 560	340 x 920 x 20	270 x 860	1

ACCESSORIES SUPPLIED: base box fixing screws.

GW40422



CYLINDRICAL SECURITY LOCK

Code	For enclosures	Material	Pack. Carton.
GW 40 422	40 CD standard French	Pressure die-cast metal	1/10

ACCESSORIES SUPPLIED: 2 keys. All the keys are supplied with a standardised code.

NOTES: all the keys and locks supplied are standard, so the key can open all locks with the same product code.

GW44622



SCREWCAPS IN INSULATING MATERIAL

Code	Description	For enclosures	Characteristics	Pack. Carton.
GW 44 622	Screwcap Ø16mm	GW42201	Halogen Free	10/100

APPLICATIONS: used to restore the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.

GW40467



PLASTIC MODULE COVER PROFILE

Code	No. of modules EN 50022	Colour	Characteristics	Pack. Carton.
GW 40 467	4.5	White RAL 9016	Halogen Free	50

CHARACTERISTICS: clip fixing.

40 CDE - BRITISH STANDARD SURFACE-MOUNTING ENCLOSURES

DUAL RCCB SPLIT LOAD - IP30

GW43901



DUAL RCCB SPLIT LOAD CONSUMER UNITS - WHITE RAL 9016

Code	Total ways	Isolator	RCCB no. 1 (30mA)	RCCB no. 2 (30mA)	Pack. Carton.
GW 43 901	10 (5+5)	100 A	63 A	63 A	1/4
GW 43 902	10 (5+5)	100 A	80 A	80 A	1/4
GW 43 903	12 (6+6)	100 A	63 A	63 A	1/4
GW 43 904	12 (6+6)	100 A	80 A	80 A	1/4

ACCESSORIES SUPPLIED: no.1 Isolator, no.2 RCCB, terminal block, busbars, shield IPxxB for connecting live parts and cover pads, module mask and circuit label.

NOTES: to maintain the IP degree declared, install devices with a degree of protection of at least IP40 and use the relative accessories (module masks, screw caps or wall mounting brackets).

To RESTORE the double insulation, use the relative accessories (module masks, screw caps or wall mounting brackets). Door fitted to accommodate security cylinder lock code: GW40422. PRODUCTS IN ACCORDANCE WITH THE BS7671 - 17th edition.

CHARACTERISTICS:

NEUTRAL TERMINAL BLOCKS (N°xmm²): 2x[(2x25)+(6x16)]

EARTH TERMINAL BLOCKS (N°xmm²): (3x25)+(12x16).

DUAL RCCB SPLIT LOAD PLUS UNPROTECTED CIRCUIT - IP30

GW43911



DUAL RCCB SPLIT LOAD CONSUMER UNITS PLUS UNPROTECTED CIRCUITS - WHITE RAL 9016

Code	Total ways	Isolator	RCCB no. 1 (30mA)	RCCB no. 2 (30mA)	Pack. Carton.
GW 43 911	10 (2+4+4)	100 A	63 A	63 A	1/4
GW 43 912	12 (2+5+5)	100 A	63 A	63 A	1/4

ACCESSORIES SUPPLIED: no.1 Isolator, no.2 RCCB, terminal block, busbars, shield IPxxB for connecting live parts and cover pads, module mask and circuit label.

NOTES: to maintain the IP degree declared, install devices with a degree of protection of at least IP40 and use the relative accessories (module masks, screw caps or wall mounting brackets).

To RESTORE the double insulation, use the relative accessories (module masks, screw caps or wall mounting brackets). Door fitted to accommodate security cylinder lock code: GW40422. PRODUCTS IN ACCORDANCE WITH THE BS7671 - 17th edition.

CHARACTERISTICS:

NEUTRAL TERMINAL BLOCKS (N°xmm²): 2x[(1x25)+(6x16)]+[(2x25)+(2x16)]

EARTH TERMINAL BLOCKS (N°xmm²): (3x25)+(12x16).

3 RCCB SPLIT LOAD - IP30

GW43921



3 RCCB SPLIT LOAD CONSUMER UNITS - WHITE RAL 9016

Code	Total ways	Isolator	RCCB no. 1 (30mA)	RCCB no. 2 (30mA)	RCCB no. 3 (30mA)	Pack. Carton.
GW 43 921	10 (2+4+4)	100 A	80 A	80 A	40 A	1/4

ACCESSORIES SUPPLIED: no.1 Isolator, no.3 RCCB, terminal block, busbars, shield IPxxB for connecting live parts and cover pads, module mask and circuit label.

NOTES: to maintain the IP degree declared, install devices with a degree of protection of at least IP40 and use the relative accessories (module masks, screw caps or wall mounting brackets).

To RESTORE the double insulation, use the relative accessories (module masks, screw caps or wall mounting brackets). Door fitted to accommodate security cylinder lock code: GW40422. The products are in accordance with the BS7671 - 17th edition

CHARACTERISTICS:

NEUTRAL TERMINAL BLOCKS (N°xmm²): 2x[(1x25)+(6x16)]+[(2x25)+(2x16)]

EARTH TERMINAL BLOCKS (N°xmm²): (3x25)+(12x16).

SURFACE-MOUNTING

40 CDE RANGE



ENCLOSURES PREARRANGED FOR HOUSING TERMINAL BLOCKS AND COMBS FOR MODULAR DEVICES - WALLS WITH KNOCKOUT ELEMENTS - WHITE RAL 9016

Code	No. modules DIN	Outer dim. LxHxD (mm)	Installable term.blocks	Pack. Carton.
GW 40 841	4	150 x 225 x 105	GW40861	12
GW 40 842	6	190 x 225 x 105	GW40861	9
GW 40 843	10	260 x 225 x 105	GW40862	8
GW 40 844	14	330 x 225 x 105	GW40863	4
GW 40 845	18	425 x 225 x 105	GW40864	4

ACCESSORIES SUPPLIED: circuit label, IPXXB shield for connecting live parts and cover pads.

CHARACTERISTICS: walls knockout elements fitted for trunking sized from 25x16 mm to 40x40 mm.

Door fitted to accommodate security cylinder lock GW40422.

GW40023



ENCLOSURES PRE-FITTED FOR TERMINAL BLOCK HOUSING WITH WALLS WITH KNOCKOUT HOLES - GREY RAL 7035

Code	No. modules DIN	Outer dim. LxHxD (mm)	Dispersible power(W)	Pack. Carton.
GW 40 023	4	90 x 130 x 85	9	36
GW 40 026	8	180 x 180 x 95	18	24

ACCESSORIES SUPPLIED: module masks, service labels.

CHARACTERISTICS: dispersible power calculated according to IEC 60670-24

COMPLEMENTARY ITEMS

GW40851



SINGLE-POLE COMB FOR CONNECTING MODULAR DEVICES

Code	No. modules DIN	Rated current (A)	No. cable inlets	No. outputs	Pack. Carton.
GW 40 851	17	100	1	16	20

CHARACTERISTICS: specific for GEWISS British Standard enclosures.

GW40862



NEUTRAL AND EARTH TERMINAL BLOCKS WITH SUPPORT FOR BRITISH STANDARD ENCLOSURES - SCREW FIXING - IP00

Code	Terminal block N (mm ²)	Terminal block T (mm ²)	For enclosures	Pack. Carton.
GW 40 861	(2x25)+(4x16)	(3x25)+(4x16)	4 - 6 modules	20
GW 40 862	(2x25)+(3x16) (2x25)+(4x16)	(4x25)+(7x16)	10 modules	20
GW 40 863	2x[(2x25)+(6x16)]	(3x25)+(12x16)	14 modules	20
GW 40 864	2x[(2x25)+(8x16)]	(3x25)+(16x16)	18 modules	20

ACCESSORIES SUPPLIED: fixing screws. GW40862, GW40863, GW40864 with U-bolt in bare copper for connection of neutral terminal block.

GW40871



INSULATED COPPER CABLE FOR CONNECTING TERMINAL BLOCK N WITH THE MAIN SWITCH

Code	Nominal sections (mm ²)	Colour	Pack. Carton.
GW 40 871	25	Black	10/100

CHARACTERISTICS: cable with stripped and fitted ends.

GW40872



SET OF 3 INSULATED COPPER CABLES TO WIRE ENCLOSURES IN INSTALLATIONS WITH A DOUBLE CIRCUIT

Code	Description	Pack. Carton.
GW 40 872	Phase (red) 1x25 mm ² Neutral (black) 2x25 mm ²	1/50

CHARACTERISTICS: cable with stripped and fitted ends.

GW96045



MODULE SINGLE POLE BLANKING PIECES AND BUS BAR COVER FOR SPARES WAYS

Code	Description	Pack. Carton.
GW 96 045	Set of 5 module cap with pedicel caps	1/50

GW40422



CYLINDRICAL SAFETY LOCK

Code	For consumer units	Material	Pack. Carton.
GW 40 422	All 43 CD Consumer units range	Pressure die-cast metal	1/10

NOTES: all the keys and locks supplied are standard, so the key can open all the locks with the same product code.

GW44621



FIXING BRACKET FOR SURFACE-MOUNTING, WITH SELF-TAPPING SCREWS

Code	For consumer units	Characteristics	Pack. Carton.
GW 44 621	All 43 CD Consumer units range	Halogen Free	40/480

APPLICATIONS: used to maintain the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.

GW44623



SCREWCAPS IN INSULATING MATERIAL

Code	Description	For consumer units	Material	Pack. Carton.
GW 44 623	Screwcap Ø25mm	All 43 CD Consumer units range	Halogen Free	10/100

APPLICATIONS: used to restore the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.

SWITCHING / PROTECTION DEVICES

GW96156



SWITCH DISCONNECTORS



Code	Rated current	No. of modules EN 50022	Rated voltage	Pack. Carton.
No. OF POLES: 2P				
GW 96 156	63 A	2	415 V	3/12
GW 96 158	100 A	2	415 V	3/12

GW94617



RESIDUAL CURRENT CIRCUIT BREAKERS - TYPE AC - 2P - 2 MODULES

Code	Rated current	No. of modules EN 50022	I _{dn}	Pack. Carton.
No. OF POLES: 2P				
GW 94 617	25 A	2	30 mA	1/4
GW 94 627	40 A	2	30 mA	1/4
GW 94 790	63 A	2	30 mA	1/4
GW 94 793	80 A	2	30 mA	1/4

GW92206



MINIATURE CIRCUIT BREAKERS - B-CURVE - 1P - 6000 (EN 60898) - 10 KA (EN 60497-2)

Code	Rated current	No. of modules EN 50022	Pack. Carton.
No. OF POLES: 1P			
GW 92 205	6 A	1	6/24
GW 92 206	10 A	1	6/24
GW 92 214	13 A	1	6/24
GW 92 207	16 A	1	6/24
GW 92 208	20 A	1	6/24
GW 92 209	25 A	1	6/24
GW 92 210	32 A	1	6/24
GW 92 211	40 A	1	6/24
GW 92 212	50 A	1	6/24
GW 92 213	63 A	1	6/24

MODULAR ACCESSORIES

40 CDE RANGE

GW96041



PADLOCKING LEVER BLOCK

Code	Suitable for	No. of pieces per device	Pack. Carton.
GW 96 041	MTC/MT/MTHP/MDC	1	10/100

APPLICATIONS: to lock the control lever in "ON" and "OFF" positions. For locks of max Ø 8 mm.

GW96411



COMBINED TRANSFORMER-BELL-BUZZER

Code	Rated voltage	No. of modules EN 50022	Power loss	Pack. Carton.
GW 96 411	230 V	2	3.8 VA	4

CHARACTERISTICS: GW96411 incorporate a very low voltage safety transformer 24V~.

GW96421



BELL TRANSFORMERS WITH 3 OUTLETS (4 - 8 - 12 V)

Code	Rated power	No. of modules EN 50022	Primary voltage	Secondary voltage	Pack. Carton.
GW 96 421	5 VA	2	230 V	4+8=12 V	6
GW 96 423	10 VA	2	230 V	4+8=12 V	6
GW 96 425	15 VA	2	230 V	4+8=12 V	6

APPLICATIONS: distribution and realisation of extra-low-voltage circuits
Transformer for doorbells with discontinuous service.

GW96810



STAIR LIGHT TIMER

Code	Regulation field	No. of modules EN 50022	Contact rating - In	Pack. Carton.
GW 96 810	30 s - 20 min	1	16 A	1/8
GW 96 813	30 s - 20 min	1	16 A	1/8

NOTE: GW96812 with switch-off warning.

GW96845



DAILY AND WEEKLY DIGITAL TIME ONE-WAY SWITCH

Code	No. memories	No. of channels	Rated voltage (V)	Reserve charge	No. modules	Pack. Carton.
GW 96 846	50	1	230 AC	3 years	1	1/4
GW 96 844	50	1	230 AC	3 years	2	1/4
GW 96 845	50	2	230 AC	3 years	2	1/4

NOTES: each time memorised is a memory occupied.

GW96892



PHOTOELECTRIC CELLS (WITH OUTDOOR PROBE)

Code	Rated voltage (V)	No. of contacts	Brightness control	No. memories	No. of modules EN 50022	Pack. Carton.
GW 96 892	230 AC	1	2...500 lux		1	1/2

APPLICATIONS: these command the switching on/off of outdoor lighting devices according to the degree of outdoor lighting.
The switchover delay prevents untimely interventions.

44 CE range

Technopolymer surface-mounting watertight junction boxes

The most complete range of surface-mounting watertight junction boxes in technopolymer.

- Versions for normal junction, special uses and industrial uses.
- 3 different types of self-extinguishing materials (up to GWT 960°C), including two halogen-free materials.
- 3 protection degrees: IP44, IP55, IP56.
- 11 sizes available in 2 versions: with smooth walls or with cable glands.
- 6 types of lid: blank/transparent, deep/plain, press-on/screw (in plastic, also 1/4 turn, or in metal).




IMQ quality mark products and RINA mark versions.










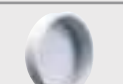


44 CE RANGE

TECHNOPOLYMER SURFACE MOUNTING WATERTIGHT JUNCTION BOXES

44 CE RANGE

		44 CE RANGE - SURFACE-MOUNTING JUNCTION BOXES						
Heat resistance		GW PLAST 75 (TP 85°C)					GW PLAST 120 (TP 120°C)	
Fire resistance		GWT 650°C - UL 94: HB ■ GWT 960°C - UL 94: VO ■					GWT 650°C - UL 94: HB ■	
Characteristics		IP 44 with cable glands	IP 55 1/4 turn with cable glands	IP 55 1/4 turn with smooth walls	IP 55 with cable glands	IP 56 with smooth walls	IP 56 smooth walls blank lid	IP 56 smooth walls transparent lid
Dimensions (mm)	Lid							
Ø 65	plain	GW 44 001						
		GW 44 051 GW 44 051 R						
Ø 80	plain	GW 44 002						
		GW 44 052						
80 x 80	plain	GW 44 003						
		GW 44 053 GW 44 053 R						
100 x 100	plain		GW 44 024 GW 44 054 GW 44 054 R	GW 44 234	GW 44 004	GW 44 204 GW 44 274	GW 44 404	
		deep				GW 44 214 GW 44 254	GW 44 414	
	plain				GW 44 005 GW 44 055	GW 44 205 GW 44 275	GW 44 405	
		deep				GW 44 215 GW 44 255	GW 44 415	
150 x 110	plain		GW 44 026 GW 44 056 GW 44 056 R	GW 44 236	GW 44 006	GW 44 206 GW 44 276	GW 44 406	GW 44 426
		deep				GW 44 216 GW 44 256	GW 44 416	GW 44 436
	plain				GW 44 007 GW 44 057	GW 44 207 GW 44 277	GW 44 407	GW 44 427
		deep				GW 44 217 GW 44 257	GW 44 417	GW 44 437
240 x 190	plain				GW 44 008 GW 44 058	GW 44 208 GW 44 278	GW 44 408	GW 44 428
		deep				GW 44 218 GW 44 258	GW 44 418	GW 44 438
	plain				GW 44 009 GW 44 059	GW 44 209 GW 44 279	GW 44 409	GW 44 429
		deep				GW 44 219 GW 44 259	GW 44 419	GW 44 439
380 x 300	plain				GW 44 010 GW 44 060	GW 44 210 GW 44 280	GW 44 410	GW 44 430
		deep				GW 44 220 GW 44 260	GW 44 420	GW 44 440
	plain				GW 44 011 GW 44 061	GW 44 211 GW 44 281	GW 44 411	GW 44 431
		deep				GW 44 221 GW 44 261	GW 44 421	GW 44 441

LEGEND: ■ GWT 650°C - UL 94: HB ■ GWT 960°C - UL 94: VO
In bold: versions with halogen-free material
In red: versions with red walls and grey lid

			ACCESSORIES APPLICATION TABLE												
			BASE DIMENSIONS OF BOX (mm)												
			Code	Ø65	Ø80	80 x 80	100 x 100	120 x 80	150 x 110	190 x 140	240 x 190	300 x 220	380 x 300	460 x 380	
ACCESSORIES FOR COUPLING AND JUNCTION SURFACE-MOUNTING BOXES	EQUIPOTENTIAL SINGLE-POLE TERMINAL BLOCKS		GW 44 704	•	•	•	•	•	•	•	•	•	•	•	
			GW 44 706	•	•	•	•	•	•	•	•	•	•	•	
			GW 44 708		•	•	•	•	•	•	•	•	•	•	
				GW 44 671	•	•	•	•	•	•	•	•	•	•	•
				GW 44 672		•	•	•	•	•	•	•	•	•	•
				GW 44 673				•		•	•	•	•	•	•
				GW 44 674				•		•	•	•	•	•	•
				GW 44 675						•	•	•	•	•	•
			GW 44 676						•	•	•	•	•	•	
	MULTIPLE TERMINAL BLOCKS		GW 44 606	•	•	•	•	•							
			GW 44 607	•	•	•	•	•							
			GW 44 608	•	•	•	•	•							
	MULTIPLE FEEDTHROUGH TERMINAL BLOCKS		GW 44 609		•	•	•	•	•	•	•	•	•		
			GW 44 610												
			GW 44 611				•		•	•	•	•	•		
			GW 44 612												
			GW 44 613							•	•	•	•	•	
	BACK-MOUNTING PLATES		Galvanised sheet metal	GW 44 615							•				
				GW 44 616								•			
				GW 44 617									•		
				GW 44 618										•	
				GW 44 619											•
			Insulating material	GW 44 625								•			
				GW 44 626									•		
				GW 44 627										•	
				GW 44 628											•
				GW 44 629											
COUPL.		GW 44 620										•	•	•	
SCREW CAPS		GW 44 622	2	2	2	4	4	4	4	4	4				
		GW 44 623											6	supplied	
BRACKET		GW 44 621								6	8	12	16	8	
CABLE GLANDS		GW 50 428													
		GW 50 429	4	4	6										
		GW 50 430				6	6	10							
		GW 50 431							10	12					
		GW 50 432									12	12	14		

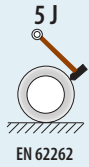
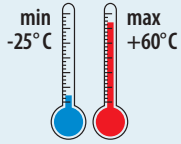
44 CE RANGE

44 CE RANGE

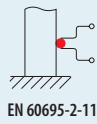
TECHNOPOLYMER SURFACE MOUNTING WATERTIGHT JUNCTION BOXES

SURFACE-MOUNTING BOXES IN GWPLAST 75 - GWT 650°C - FOR ORDINARY JUNCTIONS

INSTALLATION



GWT 650°C



TP 85°C



CLASSE II



WALLS WITH CABLE GLANDS - IP44 AND IP55

GW44001



JUNCTION BOXES WITH PLAIN PRESS-ON LID - IP44 - GREY RAL 7035

Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Pack. Carton.
GW 44 001	Ø 65x35	4 / 23	5/280
GW 44 002	Ø 80x40	4 / 23	5/135
GW 44 003	80 x 80 x 40	6 / 23	5/90

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material.

GW44024



JUNCTION BOXES WITH PLAIN QUICK FIXING LID - IP55 - GREY RAL 7035

Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Lid screws (no. and type)	Pack. Carton.
GW 44 024	100x100x50	6 / 29	4 insul. a 1/4 turn	66
GW 44 026	150x110x70	10 / 29	4 insul. a 1/4 turn	40

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

GW44007



JUNCTION BOXES WITH PLAIN SCREWED LID - IP55 - GREY RAL 7035

Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Lid screws (no. and type)	Pack. Carton.
GW 44 004	100 x 100 x 50	6 / 29	4 - Stainless steel	66
GW 44 005	120 x 80 x 50	6 / 29	4 - Stainless steel	66
GW 44 006	150 x 110 x 70	10 / 29	4 - Stainless steel	40
GW 44 007	190 x 140 x 70	10 / 37	4 insul. sealable hinged	24
GW 44 008	240 x 190 x 90	12 / 37	4 insul. sealable hinged	12
GW 44 009	300 x 220 x 120	12 / 48	4 insul. sealable hinged	6
GW 44 010	380 x 300 x 120	12 / 48	4 insul. sealable hinged	4
GW 44 011	460 x 380 x 120	14 / 48	6 insul. sealable hinged	3

ACCESSORIES SUPPLIED: GW44011, screwcaps for double insulation.

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

①=May 2010

②=June 2010

③=September 2010

SMOOTH WALLS - IP55 AND IP56

GW44234



JUNCTION BOXES WITH PLAIN QUICK FIXING LID - IP55 - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Characteristics	Pack. Carton.
GW 44 234	100x100x50	29 mm	4 insul. a 1/4 turn	Halogen Free	105
GW 44 236	150x110x70	29 mm	4 insul. a 1/4 turn	Halogen Free	50

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

GW44207



JUNCTION BOXES WITH PLAIN, SCREWED LID - IP56 - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Characteristics	Pack. Carton.
GW 44 204	100 x 100 x 50	29 mm	4 - Stainless steel	Halogen Free	105
GW 44 205	120 x 80 x 50	29 mm	4 - Stainless steel	Halogen Free	91
GW 44 206	150 x 110 x 70	29 mm	4 - Stainless steel	Halogen Free	50
GW 44 207	190 x 140 x 70	37 mm	4 insul. sealable hinged	Halogen Free	30
GW 44 208	240 x 190 x 90	37 mm	4 insul. sealable hinged	Halogen Free	14
GW 44 209	300 x 220 x 120	48 mm	4 insul. sealable hinged	Halogen Free	6
GW 44 210	380 x 300 x 120	48 mm	4 insul. sealable hinged	Halogen Free	4
GW 44 211	460 x 380 x 120	48 mm	6 insul. sealable hinged	Halogen Free	3

ACCESSORIES SUPPLIED: GW44211, screwcaps for double insulation.

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

GW44217



JUNCTION BOXES WITH DEEP, SCREWED LID - IP56 - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Characteristics	Pack. Carton.
GW 44 214	100 x 100 x 120	29 mm	4 - Stainless steel	Halogen Free	45
GW 44 215	120 x 80 x 120	29 mm	4 - Stainless steel	Halogen Free	55
GW 44 216	150 x 110 x 140	29 mm	4 - Stainless steel	Halogen Free	24
GW 44 217	190 x 140 x 140	37 mm	4 insul. sealable hinged	Halogen Free	16
GW 44 218	240 x 190 x 160	37 mm	4 insul. sealable hinged	Halogen Free	12
GW 44 219	300 x 220 x 180	48 mm	4 insul. sealable hinged	Halogen Free	7
GW 44 220	380 x 300 x 180	48 mm	4 insul. sealable hinged	Halogen Free	3
GW 44 221	460 x 380 x 180	48 mm	6 insul. sealable hinged	Halogen Free	2

ACCESSORIES SUPPLIED: GW44221, screwcaps for double insulation.

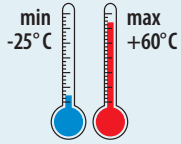
NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

44 CE RANGE

TECHNOPOLYMER SURFACE MOUNTING WATERTIGHT JUNCTION BOXES

SURFACE-MOUNTING BOXES IN GWPLAST 75 - GWT 960°C - FOR SPECIAL USES

INSTALLATION



5 J



EN 62262

GWT 960°C



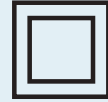
EN 60695-2-11

TP 85°C



EN 60695-10-2

CLASSE II



EN 61140

WALLS WITH CABLE GLANDS - IP44 AND IP55

44 CE RANGE

GW44051



JUNCTION BOXES WITH PLAIN PRESS-ON LID - IP44 - GREY RAL 7035

GWT 960°

Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Pack. Carton.
GW 44 051	Ø 65x35	4 / 23	5/280
GW 44 052	Ø 80x40	4 / 23	5/135
GW 44 053	80x80x40	6 / 23	5/90

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material.

GW44054



JUNCTION BOXES WITH PLAIN QUICK FIXING LID - IP55 - GREY RAL 7035

GWT 960°

Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Lid screws (no. and type)	Pack. Carton.
GW 44 054	100x100x50	6 / 29	4 insul. a 1/4 turn	66
GW 44 056	150x110x70	10 / 29	4 insul. a 1/4 turn	40

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

GW44051R



JUNCTION BOXES WITH PLAIN PRESS-ON LID - IP44 - BOX RED RAL 3000, LID AND CABLE-GLAND GREY RAL 7035

GWT 960°

Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Pack. Carton.
GW 44 051 R	Ø 65x35	4 / 23	5/280
GW 44 053 R	80x80x40	6 / 23	5/90

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material.

GW44054R



JUNCTION BOXES WITH PLAIN QUICK FIXING LID - IP55 - BOX RED RAL 3000, LID AND CABLE-GLAND GREY RAL 7035

GWT 960°

Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Lid screws (no. and type)	Pack. Carton.
GW 44 054 R	100x100x50	6 / 29	4 insul. a 1/4 turn	66
GW 44 056 R	150x110x70	10 / 29	4 insul. a 1/4 turn	40

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

①=May 2010

②=June 2010

③=September 2010

GW44057



JUNCTION BOXES WITH PLAIN SCREWED LID - IP55 - GREY RAL 7035

GWT 960°

Code	Internal dim. LxHxD (mm)	Entries No. holes / Ø	Lid screws (no. and type)	Pack. Carton.
GW 44 055	120 x 80 x 50	6 / 29	4 - Stainless steel	66
GW 44 057	190 x 140 x 70	10 / 37	4 insul. sealable hinged	24
GW 44 058	240 x 190 x 90	12 / 37	4 insul. sealable hinged	12
GW 44 059	300 x 220 x 120	12 / 48	4 insul. sealable hinged	6
GW 44 060	380 x 300 x 120	12 / 48	4 insul. sealable hinged	4
GW 44 061	460 x 380 x 120	14 / 58	4 insul. sealable hinged	3

ACCESSORIES SUPPLIED: GW44061, screwcaps for double insulation.

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

SMOOTH WALLS - IP56

GW44277



JUNCTION BOXES WITH PLAIN SCREWED LID - IP56 - GREY RAL 7035

GWT 960°

Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Pack. Carton.
GW 44 274	100x100x50	29 mm	4 - Stainless steel	105
GW 44 275	120x80x50	29 mm	4 - Stainless steel	91
GW 44 276	150x110x70	29 mm	4 - Stainless steel	50
GW 44 277	190x140x70	37 mm	4 insul. sealable hinged	30
GW 44 278	240x190x90	37 mm	4 insul. sealable hinged	14
GW 44 279	300x220x120	48 mm	4 insul. sealable hinged	6
GW 44 280	380x300x120	48 mm	4 insul. sealable hinged	4
GW 44 281	460x380x120	48 mm	6 insul. sealable hinged	3

ACCESSORIES SUPPLIED: GW44281, screwcaps for double insulation.

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

GW44260



JUNCTION BOXES WITH DEEP SCREWED LID - IP56 - GREY RAL 7035

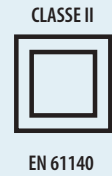
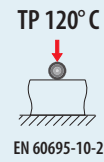
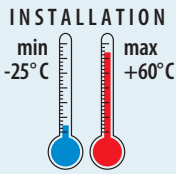
GWT 960°

Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Pack. Carton.
GW 44 254	100x100x120	29 mm	4 - Stainless steel	45
GW 44 255	120x80x120	29 mm	4 - Stainless steel	55
GW 44 256	150x110x140	29 mm	4 - Stainless steel	24
GW 44 257	190x140x140	37 mm	4 insul. sealable hinged	16
GW 44 258	240x190x160	37 mm	4 insul. sealable hinged	12
GW 44 259	300x220x180	48 mm	4 insul. sealable hinged	7
GW 44 260	380x300x180	48 mm	4 insul. sealable hinged	3
GW 44 261	460x380x180	48 mm	6 insul. sealable hinged	2

ACCESSORIES SUPPLIED: GW44261, screwcaps for double insulation.

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

SURFACE-MOUNTING BOXES IN GWPLAST 120 - GWT 650°C - FOR INDUSTRIAL USES



BLANK LID - IP56

GW44407



BOXES WITH SMOOTH WALLS FOR JUNCTIONS AND FOR ELECTRIC AND ELECTRONIC EQUIPMENT - PLAIN SCREWED LID - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Characteristics	Pack. Carton.
GW 44 404	100 x 100 x 50	29 mm	4 - Stainless steel	Halogen Free	108
GW 44 405	120 x 80 x 50	29 mm	4 - Stainless steel	Halogen Free	108
GW 44 406	150 x 110 x 70	29 mm	4 - Stainless steel	Halogen Free	50
GW 44 407	190 x 140 x 70	37 mm	4 insul. sealable hinged	Halogen Free	32
GW 44 408	240 x 190 x 90	37 mm	4 insul. sealable hinged	Halogen Free	14
GW 44 409	300 x 220 x 120	48 mm	4 insul. sealable hinged	Halogen Free	6
GW 44 410	380 x 300 x 120	48 mm	4 insul. sealable hinged	Halogen Free	4
GW 44 411	460 x 380 x 120	48 mm	6 insul. sealable hinged	Halogen Free	3

ACCESSORIES SUPPLIED: GW44411, screwcaps for double insulation.

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

GW44417



BOXES WITH SMOOTH WALLS FOR JUNCTIONS AND FOR ELECTRIC AND ELECTRONIC EQUIPMENT - DEEP SCREWED LID - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Characteristics	Pack. Carton.
GW 44 414	100 x 100 x 120	29 mm	4 - Stainless steel	Halogen Free	45
GW 44 415	120 x 80 x 120	29 mm	4 - Stainless steel	Halogen Free	55
GW 44 416	150 x 110 x 140	29 mm	4 - Stainless steel	Halogen Free	24
GW 44 417	190 x 140 x 140	37 mm	4 insul. sealable hinged	Halogen Free	16
GW 44 418	240 x 190 x 160	37 mm	4 insul. sealable hinged	Halogen Free	12
GW 44 419	300 x 220 x 180	48 mm	4 insul. sealable hinged	Halogen Free	7
GW 44 420	380 x 300 x 180	48 mm	4 insul. sealable hinged	Halogen Free	3
GW 44 421	460 x 380 x 180	48 mm	6 insul. sealable hinged	Halogen Free	2

ACCESSORIES SUPPLIED: GW44421, screwcaps for double insulation.

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

TRANSPARENT LID - IP56

GW44427



BOXES WITH SMOOTH WALLS FOR JUNCTIONS AND FOR ELECTRIC AND ELECTRONIC EQUIPMENT - PLAIN SCREWED LID - GREY RAL 7035

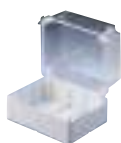


Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Characteristics	Pack. Carton.
GW 44 426	150 x 110 x 70	29 mm	4 - Stainless steel	Halogen Free	50
GW 44 427	190 x 140 x 70	37 mm	4 insul. sealable hinged	Halogen Free	32
GW 44 428	240 x 190 x 90	37 mm	4 insul. sealable hinged	Halogen Free	14
GW 44 429	300 x 220 x 120	48 mm	4 insul. sealable hinged	Halogen Free	6
GW 44 430	380 x 300 x 120	48 mm	4 insul. sealable hinged	Halogen Free	4
GW 44 431	460 x 380 x 120	48 mm	6 insul. sealable hinged	Halogen Free	3

ACCESSORIES SUPPLIED: GW44431 screwcaps for double insulation.

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

GW44437



BOXES WITH SMOOTH WALLS FOR JUNCTIONS AND FOR ELECTRIC AND ELECTRONIC EQUIPMENT - DEEP SCREWED LID - GREY RAL 7035



Code	Internal dim. LxHxD (mm)	Max Ø holes possible	Lid screws (no. and type)	Characteristics	Pack. Carton.
GW 44 436	150 x 110 x 140	29 mm	4 - Stainless steel	Halogen Free	24
GW 44 437	190 x 140 x 140	37 mm	4 insul. sealable hinged	Halogen Free	16
GW 44 438	240 x 190 x 160	37 mm	4 insul. sealable hinged	Halogen Free	12
GW 44 439	300 x 220 x 180	48 mm	4 insul. sealable hinged	Halogen Free	7
GW 44 440	380 x 300 x 180	48 mm	4 insul. sealable hinged	Halogen Free	3
GW 44 441	460 x 380 x 180	48 mm	6 insul. sealable hinged	Halogen Free	2

ACCESSORIES SUPPLIED: GW44441 screwcaps for double insulation.

NOTES: to restore the double insulation and the original IP degree of protection of the boxes, use the screwcaps in insulating material, or the brackets for wall mounting.

COMPLEMENTARY ITEMS

BACK-MOUNTING PLATES



GW44615

BACK-MOUNTING PLATE IN GALVANISED STEEL WITH SELF-TAPPING FIXING SCREWS

Code	For boxes LxH dim. (mm)	Pack. Carton.
GW 44 615	190 x 140	20
GW 44 616	240 x 190	20
GW 44 617	300 x 220	20
GW 44 618	380 x 300	5
GW 44 619	460 x 380	5



GW44625

BACK-MOUNTING PLATE IN INSULATED MATERIAL WITH SELF-TAPPING FIXING SCREWS

Code	For boxes LxH dim. (mm)	Pack. Carton.
GW 44 625	190 x 140	20
GW 44 626	240 x 190	20
GW 44 627	300 x 220	20
GW 44 628	380 x 300	4
GW 44 629	460 x 380	5

INSTALLATION AND COUPLING ELEMENTS



GW44622

INSULATING SCREW CAPS

Code	Description	Characteristics	Pack. Carton.
GW 44 622	Screwcap Ø16mm	Halogen Free	10/100
GW 44 623	Screwcap Ø25mm	Halogen Free	10/100

APPLICATIONS: used to restore the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.



GW44621

WALL FIXING BRACKET, COMPLETE WITH SELF-TAPPING SCREWS

Code	For boxes LxH dim. (mm)	Characteristics	Pack. Carton.
GW 44 621	300x220 380x300 460x380 190x140 240x190	Halogen Free	40/480

APPLICATIONS: used to restore the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.



GW44620

WATERTIGHT COUPLER - IP56

Code	For boxes LxH dim. (mm)	For holes Ø (mm)	Ø ring nut (mm)	Internal Ø (mm)	Length (mm)	Pack. Carton.
GW 44 620	300x220 380x300 460x380	48	58.5	39	37.5	10/160



GW50428

FLEXIBLE POLYMER CABLE GLAND GREY RAL 7035 - IP55 50 AC RANGE

Code	For ext. conduits max (mm)	Mounting hole Ø (mm)	Pack. Carton.
GW 50 428	16	19	100/1000
GW 50 429	20	23	100/1000
GW 50 430	25	29	100/1000
GW 50 431	32	37	50/500
GW 50 432	40	48	35/350



GW52401

MULTI-DIAMETER DRILL MILLING CUTTER IN HSS STEEL TO DRILL BOXES, BOARDS AND TRUNKING IN INSULATING MATERIAL

Code	Description	Ø of perforation	Pack. Carton.
GW 52 401	Drill milling cutter	From 3,5 to 40	1/4

GW Connect range

Metal surface-mounting watertight junction boxes

The GW Connect range of die-cast aluminium boxes is the ideal solution for the distribution of energy in all environments: from industrial and robotic automation to on-machine applications, to coupling and junction applications in special environments.

The offer provides:

- Painted versions.
- Unpainted versions.
- ATEX versions.

The galvanised steel back-mounting plates complete the range.



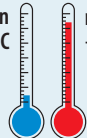
GW CONNECT RANGE

METAL SURFACE-MOUNTING WATERTIGHT JUNCTION BOXES

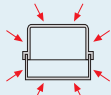
WALL-MOUNTING BOXES IN DIE-CAST ALUMINIUM

INSTALLATION

min -25°C max +60°C



IP66



EN 60529

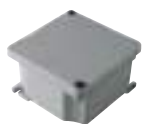
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EN 62262

GW CONNECT RANGE

PAINTED BOXES



METALLISED GREY BOXES

Code	Internal dim. LxHxD (mm)	IP degree	Pack. Carton.
GW 76 261	91x91x54	IP66	1/40
GW 76 262	128x103x57	IP66	1/32
GW 76 263	155x130x58	IP66	1/24
GW 76 264	178x156x75	IP66	1/16
GW 76 265	239x202x85	IP66	1/8
GW 76 266	294x244x114	IP66	1/4
GW 76 267	392x298x144	IP55	1

UNPAINTED BOXES

GW76281



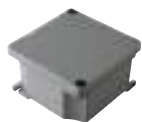
BOXES

Code	Internal dim. LxHxD (mm)	IP degree	Pack. Carton.
GW 76 281	91x91x54	IP66	1/40
GW 76 282	128x103x57	IP66	1/32
GW 76 283	155x130x58	IP66	1/24
GW 76 284	178x156x75	IP66	1/16
GW 76 285	239x202x85	IP66	1/8
GW 76 286	294x244x114	IP66	1/4
GW 76 287	392x298x144	IP55	1

CHARACTERISTICS: the protection class of GW76287 is IP55.

76 ATEX - PAINTED BOXES - ZONE 2 (G) ZONE 22 (D)

GW76291



ATEX SURFACE-MOUNTING JUNCTION BOXES - GREY RAL 7037

Code	Internal dim. LxHxD (mm)	IP degree	Pack. Carton.
GW 76 291	91x91x54	IP66	1/40
GW 76 292	128x103x57	IP66	1/32
GW 76 293	155x130x58	IP66	1/24
GW 76 294	178x156x75	IP66	1/16
GW 76 295	239x202x85	IP66	1/8
GW 76 296	294x244x114	IP66	1/4

ACCESSORIES SUPPLIED: kit for external earthing.

ATEX VERSIONS CLASSIFICATION: Ex nA tD A22 IP66 -20°C < Ta < +85°C U.

COMPLEMENTARY ITEMS



BACK-MOUNTING PLATES

Code	For boxes LxH (mm)	Pack. Carton.
GW 76 272	128x103	1/10
GW 76 273	155x130	1/10
GW 76 274	178x156	1/10
GW 76 275	239x202	1/5
GW 76 276	294x244	1/5
GW 76 277	392x298	1/5

①=May 2010

②=June 2010

③=September 2010

48 range

Flush-mounting junction and modular range boxes

The most complete system of flush-mounting modular boxes for junction and connection. Ideal for domotics and applications in the domestic and commercial sectors, the system is made up of four families:

- 48 PT DIN range - boxes for domotics and junction with protective shield - IP40.
- 48 CM range - high-capacity junction and connection boxes with protective shield - IP40.
- 48 PT range - junction and connection boxes with mortar guard element - IP40.
- 48 PTC range - modular boxes for junction, command and distribution with mortar guard element - IP40/IP55.

The range is completed with the BIG BOX robust, high-capacity boxes for domestic ranges, specifically for domotics too.

Halogen-free material versions.



IMQ quality mark products.



48 RANGE

FLUSH-MOUNTING JUNCTION AND MODULAR RANGE BOXES

48 RANGE

48 PT DIN and 48 CM: Protective technopolymer shield supplied			ACCESSORIES APPLICATION TABLE				
48 PT and 48 PTC: Cardboard mortar guard element supplied					SPARE LIDS		
RANGE	CODE	Dimensions (mm)	No. of dividers	Coupling element	Plain	Deep	
							
48 PT DIN	GW 48 106		196x152x75	1 x GW 48 012	2 x GW 48 051	IP 40 GW 48 017	IP 40 GW 48 086
	GW 48 107		294x152x75	2 x GW 48 012	2 x GW 48 051	IP 40 GW 48 018	IP 40 GW 48 087
	GW 48 108		392x152x75	3 x GW 48 012	2 x GW 48 051	IP 40 GW 48 019	IP 40 GW 48 088
	GW 48 109		480x160x75	2 x GW 48 012	2 x GW 48 051	IP 40 GW 48 020	-
	GW 48 110		516x202x90	2 x GW 48 012	2 x GW 48 051	IP 40 GW 48 021	-
	GW 48 111		516x294x90	5 supplied	2 x GW 48 051	IP 40 GW 48 022	-
48 CM	GW 48 207		260x260x121	2 supplied	2 supplied	IP 44 GW 48 247	IP 44 GW 48 267
	GW 48 211		520x260x121	5 supplied	2 supplied	IP 44 GW 48 251	IP 44 GW 48 271
	GW 48 227		260x260x121	2 supplied	2 supplied	IP 44 GW 48 247	IP 44 GW 48 267
	GW 48 231		520x260x121	5 supplied	2 supplied	IP 44 GW 48 251	IP 44 GW 48 271
48 PT	GW 48 001		92x92x45	-	-	IP 40 GW 48 013	-
	GW 48 002		118x96x50	-	-	IP 40 GW 48 014	-
	GW 48 003		118x96x70	-	2 x GW 48 051	IP 40 GW 48 014	-
	GW 48 004		152x98x70	-	2 x GW 48 051	IP 40 GW 48 015	IP 40 GW 48 084
	GW 48 005		160x130x70	-	2 x GW 48 051	IP 40 GW 48 016	IP 40 GW 48 085
	GW 48 006		196x152x70	1 x GW 48 012	2 x GW 48 051	IP 40 GW 48 017	IP 40 GW 48 086
	GW 48 007		294x152x70	2 x GW 48 012	2 x GW 48 051	IP 40 GW 48 018	IP 40 GW 48 087
	GW 48 008		392x152x70	3 x GW 48 012	2 x GW 48 051	IP 40 GW 48 019	IP 40 GW 48 088
	GW 48 009		480x160x70	2 x GW 48 012	2 x GW 48 051	IP 40 GW 48 020	-
	GW 48 010		516x202x80	2 x GW 48 012	2 x GW 48 051	IP 40 GW 48 021	-
	GW 48 011		516x294x80	5 supplied	2 x GW 48 051	IP 40 GW 48 022	-
48 PTC IP 40	GW 48 661		138x169x70	-	In-line coupling connector GW 48 026 	GW 48 611	-
	GW 48 662		308x169x70	1 x GW 48 024		GW 48 612	-
	GW 48 663		398x169x70	2 x GW 48 024		GW 48 613	-
48 PTC IP 55	GW 48 671 GW 48 691		138x169x70	-		GW 48 621 GW 48 651	-
	GW 48 672		308x169x70	1 x GW 48 024		GW 48 622	-
	GW 48 673		398x169x70	2 x GW 48 024		GW 48 623	-

COMPATIBILITY BETWEEN GEWISS DOMOTIC DEVICES AND 48 PT DIN RANGE BOXES

The PT DIN boxes for domotics establish a new market standard in the world of domotic Home & Building Automation systems, as they allow you to distribute the domotic devices in the key points of the building; this widens the advantages of domotics, producing innovative solutions while optimising resources and reducing wiring.

The following table shows all the possible combinations - in terms of dimensions and dispersible power - of individual Gewiss domotic devices and individual PT DIN compartment.

To identify the best technical solution that takes into account dimensions and the dissipated power of the domotic modules and, consequently, to identify the best PT DIN for the chosen application devices, the GW BUS software has been developed, to simplify the professional's work, quickly guiding him to design a domotic system with Gewiss material; at the end of the study, the relative certification is also issued.

GEWISS DOMOTIC DEVICES		48 PT DIN BOXES						
		Code	GW 48 106	GW 48 107	GW 48 108	GW 48 109	GW 48 110	GW 48 111
		Compartments	2	3	4	3	3	6
		No. of EN 50022 modules per compartment	4, 5	5	5	8	9	4
No. mod. EN 50022	MAX Pde (W)*	11	13	17	25	29	30	
KNX DEVICES FROM DIN RAIL	KNX line/field couplers	2	•	•	•	•	•	
	KNX power supplies	4	•	•	•	•	•	
	KNX motor control actuators	4	•	•	•	•	•	
		8					•	
	KNX dimmer	2, 5					•	
		4	•	•	•	•	•	
		6					•	
	KNX general actuators	4	•	•	•	•	•	
		8				•	•	
	KNX BUS links	1	•	•	•	•	•	
	DALI/KNX, DMX/KNX Gateway	6				•	•	
	KNX input modules	2,5 and 4	•	•	•	•	•	
	KNX analogue input modules	4	•	•	•	•	•	
	KNX BUS interfaces	2	•	•	•	•	•	
KNX GSM remote controls	6					•		
KNX logic units	1					•		
DOMOTIC DEVICES FOR DOMESTIC RANGES	Power supplies	1, 5	•	•	•	•	•	
	GSM remote control	6				•	•	
	GSM remote controls + Interfaces	7 and 9					•	
	KNX domestic range actuators	3	•	•	•	•	•	
	Relay	1,5 and 3	•	•	•	•	•	
VIDEO ENTRYPHONE	Power supplies	4	•	•	•	•	•	
	Auxiliary actuator	4					•	
	Video selector	4					•	
	Ethernet switch	4					•	

(*) Dispersible power calculated according to IEC 60670-24.

GW BUS SOFTWARE FOR DOMOTIC PROJECTS

- Identification of the most suitable PT DIN
- Dispersible power check
- Issuing of relative certification



For further information, go to www.gewiss.com or contact GEWISS Customer Service **035 94 61 11**

48 PT DIN - BOXES FOR DOMOTICS AND JUNCTIONS WITH PROTECTIVE SHIELD - IP40

INSTALLATION min -15°C max +60°C	2 J EN 62262	IP40 EN 60529	GWT 650°C EN 60695-2-11	TP 70°C EN 60695-10-2
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FOR BRICK WALLS



JUNCTION BOXES FOR SIDE-BY-SIDE ASSEMBLY, EQUIPPED WITH DIN RAIL FOR COUPLING WITH DOMOTIC DEVICES - WHITE LID RAL 9016

Code	Outer dim. LxHxD (mm)	Compartment pre-arr.	No. EN 50022 modules per co	Domotic equip. coupling	Dispersible max power (W)	Characteristics	Pack. Carton.
GW 48 106	196x152x75	2	4,5	DIN rail	11	Halogen free	1/30
GW 48 107	294x152x75	3	5	DIN rail	13	Halogen free	1/21
GW 48 108	392x152x75	4	5	DIN rail	17	Halogen free	1/14
GW 48 109	480x160x75	3	8	DIN rail	25	Halogen free	1/12
GW 48 110	516x202x90	3	9	DIN rail	29	Halogen free	1/7
GW 48 111	516x294x90	6	4	DIN rail	30	Halogen free	1/5

CHARACTERISTICS: applying the protective shield beneath the lid, the dispersible power of the box is reduced by: 2W for GW48106, GW48107, GW48108, GW48110 and GW48111 boxes; 3W for GW48109 boxes.

Surface embossing on the lids to facilitate painting; external knurling of the base to improve mortar adherence.

Pre-arrangement for combined coupling (both horizontal and vertical) via the joining element (code GW48051).

Lid protected with heat-shrinking film that also contains the bag of fixing screws.

ACCESSORIES SUPPLIED: mortar-proof paint protection shield in technopolymer with additional electro-acoustic insulation function, with central handles making it easier to pull it out.

Box GW48111 supplied with 5 internal dividers. Screws supplied: cross head, of the PH1 type; dimensions ø 3x25.

APPLICATIONS: for KNX devices from DIN rail mounting, Domotics devices for domestic ranges and devices for video entryphone.

NOTES: dispersible power calculated according to IEC 60670-24. On our site www.gewiss.com are available user guides with more information (for example Compatibility between Gewiss domotic devices and these boxes).

TECHNICAL COMPONENTS FOR BOXES FOR BRICK WALLS



INTERNAL DIVIDER FOR PT DIN AND PT BOXES

Code	For boxes	Characteristics	Pack. Carton.
GW 48 012	PT from GW48006 to GW48010 and PT DIN from GW48106 to GW48110	Halogen free	50/300



JOINING ELEMENT FOR PT DIN AND PT BOXES

Code	For boxes	Characteristics	Pack. Carton.
GW 48 051	PT from GW48003 to GW48011 and PT DIN from GW48106 to GW48111	Halogen free	10

NOTES: the use of the joining element allows you to create horizontal and/or vertical sets of boxes.



HIGH RESISTANCE SHOCKPROOF PLAIN LIDS FOR PT DIN AND PT BOXES - WHITE RAL 9016 - IP40

Code	Suitable for box	Shock resistance	Characteristics	Pack. Carton.
GW 48 017	GW48106 and GW48006	IK10	Halogen free	10/100
GW 48 018	GW48107 and GW48007	IK10	Halogen free	10/80
GW 48 019	GW48108 and GW48008	IK10	Halogen free	10/40
GW 48 020	GW48109 and GW48009	IK10	Halogen free	10/40
GW 48 021	GW48110 and GW48010	IK10	Halogen free	10/30
GW 48 022	GW48111 and GW48011	IK10	Halogen free	10/20

CHARACTERISTICS: satin finished surface of the lids to facilitate painting.



DEEP LIDS FOR PT DIN AND PT BOXES - WHITE RAL 9016 - IP40

Code	Suitable for box	Characteristics	Pack. Carton.
GW 48 086	GW48106 and GW48006	Halogen free	1/10
GW 48 087	GW48107 and GW48007	Halogen free	1/5
GW 48 088	GW48108 and GW48008	Halogen free	1/5

CHARACTERISTICS: the deep lids are ideal for passing from an exposed system to a chased one.

They have a removable front plate and a frame for connecting with trunking.

Max lid H = 49mm for boxes up to 196x152; max. lid H = 66mm for boxes up to 392x152 and conduits with max. Ø = 32mm.



LONG SELF-TAPPING SCREWS FOR SECURING COVER

Code	Dimensions (mm)	Suitable for box	Stamp	Pack. Carton.
GW 48 023	Ø3x38	Junction boxes 48PT DIN and PT range	PH1	300/4200

①=May 2010

②=June 2010

③=September 2010

44 ME - UNIPOLAR EQUIPOTENTIAL TERMINAL BLOCKS

GWT 850°C



EN 60695-2-11

TP 125°C



EN 60695-10-2

TERMINAL BLOCKS FOR SIDE-BY-SIDE ASSEMBLY

GW44706



TERMINAL BLOCKS WITH INDIRECT PLATE TIGHTENING - 450V - T 85°C - TRANSPARENT

Code	Connection capacity	Pack. Carton.
GW 44 704	4 ways x 6 mm ²	10/100
GW 44 706	6 ways x 6 mm ²	10/100
GW 44 708	8 ways x 6 mm ²	10/100

APPLICATIONS: embedded fixing on the GW44720 support, for coupling with the DIN rail.

NOTES: for the connection capacity, refer to the technical catalogue

ACCESSORIES FOR TERMINAL BLOCKS FOR SIDE-BY-SIDE ASSEMBLY

GW44720



SUPPORT FOR FIXING SIDE-BY-SIDE TERMINAL BLOCKS ON DIN RAIL

Code	For equipot. term.block	Terminal block fixing	Fixing on DIN rail	Pack. Carton.
GW 44 720	GW44704, GW44706, GW44708	Snap fit	Lock-joint	1/50

NOTES: ideal for applications on boxes of the 48 PT DIN range. Modular size: 4,5M.

CHARACTERISTICS: supports a combination of terminal blocks with maximum 12-way capacity (possible combinations: 3xGW44704; 2xGW44706; 1xGW44704 + 1xGW44706; 1xGW44704 + 1xGW44708).

MODULAR TERMINAL BLOCKS

GW44671



TERMINAL BLOCKS WITH INDIRECT SCREW TIGHTENING - 450V - T 85°C - TRANSPARENT

Code	Connection capacity	Pack. Carton.
GW 44 671	3 ways x 6 mm ²	10/100
GW 44 672	5 ways x 6 mm ²	10/100
GW 44 673	4 ways x 16 mm ²	10/50
GW 44 674	2 ways x 16mm ² + 3 ways x 6 mm ²	10/50
GW 44 675	9 ways x 6 mm ² + 2 ways x 16 mm ²	5/25
GW 44 676	2 ways x 35 mm ² + 4 ways x 16 mm ²	1/10

APPLICATIONS: especially suitable for creating equipotential nodes.

ACCESSORIES SUPPLIED: self-adhesive label for identifying the electrical lines.

NOTES: GW44676 equipped with feedthrough terminals. These allow the creation of cut-outs from the main cables which, unsheathed in the part concerned, are not interrupted.

ACCESSORIES FOR MODULAR TERMINAL BLOCKS

GW44681



SUPPORT FOR FIXING MODULAR TERMINAL BLOCKS ON DIN RAIL

Code	For equipot. term.block	Terminal block fixing	Pack. Carton.
GW 44 681	From GW44671 to GW44676	Snap fit	100

GW44682



ADAPTER FOR FIXING MODULAR TERMINAL BLOCKS

Code	For equipot. term.block	Terminal block fixing	Pack. Carton.
GW 44 682	From GW44671 to GW44676	Lock-joint	200

APPLICATIONS: for fixing the equipotential terminal blocks on the plates or directly on the base inside the junction boxes and watertight boxes.

ACCESSORIES SUPPLIED: screws for fixing the adapter.

48 CM - LARGE CAPACITY CONNECTION AND JUNCTION BOXES - IP40

INSTALLATION min -25°C max +60°C 	2 J EN 62262	IP40 EN 60529	GWT 650°C EN 60695-2-11	TP 70°C EN 60695-10-2
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PLAIN LID



JUNCTION AND CONNECTION BOXES FOR UPRIGHTS SEALABLE PLAIN LID - WHITE RAL 9016



Code	Outer dim. LxHxD (mm)	Compartment pre-arr.	Characteristics	Pack. Carton.
GW 48 207	260 x 260 x 121	2	Halogen free	8
GW 48 211	520 x 260 x 121	5	Halogen free	6

ACCESSORIES SUPPLIED: separators, joint elements for combined assembly, self-adhesive symbol discs to identify the circuits, and sealable screws. Mortar-proof paint protection shield in technopolymer with additional electro-acoustic insulation function, with central handles making it easier to pull it out.

DEEP LID



JUNCTION AND CONNECTION BOXES FOR UPRIGHTS SEALABLE DEEP LID - WHITE RAL 7035



Code	Outer dim. LxHxD (mm)	Compartment pre-arr.	Characteristics	Pack. Carton.
GW 48 227	260 x 260 x 121	2	Halogen free	4
GW 48 231	520 x 260 x 121	5	Halogen free	4

CHARACTERISTICS: the lid has a removable front plate and a frame for the connection with the trunking (max height = 66mm) and conduits (max Ø = 40mm). The frame is fitted for fixing the DIN rails (not supplied).

Prearrangement EN 50022: GW48227 horizontal - 24 modules (2x12); vertical - 24 modules (2x12); GW48231: horizontal - 78 modules (26x3); vertical - 36 modules (12x3).

ACCESSORIES SUPPLIED: separators, joint elements for combined assembly, self-adhesive labels for circuit identification, and sealing screws. Mortar-proof paint protection shield in technopolymer with additional electro-acoustic insulation function, with central handles making it easier to pull it out.

COMPLEMENTARY ITEMS



SHOCKPROOF SEALABLE PLAIN LIDS FOR BOXES FOR UPRIGHTS - WHITE RAL 9016 - IP44

Code	Front dim. LxH (mm)	Shock resistance	Characteristics	Pack. Carton.
GW 48 247	260 x 260	IK10	Halogen free	1/15
GW 48 251	520 x 260	IK10	Halogen free	1/10

ACCESSORIES SUPPLIED: self-adhesive symbol labels for the identification of circuits and sealing screws.



SHOCKPROOF SEALABLE DEEP LIDS FOR BOXES FOR UPRIGHTS - GREY RAL 7035 - IP44

Code	For boxes int.LxHxD(mm)	Shock resistance	Characteristics	Pack. Carton.
GW 48 267	260x260x74	IK10	Halogen free	1/10
GW 48 271	520x260x74	IK10	Halogen free	1/5

CHARACTERISTICS: the lid has a removable front plate and a frame for connection with trunking (max h = 65mm) and conduits (max Ø = 40mm). The frame is ready for fixing the DIN rails (not supplied).

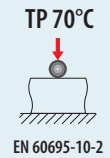
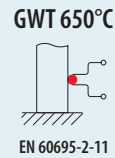
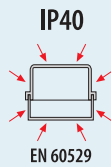
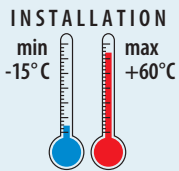
Pre-arrangement EN 50022: GW48267 horizontal - 24 modules (2x12); vertical - 24 modules (2x12); GW48271 horizontal - 78 modules (26x3); vertical - 36 modules (12x3).

ACCESSORIES SUPPLIED: self-adhesive symbol labels for circuit identification, and sealing screws.

48 RANGE

FLUSH-MOUNTING JUNCTION AND MODULAR RANGE BOXES

48 PT - CONNECTION AND JUNCTION BOXES - IP40



FOR BRICK WALLS

GW48007



JUNCTION AND CONNECTION BOXES - LID WHITE RAL 9016



Code	Outer dim. LxHxD (mm)	Compartment pre-arr.	Characteristics	Pack. Carton.
GW 48 001	92 x 92 x 45	1	Halogen free	162
GW 48 002	118 x 96 x 50	1	Halogen free	114
GW 48 003	118 x 96 x 70	1	Halogen free	84
GW 48 004	152 x 98 x 70	1	Halogen free	64
GW 48 005	160 x 130 x 70	1	Halogen free	49
GW 48 006	196 x 152 x 70	2	Halogen free	34
GW 48 007	294 x 152 x 70	3	Halogen free	22
GW 48 008	392 x 152 x 70	4	Halogen free	17
GW 48 009	480 x 160 x 70	3	Halogen free	17
GW 48 010	516 x 202 x 80	3	Halogen free	9
GW 48 011	516 x 294 x 80	6	Halogen free	5

CHARACTERISTICS: superficial embossing of the covers to facilitate painting.
External knurling of the base to improve mortar adherence.

Pre-arrangement for battery coupling (both horizontal and vertical) via the joining element (code GW48051). Lid protected with heat-shrinking film that also contains the bag of fixing screws. Mortar guard element assembled by pressing on the base opening.

ACCESSORIES SUPPLIED: box GW48011 equipped with 5 dividers

Screws supplied: cross head, of the PH1 type; dimensions \varnothing 3x25. Mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

①=May 2010

②=June 2010

③=September 2010

TECHNICAL COMPONENTS FOR BOXES FOR BRICK WALLS

GW48012



INTERNAL DIVIDER FOR PT AND PT DIN BOXES

Code	For boxes	Characteristics	Pack. Carton.
GW 48 012	PT from GW48006 to GW48010 and PT DIN from GW48106 to GW48110	Halogen free	50/300

GW48051



JOINING ELEMENT FOR PT AND PT DIN BOXES

Code	For boxes	Characteristics	Pack. Carton.
GW 48 051	PT from GW48003 to GW48011 and PT DIN from GW48106 to GW48111	Halogen free	10

NOTES: the use of the joining element allows you to create horizontal and/or vertical sets of sets 48 PT- PT DIN junction boxes.

GW48018



SHOCKPROOF HIGH RESISTANCE PLAIN LIDS FOR PT AND PT DIN BOXES - WHITE RAL 9016 - IP40

Code	For boxes LxH dim. (mm)	Shock resistance	Characteristics	Pack. Carton.
GW 48 013	92x92	IK10	Halogen free	10/120
GW 48 014	118x96	IK10	Halogen free	10/100
GW 48 015	152x98	IK10	Halogen free	10/100
GW 48 016	160x130	IK10	Halogen free	10/100
GW 48 017	196x152	IK10	Halogen free	10/100
GW 48 018	294x152	IK10	Halogen free	10/80
GW 48 019	392x152	IK10	Halogen free	10/40
GW 48 020	480x160	IK10	Halogen free	10/40
GW 48 021	516x202	IK10	Halogen free	10/30
GW 48 022	516x294	IK10	Halogen free	10/20

CHARACTERISTICS: superficial embossing of the covers to facilitate painting.

GW48084



DEEP LIDS FOR PT AND PT DIN BOXES - WHITE RAL 9016 - IP40

Code	For boxes LxH dim. (mm)	Characteristics	Pack. Carton.
GW 48 084	152x98	Halogen free	1/10
GW 48 085	160x130	Halogen free	1/8
GW 48 086	196x152	Halogen free	1/10
GW 48 087	294x152	Halogen free	1/5
GW 48 088	392x152	Halogen free	1/5

CHARACTERISTICS: the deep lids have a front lid and a frame for connection with trunking.

H max lid= 49mm for boxes up to 196x152; h max lid= 66mm for boxes up to 392x152 and conduits Ø max = 32mm

GW48023



LONG SELF-TAPPING SCREWS FOR SECURING COVER

Code	Dimensions (mm)	Suitable for	Stamp	Pack. Carton.
GW 48 023	Ø3x38	Junction boxes PT and PT DIN	PH1	300/4200

BOX FOR CAVITY WALLS

GW48405



JUNCTION AND CONNECTION BOXES FOR CAVITY WALLS - LID WHITE RAL 9016 - (GWT 850°C)

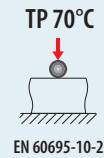
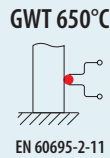
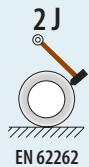
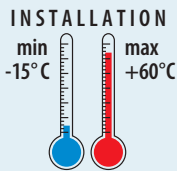
Code	Outer dim. LxHxD (mm)	No. input	Pack. Carton.
GW 48 405	160 x 130 x 45	Ø 20=10 Ø 25=4	2/60

CHARACTERISTICS: the lid is fitted with a knockout window (76 x 56 mm) to accommodate component/plate compositions up to 3 gang.

48 RANGE

FLUSH-MOUNTING JUNCTION AND MODULAR RANGE BOXES

48 PTC - MODULAR JUNCTIONS, CONTROL AND DISTRIBUTION BOXES



48 RANGE

BOXES WITH LID - IP40

GW48661



PROTECTED FLUSH-MOUNTING MODULAR CONNECTION AND JUNCTION BOXES SHOCKPROOF LIDS - WHITE RAL 9016



Code	Outer dim. LxHxD (mm)	Compartment pre-arr.	Characteristics	Pack. Carton.
GW 48 661	138 x 169 x 70	1	Halogen free	1/28
GW 48 662	308 x 169 x 70	2	Halogen free	1/14
GW 48 663	398 x 169 x 70	3	Halogen free	1/9

ACCESSORIES SUPPLIED: self-adhesive symbol discs to identify the circuits, kit of self-tapping galvanised screws Ø 4x32mm, hinge for constrained cover opening. GW48662 Ready to house the DIN rail; space for 14 modules. Mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

CHARACTERISTICS: pre-arrangement for combined coupling (both horizontal and vertical) via the feedthrough coupling device (code GW48026). Mortar guard element assembled by pressing on the base opening.

BOXES WITH LID - IP55

GW48671



FLUSH-MOUNTING MODULAR CONNECTION AND JUNCTION BOXES WATERTIGHT SHOCKPROOF LIDS - GREY RAL 7035



Code	Outer dim. LxHxD (mm)	Compartment pre-arr.	Characteristics	Pack. Carton.
GW 48 671	138 x 169 x 70	1	Halogen free	1/28
GW 48 672	308 x 169 x 70	2	Halogen free	1/14
GW 48 673	398 x 169 x 70	3	Halogen free	1/9

ACCESSORIES SUPPLIED: self-adhesive symbol discs for the identification of circuits, kit of Ø 4x32mm stainless steel self-tapping screws, hinge for constrained cover opening. GW48672 Ready to house the DIN rail. Space available for 14 modules. Mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

CHARACTERISTICS: pre-arrangement for combined coupling (both horizontal and vertical) via the feedthrough coupling device (code GW48026). Mortar guard element assembled by pressing on the base opening.

BOXES WITH TRANSPARENT SHOCKPROOF LID - IP55

GW48691



WATERTIGHT FLUSH-MOUNTING MODULAR JUNCTION AND CONNECTION BOX SHOCKPROOF LID - TRANSPARENT



Code	Outer dim. LxHxD (mm)	Compartment pre-arr.	Characteristics	Pack. Carton.
GW 48 691	138 x 169 x 70	1	Halogen free	1/28

ACCESSORIES SUPPLIED: self-adhesive symbol discs for circuits identification, kit of Ø 4x32 mm galvanised self-tapping screws, hinge for constrained cover opening. Mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

CHARACTERISTICS: pre-arrangement for combined coupling (both horizontal and vertical) via the feedthrough coupling device (code GW48026). Mortar guard element assembled by pressing on the base opening.

①=May 2010

②=June 2010

③=September 2010

MODULAR ENCLOSURES WITH SMOKED TRANSPARENT DOOR - IP55

GW48681



WATERTIGHT FLUSH-MOUNTING MODULAR ENCLOSURES WITH SHOCKPROOF FRONTS - GREY RAL 7035



Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Front dim. LxH (mm)	Dispersible power(W)	Characteristics	Pack. Carton.
GW 48 681	6	138 x 169 x 70	175 x 210	15	Halogen free	1/6
GW 48 682	12	308 x 169 x 70	345 x 210	25	Halogen free	1/4

ACCESSORIES SUPPLIED: module-covering profile, circuit labels, kit of stainless steel self-tapping screws Ø 4x32mm.

Mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

CHARACTERISTICS: pre-arrangement for combined coupling (both horizontal and vertical) via the feedthrough coupling device (code GW48026).

Mortar guard element assembled by pressing on the base opening.

NOTES: dispersible power calculated according to IEC 60670-24.

GW48686



WATERTIGHT FLUSH-MOUNTING COMBINED BOARD FITTED FOR MODULAR DEVICES AND FOR 2 FLANGES 85X75 MM FOR MOUNTING IEC 309 STANDARD SOCKET-OUTLETS - SHOCKPROOF FRONT - GREY RAL 7035



Code	No. of modules EN 50022	Outer dim. LxHxD (mm)	Front dim. LxH (mm)	Dispersible power(W)	Characteristics	Pack. Carton.
GW 48 686	4	308 x 169 x 70	345 x 210	19	Halogen free	1/4

ACCESSORIES SUPPLIED: circuit labels, kit of stainless steel self-tapping screws Ø 4x32mm.

Mortar guard element in cardboard supplied as standard in the packs and packed with paper banding.

CHARACTERISTICS: pre-arrangement for combined coupling (both horizontal and vertical) via the feedthrough coupling device (code GW48026).

Mortar guard element assembled by pressing on the base opening.

NOTES: dispersible power calculated according to IEC 60670-24. Compatible with fixed, flush-mounting sockets tilted by 10°, of the IEC 309 16A type.

COMPLEMENTARY ITEMS

GW48024



INTERNAL DIVIDER FOR PTC BOXES

Code	For boxes dimensions	Characteristics	Pack. Carton.
GW 48 024	398x169x70 308x169x70 mm	Halogen free	10/200

APPLICATIONS: guarantees that circuits of a different nature are separated, in compliance with Standard IEC 60364 (international) and HD 384 (european).

GW48026

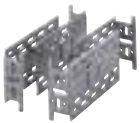


PTC BOX COUPLING ADAPTOR

Code	Description	Characteristics	Pack. Carton.
GW 48 026	Base box coupling	Halogen free	5/25

APPLICATIONS: allows the creation of vertical/horizontal combined compositions and easier cable passage.

GW70009



GALVANIZED STEEL EXTENDING BRACKETS FOR REAR FIXING, COMPLETE WITH SELF-TAPPING SCREWS - SET OF 4 BRACKETS - 70 RT RANGE

Code	Adjustable distance	Pack. Carton.
GW 70 009	90 - 160 mm	1/10

APPLICATIONS: when creating upright columns, it allows the creation of an air gap for the passage of conduits between the PTC box and the wall.

GW44683



RAIL FOR FIXING EQUIPOTENTIAL TERMINAL BLOCKS IN THE PTC MODULAR FLUSH-MOUNTING BOXES

Code	Installable term.blocks	Pack. Carton.
GW 44 683	2xGW44671, 4xGW44673, 3xGW44672, 2xGW44674, 1xGW44675	1/50

CHARACTERISTICS: 1 compartment width. For applications with PTC boxes of 2 and 3 compartments, the rail is fixed on the dividers GW48024.

GW48643



KIT FOR SEALING LIDS / FRONTS OF PTC BOXES 2 SCREWS WITH HEAD WITH THROUGH HOLE

Code	Description	Screw dim. (mm)	Pack. Carton.
GW 48 643	Screws nichel-plated brass	Ø 4x32	1/100

APPLICATIONS: in areas that can be accessed by unauthorised personnel, it prevents anyone tampering with the system.

GW48645



KIT CONTAINING 4 LONG SELF-THREADING SCREWS WITH SPACERS FOR FIXING LIDS AND FRONTS

Code	Screw dim. (mm)	Spacer thickness (mm)	Pack. Carton.
GW 48 645	Ø 4x45	max 10 mm reducible	1/100

CHARACTERISTICS: the kit can also be used for the following flush-mounting ranges: CD/CDK (from 6 modules upwards), 48 CM and 42 RV.

GW48644



WATERTIGHT CYLINDRICAL SECURITY LOCK

Code	For enclosures	Material	Pack. Carton.
GW 48 644	48 PTC and 42 RV range	Pressure die-cast metal	1/10

ACCESSORIES SUPPLIED: 2 keys. All the keys are supplied with a standardised code.

NOTES: all the keys and locks supplied are standard, so the key can open all locks with the same product code.

GW66745



WATERTIGHT LIDS FOR COMBINED ENCLOSURE 48 PTC RANGE, OF THE GW48686 TYPE

Code	Dimensions LxH (mm)	Suitable for	Colour	Pack. Carton.
GW 66 708	85x75	1 Button Ø22 mm Range 74 PS	Grey	1/20
GW 66 745	85x75	1 Button Ø22 mm Range 74 PS	Yellow	1/20
GW 27 401	85 x 75	2 SYSTEM modules	Grey	3/60

APPLICATIONS: GW66745 specifically for the assembly of emergency push-buttons. Possibility of assembly on Q-DIN boards, PTC junction boxes, flanged lids and panels.

ACCESSORIES SUPPLIED: gasket and mounting screws.

SPARE PARTS

GW48611



PROTECTED SHOCKPROOF LIDS FOR PTC JUNCTION BOXES - WHITE RAL 9016 - IP40

Code	For boxes dimensions	Characteristics	Pack. Carton.
GW 48 611	138x169x70 mm	Halogen free	1/70
GW 48 612	308x169x70 mm	Halogen free	1/25
GW 48 613	398x169x70 mm	Halogen free	1/40

ACCESSORIES SUPPLIED: kit of galvanised self-threading screws Ø4 x 32mm.

GW48621



WATERTIGHT SHOCKPROOF LIDS FOR PTC JUNCTION BOXES - RAL 7035 - IP55

Code	For boxes dimensions	Characteristics	Pack. Carton.
GW 48 621	138x169x70 mm	Halogen free	1/30
GW 48 622	308x169x70 mm	Halogen free	1/20
GW 48 623	398x169x70 mm	Halogen free	1/15

ACCESSORIES SUPPLIED: kit of stainless steel self-threading screws Ø4 x 32mm.

GW48651



PROTECTED WATERTIGHT TRANSPARENT SHOCKPROOF LIDS FOR PTC JUNCTION BOXES - I55

Code	For boxes dimensions	Characteristics	Pack. Carton.
GW 48 651	138x169x70 mm	Halogen free	1/30

ACCESSORIES SUPPLIED: kit of stainless steel self-threading screws Ø4 x 32mm.

GW40423



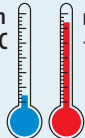
PLASTIC MODULE COVER PROFILE

Code	No. of modules EN 50022	Colour	Characteristics	Pack. Carton.
GW 40 423	4.5	Grey RAL 7035	Halogen Free	50

24 SC - BOXES FOR MODULAR RANGES

INSTALLATION

min -15°C max +60°C



GWT 650°C



EN 60695-2-11

TP 70°C



EN 60695-10-2

HIGH CAPACITY RECTANGULAR BOXES FOR BRICK WALLS - BIG BOX

GW24403



HIGH CAPACITY RECTANGULAR BOXES FOR MODULAR DOMESTIC RANGES



Code	Description	C.dist. supp. fixing	Compartment pre-arr.	Outer dim. LxHxD (mm)	Characteristics	Pack. Carton.
GW 24 403	3 gang	83.5 mm	3	119x80x50	Halogen free	15/345
GW 24 404	4 gang	108.5 mm	4	144x85x50	Halogen free	5/135
GW 24 406	6 gang	100 mm	6	194x90x50	Halogen free	3/36
GW 24 206	6 gang (3+3)	83.5 mm	1	108x124x50	Halogen free	5/150
GW 24 237	8 gang (4+4)	108.5 mm	2	131x129x53	Halogen free	2/24
GW 24 238	12 gang (6+6)	163.5 mm	2	186x132x53	Halogen free	2/24
GW 24 239	18 gang (6+6+6)	163.5 mm	3	186x190x65	Halogen free	2/16

CHARACTERISTICS: GW24403, GW24404 and GW24406 can be combined with a reusable, mortar-proof, protective shield; functional dividers and joint elements.

GW24206: suitable for assembly of self-supporting "Compact" plates GW24005 and blank "Compact" plates GW24215 - GW24216.

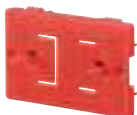
ACCESSORIES SUPPLIED: GW24237, GW24238 and GW24239 functional dividers.

APPLICATIONS: ideal for use in the domestic sphere.

NOTES: GW24239 for PLAYBUS only.

TECHNICAL COMPONENTS FOR BOXES FOR BRICK WALLS - BIG BOX

GW24403P



MORTAR-PROOF PROTECTIVE SHIELD FOR BIG BOX FLUSH-MOUNTING BOXES

Code	For boxes	Characteristics	Pack. Carton.
GW 24 403 P	BIG BOX - 3 gangs (GW24403)	Halogen free	200
GW 24 404 P	BIG BOX - 4 gangs (GW24404)	Halogen free	50
GW 24 406 P	BIG BOX - 6 gangs (GW24406)	Halogen free	50

CHARACTERISTICS: in technopolymer. Total protection during brick wall work, painting and finishing operations.

Equipped with soft technopolymer antennas for identification purposes, and a central handle making it easier to pull it out.

NOTES: clip fixing to speed up assembly and removal operations. Reusable.

GW24321



FUNCTIONAL DIVIDER FOR BIG BOX HIGH CAPACITY RECTANGULAR BOXES

Code	For boxes	Characteristics	Pack. Carton.
GW 24 321	GW24403, GW24404, GW24406	Halogen free	200

APPLICATIONS: to separate circuits of different voltages in accordance with Systems Standard IEC 60364 (international) and HD 384 (european).

GW24330



CONNECTION ELEMENT FOR THE COMBINED ASSEMBLY OF BIG BOX RECTANGULAR BOXES

Code	For boxes	Characteristics	Pack. Carton.
GW 24 330	GW24403, GW24404, GW24406	Halogen free	150

APPLICATIONS: for the horizontal/vertical composition of BIG BOXes with 3/4/6 gangs.

NOTES: GW24330 allows the assembly of System, Playbus and Chorus plates.

RECTANGULAR BOXES FOR CAVITY WALLS

GW24207



RECTANGULAR BOXES WITH FIXING INSERTS OF ADJUSTABLE DEPTH - GWT 850°C

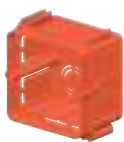
Code	Description	C.dist. supp. fixing	Compartment pre-arr.	Outer dim. LxHxD (mm)	Pack. Carton.
GW 24 207	3 gang	83.5 mm	1	107x64x48	5/200
GW 24 245	4 gang	108.5 mm	1	132x68x48	2/108
GW 24 246	6 gang	100 mm	1	183x72x52	2/80

NOTES: boxes suitable for installation in lightweight walls; H-type shell in accordance with EN60670-1, and Ha-type in accordance with IEC60670-1.

Remove the knockouts with the help of tools (e.g. screwdriver).

SQUARE BOX

GW24231



FLUSH-MOUNTING SQUARE BOX

Code	Description	C.dist. supp. fixing	Outer dim. LxHxD (mm)	Characteristics	Pack. Carton.
GW 24 231	2 gang sectional	60 mm	70x70x50	Halogen free	5/200

CHARACTERISTICS: fitted for Spanish standard multiple horizontal/vertical configurations, with centre distance 71 mm between the boxes.
NOTES: supplied without fixing screws.

ROUND BOXES AND COVERS

GW24232



ROUND MODULAR FLUSH-MOUNTING BOX - Ø 60 MM WITH PINS FOR FIXING SCREWS

Code	Description	C.dist. supp. fixing	Dimensions (mm)	Characteristics	Pack. Carton.
GW 24 232	Modular round	60 mm	Ø 60 x 42	Halogen free	5/200
GW 24 233	Spacer for column at 91 mm			Halogen free	20/200

CHARACTERISTICS: supplied without fixing screws GW24232 suitable for single or double installations with centre distance composition 71 mm (or 91 mm with the special spacer supplied as an accessory). GW24233 It is a spacer for coupling at 91 mm.

GW24208



ROUND MODULAR FLUSH-MOUNTING BOX

Code	Description	Dimensions (mm)	Characteristics	Pack. Carton.
GW 24 208	Conical	Ø 65 x 41	Halogen free	270
GW 24 209	Cylindrical	Ø 65 x 38	Halogen free	312
GW 24 210	Cylindrical	Ø 85 x 42	Halogen free	152

GW24234



ROUND FLUSH-MOUNTING BOX Ø 65MM FOR CAVITY WALLS - GWT 850°C

Code	Description	C.dist. supp. fixing	Dimensions (mm)	Pack. Carton.
GW 24 234	Round	60 mm	Ø 65 x 45	5/200
GW 24 282	Double	57 mm	86x76x53	2/108

NOTES: boxes suitable for installation in lightweight walls; H-type shell in accordance with EN60670-1, and Ha-type in accordance with IEC60670-1. Remove the knockouts with the help of tools (e.g. screwdriver).

GW24218



ROUND MODULAR FLUSH-MOUNTING BOX LIDS COLOUR WHITE

Code	Description	Fixing	Pack. Carton.
GW 24 218	Ø 65mm	With expansion	50/400
GW 24 220	Ø 85mm	With expansion	50/600

TELEPHONE SYSTEMS BOXES

GW24221



FLUSH-MOUNTING BOXES FOR TELEPHONE SYSTEMS - IVORY LID

Code	Type of installation	Outer dim. LxHxD (mm)	Pack. Carton.
GW 24 221	Conventional	68 x 68 x 30	280
GW 24 222	Prefabricated	68 x 68 x 40	5/160

CHARACTERISTICS: entries for conduits Ø 20 mm.

GW24223



BOX FIXING POSITIONER FOR PREFABRICATED INSTALLATIONS

Code	For box	Outer dim. LxHxD (mm)	Pack. Carton.
GW 24 223	GW24222	68 x 68 x 23	200

COMPLEMENTARY ITEMS

GW24227



DEEP LIDS FOR 3-GANG FLUSH-MOUNTING RECTANGULAR BOXES TO INTERFACE BETWEEN SURFACE AND FLUSH INSTALLATIONS - IP40

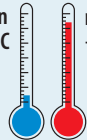
Code	Description	For trunking dim. (mm)	For conduits max. Ø (mm)	Pack. Carton.
GW 24 227	Blank lid	25x17 22x10 15x17 mm	16	5/50
GW 24 228	Device frame	25x17 22x10 15x17 mm	16	5/50

APPLICATIONS: the deep lids permit extending the installation by deriving other points for drawing and controlling power from a rectangular 3-gang flush-mounting box. The version with a window, GW24228, permits installing frames and plates with up to 3 gang.

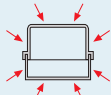
FLUSH-MOUNTING SYSTEM FOR CAVITY WALLS

INSTALLATION

min -15°C max +60°C



IP40



EN 60529

GWT 850°C



EN 60695-2-11

TP 70°C



EN 60695-10-2

PROTECTED ENCLOSURES FOR CAVITY WALLS - IP40 - BLANK DOOR AND METAL FRAME

GW40162



ENCLOSURES FOR CAVITY WALLS EQUIPPED WITH TERMINAL BLOCKS - WHITE RAL 9016

Code	No. modules DIN	Terminal block N (mm ²)	Terminal block T (mm ²)	Dispersible power(W)	Pack. Carton.
GW 40 161	12+2	(1x25)+(3x16)+(14x10)	(1x25)+(3x16)+(14x10)	16	2
GW 40 162	24+4 (12x2)	(2x25)+(6x16)+(16x10)	(1x25)+(3x16)+(14x10)	19	2
GW 40 163	36+6 (12x3)	(2x25)+(6x16)+(22x10)	(1x25)+(5x16)+(22x10)	24	2
GW 40 164	48+8 (12x4)	(2x25)+(6x16)+(22x10)	(1x25)+(5x16)+(22x10)	27	2

CHARACTERISTICS: removable upper part with knockouts for cable entry. Impact resistance: IK 08 (5 J).

ACCESSORIES SUPPLIED: terminal block, labels with self-adhesive pictograms for circuit identification, cable fastener busbars and ties, removable upper part with knockouts for cable entry (spare part), certification label.

NOTES: dispersible power calculated according to IEC 60670-24.

TECHNICAL COMPONENTS FOR ENCLOSURES FOR CAVITY WALLS

GW40451



TERMINAL BLOCK WITH SUPPORT FOR ENCLOSURES FOR CAVITY WALLS

Code	Terminal block N (mm ²)	Terminal block T (mm ²)	For enclosures	Pack. Carton.
GW 40 451	(1x25)+(3x16)+(14x10)	(1x25)+(3x16)+(14x10)	12 modules	20
GW 40 452	(1x25)+(3x16)+(8x10)	(1x25)+(3x16)+(14x10)	24 modules	20
GW 40 453	2x[(1x25)+(3x16)+(8x10)]	(1x25)+(5x16)+(22x10)	36-48 modules	20

CHARACTERISTICS: clip fixing.

GW40461



PAIR OF JOINTS FOR COUPLING COMBINATIONS OF FLUSH-MOUNTING ENCLOSURES FOR CAVITY WALLS

Code	Fixing	For coupling	Pack. Carton.
GW 40 461	Clip	Vertical	20

GW40457



INTERNAL DIVIDERS FOR ENCLOSURES FOR CAVITY WALLS

Code	Type of divider	For enclosures	Fixing	Pack. Carton.
GW 40 456	Vertical	12 modules	Clip	50
GW 40 457	Vertical	24 modules	Clip	50
GW 40 458	Vertical	36 modules	Clip	30
GW 40 459	Vertical	48 modules	Clip	20
GW 40 460	Horizontal	12-24-36-48 modules	Clip	50

GW40463



SECURITY LOCK FOR ENCLOSURES FOR CAVITY WALLS

Code	For enclosures	Material	Pack. Carton.
GW 40 463	40 CDi for plasterboard walls	Metal	1/10

ACCESSORIES SUPPLIED: 2 keys with standardised code.

NOTES: all the keys and locks supplied are standard, so the key can open all locks with the same product code.

GW40467



4.5 MODULES COVER - COLOUR WHITE

Code	No. EN 50022 modules	Colour	Characteristics	Pack. Carton.
GW 40 467		White RAL 9016	Halogen Free	50

CHARACTERISTICS: clip fixing

FLUSH-MOUNTING BOXES FOR CAVITY WALLS

GW48405



JUNCTION AND CONNECTION BOXES FOR CAVITY WALLS - LID WHITE RAL 9016 - (GWT 850°C)

Code	Outer dim. LxHxD (mm)	No. input	Pack. Carton.
GW 48 405	160 x 130 x 45	Ø 20=10 Ø 25=4	2/60

CHARACTERISTICS: the lid is equipped with knockout windows (76x56 mm) for housing component/plate compositions of up to 3 gangs. Impact resistance: IK 07 (2 J).

FLUSH-MOUNTING RECTANGULAR BOXES FOR CAVITY WALLS

GW24207



RECTANGULAR BOXES WITH FIXING INSERTS OF ADJUSTABLE DEPTH - GWT 850°C

Code	Description	C.dist. supp. fixing	Compartment pre-arr.	Outer dim. LxHxD (mm)	Pack. Carton.
GW 24 207	3 gang	83.5 mm	1	107x64x48	5/200
GW 24 245	4 gang	108.5 mm	1	132x68x48	2/108
GW 24 246	6 gang	100 mm	1	183x72x52	2/80

CHARACTERISTICS: impact resistance: IK 07 (2 J).

NOTES: boxes suitable for installation in lightweight walls; H-type shell in compliance with EN60670-1, and Ha-type in compliance with IEC60670-1. Remove the knockouts with the help of tools (e.g. screwdriver).

FLUSH-MOUNTING ROUND BOXES AND LIDS FOR CAVITY WALLS

GW24234



ROUND FLUSH-MOUNTING BOX Ø 65MM FOR CAVITY WALLS

Code	Description	C.dist. supp. fixing	Dimensions (mm)	Pack. Carton.
GW 24 234	Round	60 mm	Ø 65 x 45	5/200
GW 24 282	Double	57 mm	86x76x53	2/108

CHARACTERISTICS: impact resistance: IK 07 (2 J).

NOTES: boxes suitable for installation in lightweight walls; H-type shell in compliance with EN60670-1, and Ha-type in compliance with IEC60670-1. Remove the knockouts with the help of tools (e.g. screwdriver).

GW24218



ROUND MODULAR FLUSH-MOUNTING BOX LIDS COLOUR WHITE

Code	Description	Fixing	Pack. Carton.
GW 24 218	Ø 65mm	With expansion	50/400

42 RV range

Surface- and flush-mounting watertight emergency enclosures

Range of watertight emergency operation enclosures manufactured in 13 versions for the various alarm devices.

High IP55 protection degree for both wall- and flush-mounting versions.







- Colour red RAL 3000 or grey RAL 7035.
- Green LED provided as an accessory for signalling the integrity of the emergency circuit.
- Numerous configuration possibilities.
- Halogen-free material versions.



42 RV RANGE

SURFACE AND FLUSH-MOUNTING WATERTIGHT EMERGENCY ENCLOSURES





42 RV RANGE

		EQUIPPED WITH ILLUMINABLE PUSH-BUTTON						
								
	Code	GW 42 201						
	Colour	Red RAL 3000						
	Hammer	GW 42 216						
	Replacement glass	GW 42 211						
	Watertight cylinder security lock	-						
	Contacts	NO	GW 74 201					
		NC	GW 74 202					
	Code	GW 30 951	GW 30 952	GW 30 943	GW 30 945	GW 30 958	GW 30 959	GW 30 960
	Voltage (V AC/DC)	12	24	230	110	12-24	110-230	48
	Power (W)	0.4	0.8	0.4	0.8			
	Light emission	White	White	Red	White	Green	Green	Green

42 RV RANGE

SURFACE AND FLUSH-MOUNTING WATERTIGHT EMERGENCY ENCLOSURES



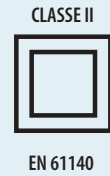
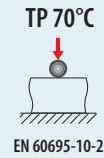
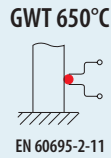
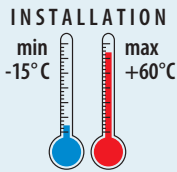
PRE-ARRANGED WITH Ø 22mm HOLE	WITH DIN RAIL				WITH BACK-MOUNTING PLATE	FLUSH-MOUNTING ENCLOSURE WITH DIN RAIL		
								
GW 42 204	GW 42 206	GW 42 202	GW 42 207	GW 42 208	GW 42 203	GW 42 231	GW 42 232	
Red RAL 3000	Red RAL 3000	Red RAL 3000	Grey RAL 7035	Grey RAL 7035	Red RAL 3000	Red RAL 3000	Grey RAL 7035	
GW 42 216	GW 42 216	GW 42 216	GW 42 216	GW 42 216	GW 42 216	GW 42 216	GW 42 216	
GW 42 213	GW 42 213	GW 42 212	GW 42 213	GW 42 212	GW 42 212	GW 42 214	GW 42 214	
GW 48 644	GW 48 644	GW 48 644	GW 48 644	GW 48 644	GW 48 644	GW 48 644	GW 48 644	
-	-				-	-	-	
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42 RV RANGE

42 RV RANGE

SURFACE AND FLUSH-MOUNTING WATERTIGHT EMERGENCY ENCLOSURES

42 RV - WATERTIGHT ENCLOSURES FOR EMERGENCY MANOEUVRES - IP55



EQUIPMENT WITH ILLUMINABLE PUSH-BUTTON

GW42201



WATERTIGHT ENCLOSURE FOR EMERGENCY SYSTEMS - EQUIPPED WITH ILLUMINATED PUSH-BUTTON FOR LOCALISATION, AND TWO CONTACTS (1NA+1NC) - ITH 10A TO 240V - PREARRANGEMENT FOR USE OF GREEN LED TO SIGNAL GOOD CONDITION OF EMERGENCY CI



Code	Outer dim. LxHxD (mm)	Colour	Characteristics	Pack. Carton.
GW 42 201	120 x 120 x 50	Red RAL 3000	Halogen Free	1/10

CHARACTERISTICS: possibility of mounting on flush-mounting box GW24403. 2-seat contact-holding flange.

ACCESSORIES SUPPLIED: substitute button key to enable configuration of manual or automatic action upon the breaking of the glass, self-adhesive pictograms "Break the glass" and "Press the button", screwcaps for double insulation, screws and accessories for the sealing of the frontal. Breakable glass "Sicur Push".

NOTES: substitute contacts NO: GW74201, NC: GW74202; lamps for locating push-button: GW30951 12V~/-, GW30952 24V~/-, GW30943 230V~/-, green LEDs for indicating emergency circuit integrity: GW30958 from 12 to 24V~/-, GW30959 from 110 to 230V~/-, GW30960 from 48V~/-.

To restore the double insulation use the relative screwcaps supplied.

FITTED WITH HOLE Ø 22 MM

GW42204



WATERTIGHT ENCLOSURE FOR EMERGENCY SYSTEMS FITTED WITH HOLE Ø 22MM



Code	Outer dim. LxHxD (mm)	Colour	Characteristics	Pack. Carton.
GW 42 204	108 x 180 x 100	Red RAL 3000	Halogen free	1/10

ACCESSORIES SUPPLIED: Door fitted with lock with 2 keys, self adhesive pictogram "Break glass" and screwcaps for double insulation. "Sicur Push" breakable glass.

To restore the double insulation use the relative accessories supplied (screwcaps and the brackets for surface mounting GW44621).

CHARACTERISTICS: compatible with emergency push-buttons (without key) Ø 22mm of 74 PS Range.

WITH DIN RAIL

GW42202



WATERTIGHT ENCLOSURES FOR EMERGENCY USE AND SPECIAL APPLICATIONS WITH RAIL DIN



Code	No. modules DIN	Outer dim. LxHxD (mm)	Dispersible power(W)	Characteristics	Pack. Carton.
COLOUR: RED RAL 3000					
GW 42 206	4	108 x 180 x 100	12	Halogen free	1/10
GW 42 202	8	180 x 180 x 100	18	Halogen free	1/10
COLOUR: GREY RAL 7035					
GW 42 207	4	108 x 180 x 100	12	Halogen free	1/10
GW 42 208	8	180 x 180 x 100	18	Halogen free	1/10

ACCESSORIES SUPPLIED: door equipped with security lock with 2 keys, self-adhesive pictogram "Break the glass", user label and screwcaps for double insulation. Breakable glass "Sicur Push".

NOTES: dispersible power calculated according to IEC 60670-24.

To restore the double insulation use the relative accessories supplied (module mask and screwcaps as the brackets for surface mounting GW44621).

①=May 2010

②=June 2010

③=September 2010

WITH BACK-MOUNTING PLATE

GW42203



WATERTIGHT ENCLOSURE FOR EMERGENCY USE AND SPECIAL APPLICATIONS WITH GALVANISED METAL BACK MOUNTING PLATE



Code	Outer dim. LxHxD (mm)	Colour	Characteristics	Pack. Carton.
GW 42 203	180 x 180 x 100	Red RAL 3000	Halogen free	1/10

ACCESSORIES SUPPLIED: Door fitted with lock with 2 keys, self adhesive pictogram "Break glass" and screwcaps for double insulation. Full insulation, in compliance with standard EN 60439-1, can be achieved using screwcaps or GW44621 resin fixing brackets. "Sicur Push" breakable glass.

To restore the double insulation use the relative accessories supplied (module mask and screwcaps as the brackets for surface mounting GW44621).

FLUSH-MOUNTING ENCLOSURE WITH DIN RAIL

GW42232



WATERTIGHT FLUSH-MOUNTING ENCLOSURES FOR EMERGENCIES AND SPECIAL APPLICATIONS WITH RAIL DIN



Code	No. modules DIN	Outer dim. LxHxD (mm)	Dispersible power(W)	Colour	Characteristics	Pack. Carton.
GW 42 231	4	145 x 200 x 70	12	Red RAL 3000	Halogen free	1/10
GW 42 232	4	145 x 200 x 70	12	Grey RAL 7035	Halogen free	1/10

ACCESSORIES SUPPLIED: door equipped with security lock with 1 key, self-adhesive pictogram "Break the glass", user label Breakable glass "Sicur Push".

NOTES: if the flush-mounting box is not embedded in line with the wall, use the screw kit plus the spacers GW48645. Dispersible power calculated according to IEC 60670-24.

To restore the double insulation use the relative accessories supplied (module mask and screwcaps).

PLATES FOR LIFTS / EMERGENCY

WIRED PLATES FOR LIFT AND EMERGENCY

GW32450



SELF-SUPPORTING WIRED PLATES FOR LIFT/EMERGENCY WITH ILLUMINABLE BUTTON SWITCH, TRIANGLE KEY AND BREAKABLE GLASS - IP40

Code	Contacts	Colour	Suitable for	Pack. Carton.
GW 32 450	1 NO + 1 NC 10A (AC1) / 6A (AC15)	White	Lift	1/10
GW 32 451	1 NO + 1 NC	Red	Emergency	1/10

The articles are supplied with an 11mm button key already assembled, without a lamp. They use the GW30941 12V/-, GW30942 24V/- and GW30943 230V/- signalling units.

CHARACTERISTICS: the plates are suitable for the GW40422 security lock, available as an accessory.

For flush-mounting box: GW24403; for surface-mounting box: GW32431, GW32432.

ACCESSORIES SUPPLIED: accessory button key, 17mm high, to operate the contacts when glass is broken.

PLATES FITTED FOR PLAYBUS RANGE DEVICES

GW32452



SELF-SUPPORTING UNWIRED PLATES FOR EMERGENCY WITH TRIANGLE KEY AND BREAKABLE GLASS FITTED FOR MOUNTING MODULAR PLAYBUS DEVICES - IP40

Code	Colour	No. Playbus modules	Pack. Carton.
GW 32 452	White	2	1/10
GW 32 453	Red	2	1/10

CHARACTERISTICS: the plates are suitable for the GW40422 security lock, available as an accessory.

For flush-mounting box: GW24403; for surface-mounting box GW32431, GW32432.

COMPLEMENTARY ITEMS

GLASS BREAKER

GW42216



GLASS BREAKER WITH UNIVERSAL FIXING SUPPORT

Code	Colour	Support dimension (mm)	Pack. Carton.
GW 42 216	Toner black	70 x 60	1/10

CHARACTERISTICS: the hammer is joined to the base with a fine chain, so it can not be lost.

SPARE GLASS

GW42212



SPARE SICUR PUSH GLASS FOR WATERTIGHT ENCLOSURES FOR EMERGENCIES

Code	For enclosures	Pack. Carton.
GW 42 211	GW42201	1/10
GW 42 213	GW42204 GW42206 GW42207	1/10
GW 42 212	GW42202 GW42203 GW42208	1/10
GW 42 214	GW42231 GW42232	1/10

GW32457



SPARE BREAKABLE GLASS FOR PLATES FOR LIFTS/EMERGENCIES

Code	For plates	Pack. Carton.
GW 32 457	GW32450 GW32451 GW32452 GW32453	1/10

ACCESSORIES AND SPARE PARTS



MINIATURE LAMPS WITH WIRED LEAD

Code	Lamp voltage	Lamp power	Lamp	Light emitted	Pack. Carton.
GW 30 951	12V ac/dc	0.4 W	Incandescence	White	50
GW 30 952	24V ac/dc	0.8 W	Incandescence	White	50
GW 30 943	230V ac	0.4 W	Fluorescent	Red	50
GW 30 945	110V ac/dc	0.8 W	Fluorescent	White	50

GW30958



SIGNALLING UNIT FOR INTEGRITY OF EMERGENCY CIRCUIT - WITH LEDS

Code	Lamp voltage	Lamp	Light emitted	Pack. Carton.
GW 30 958	12-24V ac/dc	Led	Green	10
GW 30 959	110-230V ac/dc	Led	Green	10
GW 30 960	48V ac/dc	Led	Green	10

GW74201



CONTACTS - ITH 10A - 240V~

Code	Type	Category of use 240V ac15	Category of use 240V dc13	Colour	Pack. Carton.
GW 74 201	1 NO	3 A	0,27 A	Green	10/60
GW 74 202	1 NC	3 A	0,27 A	Red	10/60

CHARACTERISTICS: GW74202, suitable for opening the contact also in the event of it slightly sticking, in conformity with the EN 60947-5-1 standard. Mounting on the contact flanges snaps into place. Contacts compatible with emergency control unit GW42201.

GW40422



CYLINDER SECURITY LOCK

Code	Suitable for	Pack. Carton.
GW 40 422	Plates for lift/emergency	1/10

ACCESSORIES SUPPLIED: 2 keys. all the keys are supplied with a standardised code.

NOTES: all the keys and locks supplied are standard, so the key can open all the locks with the same product code.

GW48644



WATERTIGHT CYLINDRICAL SECURITY LOCK

Code	For enclosures	Material	Pack. Carton.
GW 48 644	48 PTC and 42 RV range	Pressure die-cast metal	1/10

ACCESSORIES SUPPLIED: 2 keys. All the keys are supplied with a standardised code.

NOTES: all the keys and locks supplied are standard, so the key can open all the locks with the same product code.

GW48645



KIT OF 4 LONG SELF-TAPPING SCREWS WITH SPACERS TO SECURE LIDS AND FRONTS

Code	Screw dim. (mm)	Spacer thickness (mm)	Pack. Carton.
GW 48 645	Ø 4x45	max 10 mm reducible	1/100

CHARACTERISTICS: the kit can also be used for the following flush-mounting ranges: CD/CDK (starting from 6 modules), 48 CM and 42 RV.

GW44621



WALL FIXING BRACKET, COMPLETE WITH SELF-TAPPING SCREWS

Code	Suitable for	Characteristics	Pack. Carton.
GW 44 621	Enclosures 42 RV wall range	Halogen Free	40/480

APPLICATIONS: used to restore the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.

GW44622



SCREWCAPS IN INSULATING MATERIAL

Code	Description	For enclosures	Characteristics	Pack. Carton.
GW 44 622	Screwcap Ø16mm	GW42201	Halogen Free	10/100
GW 44 623	Screwcap Ø25mm	from GW42202 to GW42208	Halogen Free	10/100

APPLICATIONS: used to restore the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.

GW40423



4.5 MODULES COVER - COLOUR WHITE

Code	No. of modules EN 50022	Colour	Characteristics	Pack. Carton.
GW 40 423	4.5	Grey RAL 7035	Halogen Free	50

42 RV RANGE

42 TV range

Multifunctional supporting bases

Multifunctional surface- and floor-mounting supporting bases.


- Double-sided panel with alveolar structure on the front and smooth structure on the back.
- Panel that may be hinged from both sides.
- Back-mounting plates may be provided as accessories.
- Combined use.
- Halogen-free technopolymer.





42 TV RANGE

MULTIFUNCTIONAL SUPPORTING BASES



42 TV RANGE

SUPPORT BASES				
Code	External dimensions LxHxD (mm)	Input number	Input diameter	
	GW 42 001	200x150x40	16	Ø 20.5
	GW 42 002	200x150x60	12	
	GW 42 003	200x150x80	12	
	GW 42 004	300x200x40	16	
	GW 42 005	300x200x60	16	Ø 23/29
	GW 42 006	300x200x80	16	
	GW 42 007	300x200x120	16	
	GW 42 008	400x300x60	22	
	GW 42 009	400x300x80	22	
	GW 42 010	400x300x120	22	

BACK-MOUNTING PLATES		
METAL	INSULATING	Dimensions LxH (mm)
		
GW 44 615	GW 44 625	190 x 140
GW 44 615	GW 44 625	
GW 44 615	GW 44 625	
GW 44 616	GW 44 626	240 x 190
GW 44 616	GW 44 626	
GW 44 616	GW 44 626	
GW 44 616	GW 44 626	
GW 44 617	GW 44 627	300 x 220
GW 44 617	GW 44 627	
GW 44 617	GW 44 627	

	GW 68 441	200x295x180	-	-
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SOCKET-OUTLETS IB 16/32 A				
vertical 67 IB with bottom IP67 - SBF - CBF - AUTOMATIKA (MT)	Combibloc IP44/55		horizontal 44 IB with bottom IP44	
	Without bottom	With bottom	Without fuse-holder base	With fuse-holder base
				
They can only be installed in the high part of the support base				

Q-DIN 5	27 COMBI IP55
	GW 68 227 N GW 68 212 N GW 68 017 N
	 Until version with 12 gangs

DISTRIBUTION TOWER AND BOARDS

INSTALLATION min -5°C max +60°C 	5 J EN 62262	GWT 650°C EN 60695-2-11	TP 70°C EN 60695-10-2	CLASSE II EN 61140
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SURFACE-MOUNTING DISTRIBUTION BOARDS - IP41

GW42002



BOARDS WITH REVERSIBLE DOOR - SMOOTH AND HONEYCOMB SURFACE - GREY RAL 7035



Code	Outer dim. LxHxD (mm)	No. input	Characteristics	Pack. Carton.
GW 42 001	200 x 150 x 40	Ø 20,5 = 16	Halogen free	32
GW 42 002	200 x 150 x 60	Ø 20,5 = 12 Ø 20,5/23 = 4	Halogen free	44
GW 42 003	200 x 150 x 80	Ø 20,5 = 12 Ø 20,5/23 = 4	Halogen free	32
GW 42 004	300 x 200 x 40	Ø 20,5 = 16	Halogen free	16
GW 42 005	300 x 200 x 60	Ø 23/29 = 16	Halogen free	21
GW 42 006	300 x 200 x 80	Ø 23/29 = 16	Halogen free	16
GW 42 007	300 x 200 x 120	Ø 23/29 = 16	Halogen free	10
GW 42 008	400 x 300 x 60	Ø 23/29 = 22	Halogen free	10
GW 42 009	400 x 300 x 80	Ø 23/29 = 22	Halogen free	8
GW 42 010	400 x 300 x 120	Ø 23/29 = 22	Halogen free	5

NOTES: to reset the double insulation, use the relative screwcaps supplied.

FLOOR MOUNTING AND WORKBENCH TOWER - IP55

GW68441



PILLAR WITH REVERSIBLE DOOR WITH SMOOTH AND HONEYCOMBED SURFACE COLOUR GREY RAL 7035



Code	Outer dim. LxHxD (mm)	Houseable IB socket-outlets	Mountable Q-DIN	Characteristics	Pack. Carton.
GW 68 441	200x295x180	Compact 16A/32A	Q-DIN 5	Halogen free	1/6

CHARACTERISTICS: opposing flanges with smooth and honeycomb surface to secure interlocked socket-outlets in the 67 IB range: Combibloc, horizontal back-mounting socket-outlets, vertical socket-outlets with back.

42 TV RANGE

COMPLEMENTARY ITEMS

GW26406



WATERPROOF COUPLER

Code	For holes mounting Ø (mm)	For mounting PG holes	Pack. Carton.
GW 26 406	23	16	25/250

GW44615



BACK-MOUNTING PLATE WITH SELF-TAPPING FIXING SCREWS

Code	For boxes LxH dim. (mm)	For distribution boards	Pack. Carton.
MATERIAL: GALVANIZED METAL			
GW 44 615	190 x 140	GW42001 - GW42002 - GW42003	20
GW 44 616	240 x 190	GW42004 - GW42005 - GW42006 - GW42007	20
GW 44 617	300 x 220	GW42008 - GW42009 - GW42010	20
MATERIAL: INSULATION			
GW 44 625	190 x 140	GW42001 - GW42002 - GW42003	20
GW 44 626	240 x 190	GW42004 - GW42005 - GW42006 - GW42007	20
GW 44 627	300 x 220	GW42008 - GW42009 - GW42010	20

GW52402



CUP DRILL MILLING CUTTER TO DRILL PANELS

Code	Description	Pack. Carton.
GW 52 402	Cup drill milling Ø56	10

APPLICATIONS: suitable for low voltage flush-mounting socket-outlets IEC 309 2P+E 16A and for all the extra-low voltage flush-mounting socket-outlets IEC 309.

44 range

Junction and connection terminal blocks

Junction and connection terminal blocks for currents up to 160A, perfectly integrated with the GEWISS enclosure offer.


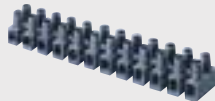
Four families:



- 44 MS Trailing and modular terminal blocks.
- 44 MM Multi-pole terminal blocks.
- 44 ME Single-pole equipotential terminal blocks.
- 44 MP Multi-pole distribution terminal blocks.



The versions with indirect tightening technology ensure reliable connections over time.












44

CONNECTION CAPACITY	44 MS - TRAILING AND MODULAR TERMINAL BLOCKS			
	MODULAR BARS TRAILING TERMINAL BLOCKS TRANSPARENT - IP20		12-POLE MODULAR TERMINAL BLOCKS WITH BRASS TERMINALS - BLACK	
		SCREW TYPE: SLOTTED		
2.5mm ²		GW 44 661		GW 44 601
4mm ²	GW 44 665	GW 44 602		
6mm ²	GW 44 662	GW 44 603		
10mm ²	GW 44 663	GW 44 604		
16mm ²	GW 44 664	GW 44 605		
	SCREW TYPE: HEXAGONAL			
25mm ²	GW 44 666			
35mm ²	GW 44 667			

CONNECTION CAPACITY	44 MM - MULTI-POLE TERMINAL BLOCKS			
	PRESS-ON FIXING MULTI-POLE TERMINAL BLOCKS - GREY RAL 7035		SCREW-ON FIXING MULTI-POLE FEEDTHROUGH TERMINAL BLOCKS - GREY RAL 7035	
				
3 poles x 4mm ²		GW 44 606		GW 44 609
3 poles x 6mm ²		GW 44 611		
3 poles x 16mm ²		GW 44 613		
4 poles x 4mm ²	GW 44 607			
5 poles x 4mm ²	GW 44 608			
5 poles x 6mm ²		GW 44 610		
5 poles x 16mm ²		GW 44 612		
5 poles x 35mm ²		GW 44 614		

CONNECTION CAPACITY	44 ME - SINGLE-POLE EQUIPOTENTIAL TERMINAL BLOCKS			
	SINGLE-POLE EQUIPOTENTIAL TERMINAL BLOCKS WITH INDIRECT PLATE-TIGHTENING - TRANSPARENT			
				
4-way x 6mm ²			GW 44 704	
6-way x 6mm ²			GW 44 706	
8-way x 6mm ²		GW 44 708		
SINGLE-POLE EQUIPOTENTIAL TERMINAL BLOCKS WITH INDIRECT SCREW-TIGHTENING - TRANSPARENT				
3-way x 6mm ²			GW 44 671	
5-way x 6mm ²			GW 44 672	
4-way x 16mm ²			GW 44 673	
2-way x 16mm ² + 3-way x 6mm ²			GW 44 674	
2-way x 16mm ² + 9-way x 6mm ²			GW 44 675	
2-way x 35mm ² + 4-way x 16mm ²			GW 44 676	

CONNECTION CAPACITY	44 MP - MODULAR DISTRIBUTION TERMINAL BLOCKS				
		CODE	MAX. INPUT CONNECTION	MAX. OUTPUT CONNECTION	I _{cw} (1s)
	SINGLE-POLE MODULAR DIVIDER TERMINAL BLOCK				
In: 160A		GW 44 651	1x(10-70)mm ²	6x(2.5-16)mm ²	10 kA
TWO-POLE MODULAR DIVIDER TERMINAL BLOCKS WITH TRANSPARENT PROTECTION COVER					
In: 100A		GW 44 691	1x(6-35)mm ²	[1x(4-25)+ 5x(1.5-10)]mm ²	6 kA
In: 125A		GW 44 693	1x(6-35)mm ²	[2x(4-25)+ 2x(4-16) + 10x(1.5-10)]mm ²	6 kA
FOUR-POLE MODULAR DIVIDER TERMINAL BLOCKS WITH TRANSPARENT PROTECTION COVER					
In: 100A		GW 44 696	1x(6-35)mm ²	[1x(4-25)+ 5x(1.5-10)]mm ²	6 kA
In: 125A		GW 44 698	1x(6-35)mm ²	[2x(4-25)+ 2x(4-16) + 10x(1.5-10)]mm ²	6 kA
In: 160A		GW 44 699	1x(16-50)mm ²	[2x(10-35)+ 2x(6-25) + 8x(4-16)]mm ²	10 kA

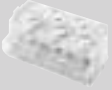








			COMPATIBILITY BETWEEN TERMINAL BLOCKS AND JUNCTION BOXES						
			44 MM RANGE - MULTI-POLE TERMINAL BLOCKS						
			Press-on fixing			Screw-on fixing with feedthrough terminals			
									
Type	Range	Dimensions (mm)	GW 44 606 3x4mm ²	GW 44 607 4x4mm ²	GW 44 608 5x4mm ²	GW 44 609 3x6mm ² GW 44 610 5x6mm ²	GW 44 611 3x16mm ² GW 44 612 5x16mm ²	GW 44 613 3x35mm ² GW 44 614 5x35mm ²	
CE 44 RANGE: SURFACE-MOUNTING JUNCTION BOXES	IP 44 	Ø65	•	•	•				
		Ø80	•	•	•	•			
		80 x 80	•	•	•	•			
	IP 55 - IP 56 	100 x 100	•	•	•	•		•	
		120 x 80	•	•	•	•		•	
		150 x 110					•	•	•
		190 x 140					•	•	•
		240 x 190					•	•	•
		300 x 220					•	•	•
		380 x 200					•	•	•
460 x 380					•	•	•		
48 RANGE: FLUSH-MOUNTING JUNCTION BOXES	48 PT DIN 	196 x 152				•	•	•	
		294 x 152				•	•	•	
		392 x 152				•	•	•	
		480 x 160				•	•	•	
		516 x 202				•	•	•	
		516 x 294				•	•	•	
	48 CM 	260 x 260				•	•		
		520 x 260				•	•		
	48 PT 	92 x 92				•	•		
		118 x 96				•	•		
		152 x 98				•	•		
		160 x 130				•	•	•	
		196 x 152				•	•	•	
		294 x 152				•	•	•	
		392 x 152				•	•	•	
		480 x 160				•	•	•	
		516 x 202				•	•	•	
		516 x 294				•	•	•	
	48 PTC 	138 x 169	•	•	•	•	•	•	
		308 x 169				•	•	•	
398 x 169					•	•	•		

• = Suitable

44 RANGE

44 RANGE

JUNCTION AND CONNECTION TERMINAL BLOCKS

			COMPATIBILITY BETWEEN TERMINAL BLOCKS AND JUNCTION BOXES								
			44 ME RANGE - MULTI-POLE EQUIPOTENTIAL TERMINAL BLOCKS								
			With indirect plate-tightening				With indirect screw-tightening				
											
Type	Range	Dimensions (mm)	GW 44 704 4-way x 6mm ²	GW 44 706 6-way x 6mm ²	GW 44 708 8-way x 6mm ²	GW 44 671 3-way x 6mm ²	GW 44 672 4-way x 6mm ²	GW 44 673 4-way x 16mm ² GW 44 674 (2x16)+(3x6) mm ²	GW 44 675 (2x16)+(9x6) mm ²	GW 44 676 (2x35)+(4x16) mm ²	
CE 44 RANGE: SURFACE-MOUNTING JUNCTION BOXES	IP 44 	Ø65	•	•		•					
		Ø80	•	•	•	•	•				
	IP 55 - IP 56 	80 x 80	•	•	•	•	•				
		100 x 100	•	•	•	•	•				
		120 x 80	•	•	•	•	•				
		150 x 110	•	•	•	•	•		•		•
		190 x 140	•	•	•	•	•		•	•	•
		240 x 190	•	•	•	•	•		•	•	•
		300 x 220	•	•	•	•	•		•	•	•
		380 x 200	•	•	•	•	•		•	•	•
460 x 380	•	•	•	•	•		•	•	•		
48 RANGE: SURFACE-MOUNTING JUNCTION BOXES	48 PT DIN 	196 x 152	•	•	•	•	•	•			
		294 x 152	•	•	•	•	•	•			
		392 x 152	•	•	•	•	•	•			
		480 x 160	•	•	•	•	•	•			
		516 x 202	•	•	•	•	•	•	•		
		516 x 294	•	•	•	•	•	•	•	•	
	48 CM  (with GW 44 682 adapter)	260 x 260	•	•	•	•	•	•	•		
		520 x 260	•	•	•	•	•	•	•		
	48 PT  (with GW 44 682 adapter)	92 x 92	•	•	•	•	•	•	•		
		118 x 96	•	•	•	•	•	•	•		
		152 x 98	•	•	•	•	•	•	•		
		160 x 130	•	•	•	•	•	•	•	•	
		196 x 152	•	•	•	•	•	•	•		
		294 x 152	•	•	•	•	•	•	•		
		392 x 152	•	•	•	•	•	•	•		
		480 x 160	•	•	•	•	•	•	•		
	516 x 202	•	•	•	•	•	•	•	•		
	516 x 294	•	•	•	•	•	•	•	•	•	
	48 PTC  (with adapter)	138 x 169	•	•	•	•	•	•	•	•	•
		308 x 169	•	•	•	•	•	•	•		
398 x 169		•	•	•	•	•	•	•			
48 PTC  (with GW 44 683 rail)	138 x 169	•	•	•	•	•	•	•	•		
	308 x 169	•	•	•	•	•	•	•	•		
	398 x 169	•	•	•	•	•	•	•	•		

• = Suitable

Note: the 44 ME range terminal blocks with indirect screw-tightening are mounted on plates or on the base of the boxes using the suitable GW 44 682 adapter.

For 48 PTC range boxes, on the other hand, article no. GW 44 683 is used.

The 44 ME range terminal blocks with indirect plate-tightening are mounted on the DIN rail of the 48 PT DIN boxes using the suitable GW 44 720 support.

44 MS - TRAILING AND MODULAR TERMINAL BLOCKS

GWT 850°C



EN 60695-2-11

TP 125°C



EN 60695-10-2

TRAILING TERMINALS BLOCKS

GW44665



MOBILE TERMINAL BLOCKS WITH MODULAR BUSBARS - 450V - T 85°C - TRANSPARENT - IP20

Code	Max. section flex. cables	Min. section flex. cables	No. poles per bar	Pack. Carton.
TYPE OF SCREW: SLOTTED				
GW 44 661	2,5 mm ²	1 mm ²	10	10/450
GW 44 665	4 mm ²	1,5 mm ²	10	10/450
GW 44 662	6 mm ²	2,5 mm ²	10	10/450
GW 44 663	10 mm ²	4 mm ²	10	10/300
GW 44 664	16 mm ²	6 mm ²	5	10/240
TYPE OF SCREW: SOCKET HEAD 5MM				
GW 44 666	25 mm ²	10 mm ²	1	5/150
GW 44 667	35 mm ²	16 mm ²	1	5/150

CHARACTERISTICS: GW44666 and GW44667 supplied in single terminals.

MODULAR TERMINAL BLOCKS

GW44601



POLYMER 12 POLE MODULAR TERMINAL BLOCKS WITH BRASS TERMINALS - 450V - T 85°C - BLACK

Code	Max. section flex. cables	Min. section flex. cables	hole Ø	Max load	Outer dim. LxHxD (mm)	Fixing	Pack. Carton.
GW 44 601	2,5 mm ²	0,75 mm ²	2.9 mm	24 A	95x15x16	With screw	10/480
GW 44 602	4 mm ²	1,5 mm ²	3.4 mm	32 A	117x17x20	With screw	10/240
GW 44 603	10 mm ²	4 mm ²	4.4 mm	57 A	141x20x23	With screw	10/160
GW 44 604	16 mm ²	6 mm ²	5.8 mm	76 A	172x25x32	With screw	10/120
GW 44 605	25 mm ²	10 mm ²	7.4 mm	101 A	210x34x38	With screw	3/36

44 RANGE

JUNCTION AND CONNECTION TERMINAL BLOCKS

44 MM - MULTI-POLE TERMINAL BLOCKS

GWT 850°C



EN 60695-2-11

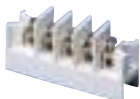
TP 125°C



EN 60695-10-2

PRESS-ON FIXING

GW44608



PRESS-ON MULTI-POLE TERMINAL BLOCKS - 450 V - GREY RAL 7035

Code	Connecting capacity	Pack. Carton.
GW 44 606	3 holes x 4 mm ²	10/100
GW 44 607	4 holes x 4 mm ²	10/100
GW 44 608	5 holes x 4 mm ²	10/100

NOTES: press-on fixing on 44 CE range boxes.
(see "Selection Guide" synoptic table).

SCREW-ON FIXING

GW44610



SCREW-ON FEEDTHROUGH MULTI-POLE TERMINAL BLOCKS - - 750V- T 85°C - GREY RAL 7035

Code	Connecting capacity	Pack. Carton.
GW 44 609	3 holes x 6 mm ²	10/100
GW 44 610	5 holes x 6 mm ²	10/100
GW 44 611	3 holes x 16 mm ²	10/100
GW 44 612	5 holes x 16 mm ²	10/100
GW 44 613	3 holes x 35 mm ²	1/10
GW 44 614	5 holes x 35 mm ²	1/10

APPLICATIONS: for joining main cables, ensuring continuity of outer sheathing.
ACCESSORIES SUPPLIED: fixing screws.

44 ME - UNIPOLAR EQUIPOTENTIAL TERMINAL BLOCKS

GWT 850°C



EN 60695-2-11

TP 125°C



EN 60695-10-2

TERMINAL BLOCKS FOR SIDE-BY-SIDE ASSEMBLY

GW44706



TERMINAL BLOCKS WITH INDIRECT PLATE TIGHTENING - 450V - T 85°C - TRANSPARENT

Code	Connection capacity	Pack. Carton.
GW 44 704	4 ways x 6 mm ²	10/100
GW 44 706	6 ways x 6 mm ²	10/100
GW 44 708	8 ways x 6 mm ²	10/100

APPLICATIONS: embedded fixing on the GW44720 support, for coupling with the DIN rail.

NOTES: for the connection capacity, refer to the technical catalogue

ACCESSORIES FOR TERMINAL BLOCKS FOR SIDE-BY-SIDE ASSEMBLY

GW44720



SUPPORT FOR FIXING SIDE-BY-SIDE TERMINAL BLOCKS ON DIN RAIL

Code	For equipot. term.blocks	Terminal block fixing	Fixing on DIN rail	Pack. Carton.
GW 44 720	GW44704, GW44706, GW44708	Snap fit	Lock-joint	1/50

NOTES: ideal for applications on boxes of the 48 PT DIN range. Modular size: 4,5M.

CHARACTERISTICS: supports a combination of terminal blocks with maximum 12-way capacity (possible combinations: 3xGW44704; 2xGW44706; 1xGW44704 + 1xGW44706; 1xGW44704 + 1xGW44708).

MODULAR TERMINAL BLOCKS

GW44671



SINGLE-POLE EQUIPOTENTIAL TERMINAL BLOCKS WITH BLANKET GRIP - 450V - T 85°C - TRANSPARENT

Code	Connection capacity	Pack. Carton.
GW 44 671	3 ways x 6 mm ²	10/100
GW 44 672	5 ways x 6 mm ²	10/100
GW 44 673	4 ways x 16 mm ²	10/50
GW 44 674	2 ways x 16mm ² + 3 ways x 6 mm ²	10/50
GW 44 675	9 ways x 6 mm ² + 2 ways x 16 mm ²	5/25
GW 44 676	2 ways x 35 mm ² + 4 ways x 16 mm ²	1/10

APPLICATIONS: particularly suitable for creating equipotential nodes.

ACCESSORIES SUPPLIED: self-adhesive label for identification of electrical lines.

NOTES: GW44676 equipped with feedthrough terminals. For joining main cables, ensuring continuity of outer sheathing.

ACCESSORIES

GW44681



SUPPORT FOR FIXING EQUIPOTENTIAL TERMINAL BLOCKS ON RAIL DIN

Code	For equipot. term.blocks	Terminal block fixing	Pack. Carton.
GW 44 681	All types	Snap fit	100

GW44682



ADAPTOR FOR FIXING EQUIPOTENTIAL TERMINAL BLOCKS

Code	For equipot. term.blocks	Terminal block fixing	Pack. Carton.
GW 44 682	All types	Lock-joint	200

APPLICATIONS: it permits the equipotential terminal blocks to be fixed on plates or directly on the bases inside the junction boxes and watertight boxes.

ACCESSORIES SUPPLIED: screws for fixing the adaptor.

GW44683



RAIL FOR FIXING EQUIPOTENTIAL TERMINAL BLOCKS IN PTC FLUSH-MOUNTING MODULAR BOXES

Code	Installable term.blocks	Pack. Carton.
GW 44 683	2xGW44671, 4xGW44673, 3xGW44672, 2xGW44674, 1xGW44675	1/50

CHARACTERISTICS: 1 compartment wide. For applications with PTC boxes with 2 and 3 compartments, the rail is fixed on the dividers GW48024.

44 RANGE

JUNCTION AND CONNECTION TERMINAL BLOCKS

44 MP - MODULAR DISTRIBUTING FRAME TERMINAL BLOCKS

GWT 850°C



EN 60695-2-11

TP 125°C



EN 60695-10-2

SINGLE-POLE

GW44651



SINGLE-POLE MODULAR DIVIDER TERMINAL BLOCK FIXING ON PLATE OR ON EN 50022 RAIL - IP20

Code	Outer dim. LxHxD (mm)	No. of modules EN 50022	Input connecting capacity	Output connecting capacity	Icw (1s)	Pack. Carton.
RATED CURRENT (A): 160						
GW 44 651	35x92x49	2	1x(10-70) mm ²	6x(2,5-16) mm ²	10 kA	1/5

CHARACTERISTICS: terminal grip torque: cable entering 4Nm, cables exiting 1.5Nm.

APPLICATIONS: possibility to create 1, 2, 3 and 4-pole distributing frames.

GW44652



RIGID JUMPER KIT AND CAP FOR ONE-POLE TERMINAL BLOCK GW44651

Code	Description	Pack. Carton.
GW 44 652	Jumper kit	1/25

TWO-POLE

GW44691



TWO-POLE MODULAR DIVIDER TERMINAL BLOCKS WITH TRANSPARENT PROTECTION COVER FIXING ON PLATE OR EN 50022 RAIL - 750V - T 85°C

Code	Outer dim. LxHxD (mm)	No. of modules EN 50022	Input connecting capacity	Output connecting capacity	Icw (1s)	Pack. Carton.
RATED CURRENT (A): 100						
GW 44 691	70x49x50	4	1x(6-35) mm ²	[1x(4-25) + 5x(1,5-10)] mm ²	6 kA	2/20
RATED CURRENT (A): 125						
GW 44 693	141x49x50	8	1x(6-35) mm ²	[2x(4-25) + 2x(4-16) + 10x(1,5-10)] mm ²	6 kA	1/10

CHARACTERISTICS: the indicated connection capacity is "per pole" and refers to the fitting of cables with "test prods".

NOTES: products bearing the IMQ quality mark.

FOUR-POLE

GW44696



FOUR-POLE MODULAR DIVIDING TERMINAL BLOCKS WITH TRANSPARENT PROTECTION COVER FIXING ON PLATE OR EN 50022 RAIL - 750V - T 85°C

Code	Outer dim. LxHxD (mm)	No. of modules EN 50022	Input connecting capacity	Output connecting capacity	Icw (1s)	Pack. Carton.
RATED CURRENT (A): 100						
GW 44 696	70x88,5x50	4	1x(6-35) mm ²	[1x(4-25) + 5x(1,5-10)] mm ²	6 kA	2/20
RATED CURRENT (A): 125						
GW 44 698	141x88,5x50	8	1x(6-35) mm ²	[2x(4-25) + 2x(4-16) + 10x(1,5-10)] mm ²	6 kA	1/10
RATED CURRENT (A): 160						
GW 44 699	185x75x135	10	1x(16-50) mm ²	[2x(10-35) + 2x(6-25) + 8x(4-16)] mm ²	10 kA	1/6

CHARACTERISTICS: terminal tightening torque: input cables 4 Nm, output cables 1.5 Nm. The indicated connection capacity is "per pole" and refers to the fitting of cables with "test prods".

NOTES: products bearing the IMQ quality mark.

①=May 2010

②=June 2010

③=September 2010

52 FS range

Ties

Products that are fundamental for the safe operation of electric systems.


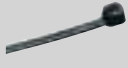




6 families, in versions for wiring and for outdoors.

- L.T.R. versions with double head, guaranteeing the seal even under extremely heavy duty conditions.
- Special fixing equipment.
- Halogen-free materials.



52 FS RANGE

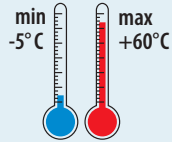
TIES

CABLE TIES							OUTDOOR TIES		
Dimensions LxH (mm)	Tightening capacity Ø (mm)	STANDARD TYPE	FOR HEAVY DUTY	RE-OPENABLE	WITH EYELET	WITH PLATE	Dimensions LxH (mm)	Tightening capacity Ø (mm)	TIES L.T.R.
2.4x75	1.5 - 18						6 x 115	5 - 25	
2.5x96	1.5 - 23	GW 52 231	GW 52 251	-	-	-	6 x 180	9 - 45	GW 52 201
2.5x100	1.5 - 25	GW 52 232	GW 52 252	-	-	-	6 x 290	20 - 78	GW 52 202
2.5x100	1.5 - 25	-	-	-	GW 52 281	-	6 x 290	20 - 78	GW 52 203
2.5x110	5 - 25	-	-	-	-	GW 52 291	9 x 180	10 - 40	GW 52 204
2.5x110	1.5 - 25	-	-	-	-	GW 52 292	9 x 265	26 - 60	GW 52 205
2.5x140	1.5 - 35	GW 52 233	GW 52 253	-	-	-	9 x 360	26 - 93	GW 52 206
2.5x200	10 - 50	-	-	-	-	GW 52 293	9 x 510	70 - 140	GW 52 207
2.5x203	1.5 - 55	GW 52 234	GW 52 254	-	-	-	9 x 760	70 - 220	GW 52 208
3.6x150	2.5 - 39	GW 52 235	GW 52 255	-	-	-			
3.6x203	2.5 - 55	GW 52 236	GW 52 256	-	-	-			
3.6x292	2.5 - 85	GW 52 237	GW 52 257	-	-	-			
4.2x205	2.5 - 60	-	-	-	GW 52 282	-			
4.6x200	10 - 50	-	-	-	-	GW 52 294			
4.8x190	3 - 52	GW 52 238	GW 52 258	-	-	-			
4.8x280	3 - 81	GW 52 239	GW 52 259	-	-	-			
4.8x368	3 - 182	GW 52 240	GW 52 260	-	-	-			
7.6x100	4 - 35	-	-	GW 52 271	-	-			
7.6x200	4 - 50	-	-	GW 52 272	-	-			
7.6x300	4 - 80	-	-	GW 52 273	-	-			
7.6x380	4 - 110	GW 52 241	GW 52 261	-	-	-			
9.0x610	5 - 185	GW 52 242	GW 52 262	-	-	-			
9.0x914	5 - 270	GW 52 243	GW 52 263	-	-	-			

52 FS RANGE

CABLE TIES

INSTALLATION



GWT 650°C



EN 60695-2-11

STANDARD TYPE

GW52231



STANDARD CABLE TIES IN COLOURLESS POLYMER



Code	Dimensions LxH (mm)	Terminal grip capacity Ø	Characteristics	Pack. Carton.
GW 52 231	2,4x75	1.5 - 18 mm	Halogen free	1000/20000
GW 52 232	2,5x96	1.5 - 23 mm	Halogen free	1000/20000
GW 52 233	2,5x140	1.5 - 35 mm	Halogen free	100/10000
GW 52 234	2,5x203	1.5 - 55 mm	Halogen free	100/10000
GW 52 235	3,6x150	2.5 - 39 mm	Halogen free	100/10000
GW 52 236	3,6x203	2.5 - 55 mm	Halogen free	100/10000
GW 52 237	3,6x292	2.5 - 85 mm	Halogen free	100/5000
GW 52 238	4,8x190	3 - 52 mm	Halogen free	100/5000
GW 52 239	4,8x280	3 - 81 mm	Halogen free	100/5000
GW 52 240	4,8x368	3 - 182 mm	Halogen free	100/5000
GW 52 241	7,6x380	4 - 110 mm	Halogen free	100/1000
GW 52 242	9,0x610	5 - 185 mm	Halogen free	50/500
GW 52 243	9,0x914	5 - 270 mm	Halogen free	50/500

CHARACTERISTICS: sloping tail and rounded edges.

HEAVY-DUTY

GW52251



HEAVY DUTY WIRING TIES - BLACK POLYMER



Code	Dimensions LxH (mm)	Terminal grip capacity Ø	Characteristics	Pack. Carton.
GW 52 251	2,4x75	1.5 - 18 mm	Halogen free	1000/20000
GW 52 252	2,5x96	1.5 - 23 mm	Halogen free	1000/20000
GW 52 253	2,5x140	1.5 - 35 mm	Halogen free	100/10000
GW 52 254	2,5x203	1.5 - 55 mm	Halogen free	100/10000
GW 52 255	3,6x150	2.5 - 39 mm	Halogen free	100/10000
GW 52 256	3,6x203	2.5 - 55 mm	Halogen free	100/10000
GW 52 257	3,6x292	2.5 - 85 mm	Halogen free	100/5000
GW 52 258	4,8x190	3 - 52 mm	Halogen free	100/5000
GW 52 259	4,8x280	3 - 81 mm	Halogen free	100/5000
GW 52 260	4,8x368	3 - 102 mm	Halogen free	100/5000
GW 52 261	7,6x380	4 - 110 mm	Halogen free	100/1000
GW 52 262	9,0x610	5 - 185 mm	Halogen free	50/500
GW 52 263	9,0x914	5 - 270 mm	Halogen free	50/500

CHARACTERISTICS: sloping tail and rounded edges.

RE-OPENABLE

GW52271



REOPENABLE CABLE TIES IN BLACK POLYMER



Code	Dimensions LxH (mm)	Terminal grip capacity Ø	Characteristics	Pack. Carton.
GW 52 271	7,6x150	4 - 35 mm	Halogen free	100/1000
GW 52 272	7,6x200	4 - 50 mm	Halogen free	100/1000
GW 52 273	7,6x300	4 - 80 mm	Halogen free	100/1000

WITH EYELET

GW52281



CABLE TIES WITH EYELET IN COLOURLESS POLYMER



Code	Dimensions LxH (mm)	Hole dimensions (mm)	Terminal grip capacity Ø	Characteristics	Pack. Carton.
GW 52 281	2,5x100	4,8	1.5 - 25 mm	Halogen free	100/5000
GW 52 282	4,2x205	4,8	2.5 - 60 mm	Halogen free	100/2000

CHARACTERISTICS: sloping tail and rounded edges.

WITH PLATE

GW52291



CABLE TIES WITH IDENTIFICATION TAG IN COLOURLESS POLYMER



Code	Dimensions LxH (mm)	Terminal grip capacity Ø	Label	Characteristics	Pack. Carton.
GW 52 291	2,5x100	5 - 25 mm	25 x 8 crossways	Halogen free	100/5000
GW 52 292	2,5x110	1.5 - 25 mm	25 x 8 double-sided	Halogen free	100/5000
GW 52 293	2,5x200	10 - 50 mm	30 x 15 crossways	Halogen free	100/2000
GW 52 294	4,6x200	10 - 50 mm	28 x 13 lengthways	Halogen free	100/2000

CHARACTERISTICS: sloping tail and rounded edges.

COMPLEMENTARY ITEMS

GW52227



TWO-WAY SELF-ADHESIVE BASES IN COLOURLESS POLYMER TO SECURE CABLE TIES



Code	Description	Outer dim. LxHxD (mm)	Characteristics	Pack. Carton.
GW 52 226	For ties up to 4.5mm	19 x 3,9 x 19	Halogen free	100/3000
GW 52 227	For ties up to 5mm	28 x 4,0 x 28	Halogen free	100/3000

USE: use the self-adhesive clips for non heavy-duty applications only.

In all other cases where it is necessary to guarantee the hold, use the special supports.

NOTES: to install the product correctly, fix the clip on a smooth, clean, dry surface, with a maximum distance of 10cm between the clips, and place on a horizontal surface with the self-adhesive part facing downwards.

GW52229



COLOURLESS POLYMER SADDLES TO SECURE CABLE TIES



Code	Description	Outer dim. LxHxD (mm)	Characteristics	Pack. Carton.
GW 52 228	For ties up to 5mm	15 x 7 x 10	Halogen free	100/3000
GW 52 229	For ties up to 9mm	23 x 9 x 16	Halogen free	100/3000

CHARACTERISTICS: screw fixing.

GW52410



TIE TOOL

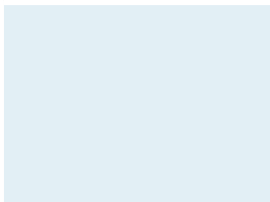
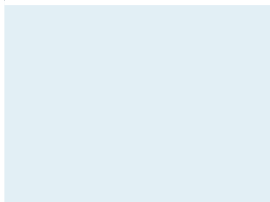
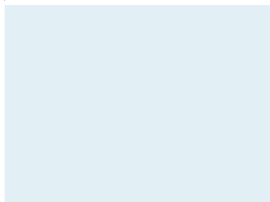
Code	Suitable for	Pack. Carton.
GW 52 410	Cable ties	1/10

OUTDOOR TIES

INSTALLATION
min -25°C max +60°C

GWT 650°C

EN 60695-2-11



L.T.R. TIES



OUTDOOR BLACK TIES IN L.T.R. POLYAMIDE 12



Code	Dimensions LxH (mm)	Number of heads	Tensile strength (daN)	Terminal grip capacity Ø	Characteristics	Pack. Carton.
GW 52 201	6x115	1	24.5	5 - 25 mm	Halogen free	100/4000
GW 52 202	6x180	1	24.5	9 - 45 mm	Halogen free	100/3000
GW 52 203	6x290	1	24.5	20 - 78 mm	Halogen free	100/1000
GW 52 204	9x180	1	36	10 - 40 mm	Halogen free	100/3000
GW 52 205	9x265	2	50	26 - 60 mm	Halogen free	100/1200
GW 52 206	9x360	2	50	26 - 93 mm	Halogen free	100/1000
GW 52 207	9x510	2	53	70 - 140 mm	Halogen free	100/500
GW 52 208	9x760	2	53	70 - 220 mm	Halogen free	100/500

DaN = Decanewton (around 1 kg).

L. T. R. (Low Temperature Resistance): high resistance to tensile stress at low temperatures.

CHARACTERISTICS: Traction resistance values referring to T=20°C in compliance with the CEI EN 50146 standard.

COMPLEMENTARY ITEMS



SHOCKPROOF POLYMER SADDLES TO SECURE OUTDOOR CABLE TIES



Code	Description	Characteristics	Pack. Carton.
GW 52 209	Screw support	Halogen free	100/3000
GW 52 210	Wall plug base	Halogen free	100/3000

CHARACTERISTICS: GW52209 can be installed with Ø 4.8 mm self-tapping screws.

GW52210 can be installed with Ø 8 mm holes in hard materials (e.g. concrete) and Ø 7 mm in soft materials (e.g. hollow brick).



TIE TOOL

Code	Suitable for	Pack. Carton.
GW 52 411	Outdoor ties	1/10

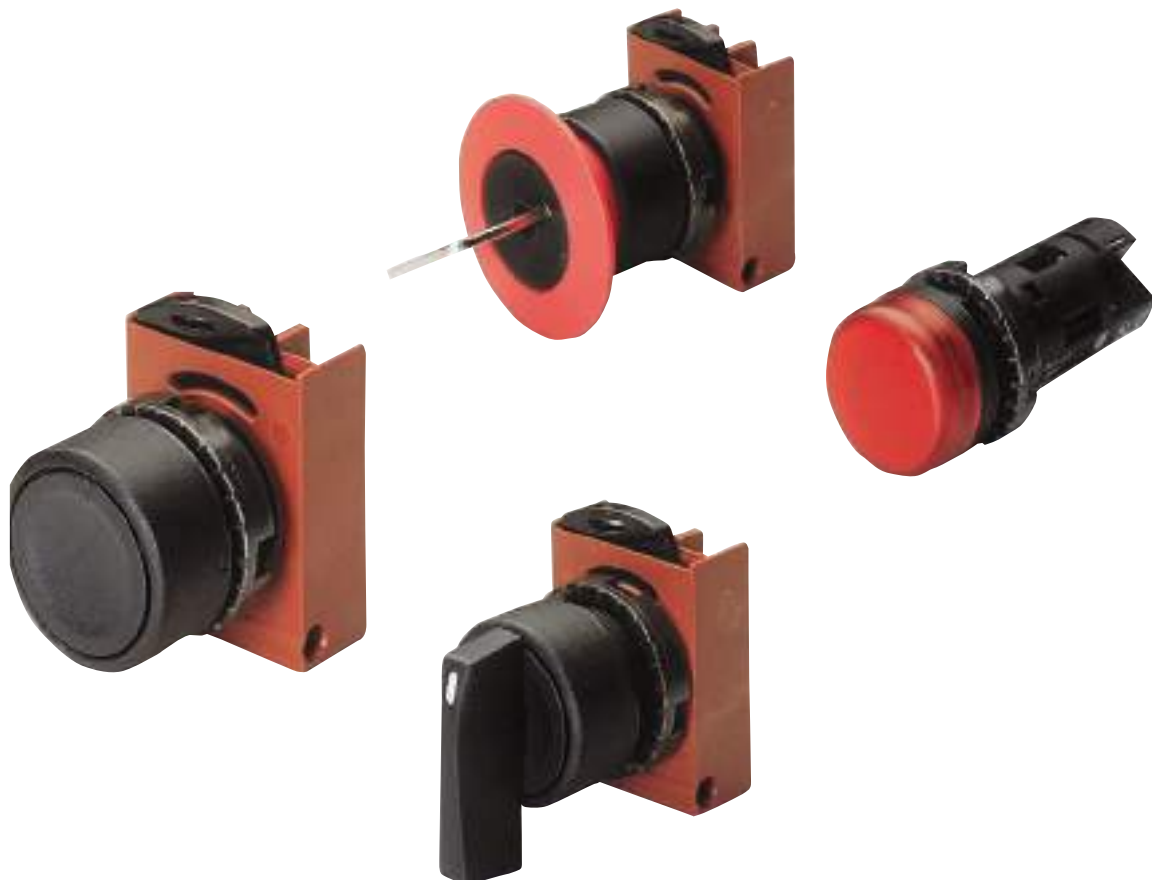
52 FS RANGE

74 PS range

Push-buttons, selectors and indicators Ø 22mm




Push-buttons, selectors, indicators and 22mm diameter pre-drilled technopolymer enclosures. Ideal for the creation of signalling and control units meeting the most varied requirements in the industrial environment.




- Momentary and emergency push-buttons.
- 6 types of enclosures from 1 to 12 positions.
- Versions already equipped with push-buttons and contacts.
- ATEX-version box command devices.







74 PS RANGE


PUSH-BUTTONS, SELECTORS AND INDICATORS Ø 22 MM

Colour	MOMENTARY ROUND PUSH-BUTTONS					
	With guard		Without guard		With backlit guard	
Green	GW 74 001		-		GW 74 041	
Black	GW 74 002		GW 74 012			
White	GW 74 003		-			
Red	GW 74 004		GW 74 011			

Mushroom dim.	ROUND MUSHROOM-HEAD EMERGENCY PUSH-BUTTONS					
	With holding		With holding and key		Without holding	
Ø40	GW 74 061		GW 74 062		GW 74 063	

Positions	ROUND SELECTORS					
	Lever-type with fixed positions		Removable-key type with fixed positions		Lever type with return position	
0 - 1	GW 74 101		GW 74 111		GW 74 121	
1 - 0 - 2	GW 74 102		GW 74 112		GW 74 122	

Colour	LUMINOUS INDICATORS	
	With direct supply	
Green	GW 74 151	
Red	GW 74 152	
Yellow	GW 74 153	
Light blue	GW 74 154	
White	GW 74 155	

Type	COMPLEMENTARY ITEMS		
	Contacts	5-seat flange	
NO - Green	GW 74 201		GW 74 203
NC - Red	GW 74 202		

Indicator lights Ø 22	COMPLETE CONTAINERS			
	With guard	No. gangs	Contacts	Dimensions (LxHxD) mm
Generic (black)	GW 27 201	1	1 NO	66x82x65
Emergency (red)	GW 27 202	1	1 NO 1 NC	66x82x65
Start (green) Stop (red)	GW 27 203	2	1 NO 1 NC	132x82x65
Start (green) Stop (red) Signalling (white)	GW 27 204	3	1 NO 1 NC	66x171x65

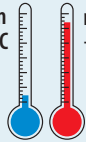
No. gangs	EMPTY CONTAINERS			
	Code	Side entries	Top / Bottom entries	Dimensions (LxHxD) mm
1	GW 27 101	2 x Ø 23	2 x Ø 23	66x82x65
1	GW 27 111*	2 x Ø 23	2 x Ø 23	66x82x65
2	GW 27 102	6 x Ø 23	2 x Ø 23	132x82x65
3	GW 27 103	4 x Ø 23	2 x Ø 23	66x171x65
6	GW 27 104	4 x Ø 23	6 x Ø 23	132x171x65
12	GW 27 105	4 x Ø 23	6 x Ø 23	264x171x65

(*) GW 27 111: yellow lid and grey base - Specific for emergency push-buttons.

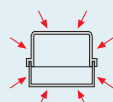
OPERATORS Ø 22 MM - IP66

INSTALLATION

min -15°C max +60°C



IP66



EN 60529

MOMENTARY PUSH-BUTTONS

GW74002



MOMENTARY PUSH-BUTTONS WITH ROUND GUARD

Code	Colour	Pack. Carton.
GW 74 001	Green	10/60
GW 74 002	Black	10/60
GW 74 003	White	10/60
GW 74 004	Red	10/60

APPLICATIONS: suitable for avoiding accidental activation, e.g. gates, tool machines, etc.

ACCESSORIES SUPPLIED: 3-seat flange (2 of which are contact-holders).

GW74011



MOMENTARY PUSH-BUTTONS WITHOUT ROUND GUARD

Code	Colour	Pack. Carton.
GW 74 011	Red	10/60
GW 74 012	Black	10/60

ACCESSORIES SUPPLIED: 3-seat flange (2 of which are contact-holders).

GW74041



MOMENTARY PUSH-BUTTONS WITH BACKLIT ROUND GUARD

Code	Colour	Pack. Carton.
GW 74 041	Green	10/60
GW 74 042	White	10/60

APPLICATIONS: ideal for also viewing the user operating status without using supplementary indicator lamps.

ACCESSORIES SUPPLIED: 2-seat contact-holding flange + 1 seat for lampholder GW74211.

EMERGENCY PUSH-BUTTONS

GW74062



ROUND MUSHROOM-HEAD EMERGENCY BUTTONS

Code	Functions	Description	Pack. Carton.
GW 74 061	With holding	Mushroom head Ø 40	5/60
GW 74 062	With holding and key	Mushroom head Ø 40	5/30
GW 74 063	Without holding	Mushroom head Ø 40	5/60

ACCESSORIES SUPPLIED: 3-seat flange (2 of which are contact-holders).

NOTES: all the keys are supplied with a standardised code.

74 PS RANGE

PUSH-BUTTONS, SELECTORS AND INDICATORS Ø 22 MM

SELECTORS

GW74101



ROUND LEVER SELECTOR WITH FIXED POSITIONS

Code	No. positions	Type	Pack. Carton.
GW 74 101	2	0 - 1	10/60
GW 74 102	3	1 - 0 - 2	10/60

CHARACTERISTICS: operator in thermoplastic material.
ACCESSORIES SUPPLIED: 3-seat flange (2 of which are contact-holders).

GW74111



KEY SELECTORS WITH FIXED POSITIONS AND REMOVABLE KEY ON POSITION -O- ROUND

Code	No. positions	Type	Pack. Carton.
GW 74 111	2	0 - 1	5/30
GW 74 112	3	1 - 0 - 2	5/30

CHARACTERISTICS: operator in thermoplastic material.
ACCESSORIES SUPPLIED: 3-seat flange (2 of which are contact-holders).
NOTES: all the keys are supplied with a standardised code.

GW74121

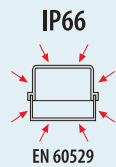
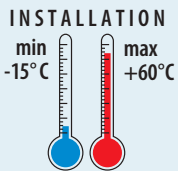


ROUND LEVER SELECTORS WITH -O- RETURN POSITION

Code	No. positions	Type	Pack. Carton.
GW 74 121	2	0 - 1	10/60
GW 74 122	3	1 - 0 - 2	10/60

CHARACTERISTICS: operator in thermoplastic material.
ACCESSORIES SUPPLIED: 3-seat flange (2 of which are contact-holders).

INDICATORS - IP66



INDICATORS

GW74152



ROUND BACKLIT INDICATORS WITH DIRECT SUPPLY NOMINAL VOLTAGE 230 V - BA9S LAMP FIXING

Code	Colour	Pack. Carton.
GW 74 151	Green	10/60
GW 74 152	Red	10/60
GW 74 153	Yellow	10/60
GW 74 154	Light blue	10/60
GW 74 155	White	10/60

CHARACTERISTICS: bulb excluded. Max bulb power 2W.
NOTES: the colour of the diffuser is to be chosen in conformity with the colour code recommended by IEC 60073 standard.

COMPLEMENTARY ITEMS

GW74201



CONTACTS - ITH= 10A - 250V~

Code	Type	Category of use 240V ac15	Category of use 240V dc13	Colour	Pack. Carton.
GW 74 201	1 NO	3 A	0,27 A	Green	10/60
GW 74 202	1 NC	3 A	0,27 A	Red	10/60

CHARACTERISTICS: GW74202, suitable for opening the contact also in the event of it slightly sticking, in conformity with the EN 60947-5-1 standard.
Mounting on the contact flanges snaps into place. Contacts compatible with emergency control unit GW42201.

GW74203



5-SEAT FLANGE

Code	Description	Pack. Carton.
GW 74 203	Flange with 5 seats 4 of which are contact-holders	1/60

APPLICATIONS: in place of the 3-seat flange supplied with push-buttons and selectors, it increases the number of contacts that can be installed.

GW74211



BULB POWER SUPPLY - NOMINAL VOLTAGE 380 V - BA9S LAMP FIXING

Code	Power supply	Lamp power	Pack. Carton.
GW 74 211	Direct	2 W	10/60

CHARACTERISTICS: mounting on the contact flanges snaps into place.

APPLICATIONS: to be used with the backlit momentary push-buttons with guard to make functional indications.

GW74217



BULBS - BA9S LAMP FIXING

Code	Type	Rated voltage	Lamp power	Pack. Carton.
GW 74 216	Incandescent	30 V	2 W	5/100
GW 74 217	Incandescent	130 V	2 W	5/100
GW 74 218	Fluorescent	230 V	0.33 W	5/100

APPLICATIONS: the lamps are to be used with the luminous indicators or with the supply GW74211.

GW74221



BLACK SCREWCAP FOR UNWIRED ENCLOSURES FOR PUSH-BUTTONS WITH A ROUND SHAPE - Ø 22 MM

Code	Colour	Pack. Carton.
GW 74 221	Black	10/100

CHARACTERISTICS: thermoplastic screw cap.

GW74222



PLATES

Code	Dimensions (mm)	Suitable for	Colour	Text	Pack. Carton.
GW 74 222	30x40	Push-buttons Indicators Selectors	Black	-	5/100
GW 74 223	Ø 59	Mushroom-head emergency button	Yellow	Emergency-Stop	5/100

GW74223 to be used when the emergency push-buttons are installed on panel.

CHARACTERISTICS: the plates allow the function of push-buttons, selectors or indicators to be assigned.

GW74224



TOOL FOR MOUNTING RING NUTS

Code	Description	Pack. Carton.
GW 74 224	Tool for mounting ring nuts	1/50

GW74225



LAMP EXTRACTION TOOL

Code	Description	Pack. Carton.
GW 74 225	extraction tool Lamp	10/100

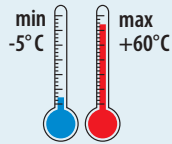
APPLICATIONS: suitable also for maintenance of ACS distribution board indicator lamps 68 Q-BOX range.

74 PS RANGE

PUSH-BUTTONS, SELECTORS AND INDICATORS Ø 22 MM

COMBI 22 - INSULATING ENCLOSURES FOR OPERATORS AND INDICATORS - IP66

INSTALLATION



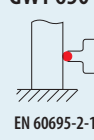
5 J



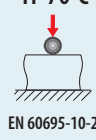
IP66



GWT 650°C



TP 70°C



ENCLOSURES

GW27101



UNWIRED ENCLOSURES FOR PUSH-BUTTONS, CONTROLS AND INDICATORS Ø 22 MM - GREY RAL 7035

Code	No. gangs	Side entries	Top entries	Bottom entries	Outer dim. LxHxD (mm)	Pack. Carton.
COLOUR: GREY RAL 7035						
GW 27 101	1	2 x Ø 23	1 x Ø 23	1 x Ø 23	66 x 82 x 65	5/60
GW 27 111	1	2 x Ø 23	1 x Ø 23	1 x Ø 23	66 x 82 x 65	5/60
GW 27 102	2	6 x Ø 23	1 x Ø 23	1 x Ø 23	132 x 82 x 65	2/30
GW 27 103	3	4 x Ø 23	1 x Ø 23	1 x Ø 23	66 x 171 x 65	1/20
GW 27 104	6	4 x Ø 23	3 x Ø 23	3 x Ø 23	132 x 171 x 65	1/10
GW 27 105	12	4 x Ø 23	3 x Ø 23	3 x Ø 23	264 x 171 x 65	1/10

CHARACTERISTICS: degree of protection ensured with IP66 operators correctly installed. Seat of hole with pre-cutting that allows the installation of operators with any reference. GW27111 with special yellow lid for the fitting of emergency push-buttons GW74061, GW74062, GW74063.

COMPLETE ENCLOSURES

GW27202



COMPLETE ENCLOSURES - GREY RAL 7035

Code	No. gangs	Contacts	Operators Ø 22	Outer dim. LxHxD (mm)	Pack. Carton.
GW 27 201	1	1 NO	General (black)	66 x 82 x 65	1/30
GW 27 202	1	1 NO 1 NC	Emergency (red)	66 x 82 x 65	1/30
GW 27 203	2	1 NO 1 NC	Start (green) Stop (red)	132 x 82 x 65	1/10
GW 27 204	3	1 NO 1 NC	Start, stop, indicator	66 x 171 x 65	1/10

CHARACTERISTICS: contact flange with 3 seats. Maximum protrusion of operator from the enclosure: GW27201, GW20203, GW27204 - 20 mm
GW27202 - 25 mm. GW27202, yellow lid, mushroom-head button with detent; GW27204, direct supply, BA95 coupling included max 380 V - 2 W, bulb excluded. Completed insulation according to IEC 536.

COMPLEMENTARY ITEMS

GW27402



JUNCTION BOX FOR COMBINED ASSEMBLY OF MODULAR CONTAINERS - GREY RAL 7035 - IP55

Code	No. knockout holes Ø23	Lid screws (no. and type)	Outer dim. LxHxD (mm)	Pack. Carton.
GW 27 402	8 on sides / 1 on the bottom	4 - Stainless steel	132 x 82 x 55	2/60

Complete insulation can be achieved with the use of GW44622 screwcaps.

GW26406



WATERPROOF COUPLER FOR ENCLOSURES, DEVICES AND BOXES - IP55

Code	For holes mounting Ø (mm)	For mounting PG holes	Pack. Carton.
GW 26 406	23	16	25/250

GW44622



INSULATING SCREW CAP

Code	Description	Pack. Carton.
GW 44 622	Screwcap Ø16mm	10/100

APPLICATIONS: used to restore the double insulation and the original IP degree of protection of the boxes, containers and other GEWISS products.

GW74201



CONTACTS - ITH = 10A - 250V~

Code	Type	Category of use 240V ac15	Category of use 240V dc13	Colour	Pack. Carton.
GW 74 201	1 NO	3 A	0,27 A	Green	10/60
GW 74 202	1 NC	3 A	0,27 A	Red	10/60

CHARACTERISTICS: GW74202 suitable for contact opening also in the event of slight sticking, in compliance with Standard EN 60947-5-1. Clip assembly on the contact-holder flanges. Contacts compatible with emergency enclosure GW42201.

①=May 2010

②=June 2010

③=September 2010

74 ATEX - COMMAND EQUIPMENT IN BOX - ZONE 22 (D)

FOR EMERGENCY

GW74232



EMERGENCY MUSHROOM PUSH-BUTTON IN ALUMINIUM BOX - GREY RAL 7037

Code	Type	Contacts	Pack. Carton.
GW 74 232	Red mushroom-head + hold	1 NC	1

CHARACTERISTICS: yellow label with "Emergency - Stop" inscription.

ACCESSORIES SUPPLIED: 1 ATEX M20 brass cable gland.

ATEX VERSIONS CLASSIFICATION: Ex tD A22 IP66 T85°C X

FOR OPERATING/STOPPING

GW74233



RUN/STOP PUSH-BUTTONS IN ALUMINIUM BOX - GREY RAL 7037

Code	Type	Contacts	Pack. Carton.
GW 74 233	Green Red with guard	Green NO and red NC	1

CHARACTERISTICS: NC contact suitable for opening also in the case of slight sticking, in compliance with standard EN 60947-5 -1.

Push-buttons protected with transparent silicone cap.

ACCESSORIES SUPPLIED: 1 ATEX M20 brass cable gland.

ATEX VERSIONS CLASSIFICATION: Ex tD A22 IP66 T85°C X

RK range














Rigid protective conduit systems





Conduits manufactured from top quality material, a guarantee of higher performance.






Conduits available in medium and heavy versions.

- Connectors and routing components meeting any installation requirements, with IP40 and IP67 degree of protection.
- Greatest integration with flexible conduit systems and junction boxes.
- Possibility of creating an entirely halogen-free system.
- Dedicated junction boxes with snap connectors.










Ø CONDUIT	RIGID CONDUITS								RK RANGE ROUTING COMPONENTS				
	IRL range		IRL/B range		RK 15 range		RKB range	RKHF range	RKM coupling IP40	RKS tight bend IP40	RKT inspectionable bend - IP40	RKE inspectionable bend - IP40	MM release coupling - IP67
													
16	DX 27 216	DX 27 316	DX 27 616	DX 27 716	DX 25 216	DX 25 316	DX 25 716	DX 26 216	DX 40 016	DX 40 116	DX 40 216	DX 40 316	DX 43 016
20	DX 27 220	DX 27 320	DX 27 620	DX 27 720	DX 25 220	DX 25 320	DX 25 720	DX 26 220	DX 40 020	DX 40 120	DX 40 220	DX 40 320	DX 43 020
25	DX 27 225	DX 27 325	DX 27 625	DX 27 725	DX 25 225	DX 25 325	DX 25 725	DX 26 225	DX 40 025	DX 40 125	DX 40 225	DX 40 325	DX 43 025
32	DX 27 232	DX 27 332	DX 27 632	DX 27 732	DX 25 232	DX 25 332	DX 25 732	DX 26 232	DX 40 032	DX 40 132	DX 40 232	DX 40 332	DX 43 032
40		DX 27 340		DX 27 740		DX 25 340	DX 25 740	DX 26 240	DX 40 040	DX 40 140			DX 43 040
50		DX 27 350		DX 27 750		DX 25 350	DX 25 750	DX 26 250	DX 40 050	DX 40 150			DX 43 050
63		DX 27 363		DX 27 763		DX 25 363	DX 25 763	DX 26 263	DX 40 063	DX 40 163			

DESCRIPTION	BOXES	IP54 COUPLINGS FOR TRIX AND QUADRIX BOXES		
		Cap 	Box-box pipe-fitting 	Smooth conduit pipe-fitting 
3-inlet TRIX BOX	DX 45 003	DX 47 000	DX 47 001	Conduit Ø 16 DX 47 616
4-inlet QUADRIX BOX	DX 45 004	DX 47 000	DX 47 001	DX 47 616
7-inlet QUADRIX BOX	DX 45 007	DX 47 000	DX 47 001	DX 47 616
10-inlet QUADRIX BOX	DX 45 010	DX 47 000	DX 47 001	DX 47 616

Ø CONDUIT	IP44 - IP66 ROUTING COMPONENTS		ACCESSORIES		
	SPEEDY-FLEX range flexible pipe-fittings		Conduit-bending springs RK 15	Conduit-bending springs RKB	Conduit-cutting shears
					
16	GW 50 201	GW 50 207	DX 51 416	DX 51 316	DX 51 600
20	GW 50 202	GW 50 208	DX 51 420	DX 51 320	
25	GW 50 203	GW 50 209	DX 51 425	DX 51 325	
32	GW 50 204	GW 50 210	DX 51 432		
40	GW 50 205	GW 50 211	DX 51 440		
50	GW 50 206	GW 50 212	DX 51 450		

HALOGEN FREE according to Standard EN 50267-2-2

MORBIDX RANGE ROUTING COMPONENTS

CM narrow bend curve - IP67	MS conduit-box pipe-fitting - IP67		RGM conduit-sheath pipe-fitting - IP65		New RMG/N conduit-sheath pipe-fitting - IP65		SVM-TT conduit-conduit pipe-fitting - IP65	SVM-TS conduit box pipe-fitting - IP65	SV-SS box-box pipe-fitting - IP54	RTC conduit-cable pipe-fitting - IP65	
		ISO pitch		Sheath Ø		Sheath Ø					Cable Ø
DX 43 116	M16x1,5	DX 43 216	12	DX 43 316	16	DX 43 416	DX 43 516	DX 43 616	DX 42 216	3-6	DX 43 713
DX 43 120	M20x1,5	DX 43 220	16	DX 43 320	20	DX 43 420	DX 43 520	DX 43 620	DX 42 220	6-9	DX 43 716
DX 43 125	M25x1,5	DX 43 225	20	DX 43 325	25	DX 43 425	DX 43 525	DX 43 625	DX 42 225	9-12	DX 43 719
DX 43 132	M32x1,5	DX 43 232	25	DX 43 332	28	DX 43 432	DX 43 532	DX 43 632	DX 42 232		
DX 43 140	M40x1,5	DX 43 240	32	DX 43 340	40	DX 43 440	DX 43 540	DX 43 640	DX 42 240		
DX 43 150	M50x1,5	DX 43 250	40	DX 43 350			DX 43 550	DX 43 650	DX 42 250		

IP54 COUPLINGS FOR TRIX AND QUADRIX BOXES

Smooth conduit pipe-fitting		Spiralled sheath pipe-fitting			Cable gland pipe-fitting		
							
Conduit Ø 20	Conduit Ø 25	Sheath Ø 12	Sheath Ø 16	Sheath Ø 20	Cables Ø 3-6	Cables Ø 6-9	Cables Ø 9-12
DX 47 620	DX 47 625	DX 47 212	DX 47 216	DX 47 220	DX 47 503	DX 47 506	DX 47 509
DX 47 620	DX 47 625	DX 47 212	DX 47 216	DX 47 220	DX 47 503	DX 47 506	DX 47 509
DX 47 620	DX 47 625	DX 47 212	DX 47 216	DX 47 220	DX 47 503	DX 47 506	DX 47 509
DX 47 620	DX 47 625	DX 47 212	DX 47 216	DX 47 220	DX 47 503	DX 47 506	DX 47 509

RIGID CONDUITS

MEDIUM RIGID CONDUIT IRL

CLASSIFICATION 3 3 2 1 EN 50086 EN 61386	750N 	2 J 	INSTALLATION min -5°C max +60°C
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DX27216	MEDIUM RIGID CONDUIT - LENGTH: 2 METRES - PVC		
	Code	Conduits Ø (mm)	Pack. Carton.
	DX 27 216	16	74/2220
	DX 27 220	20	48/1344
	DX 27 225	25	48/864
	DX 27 232	32	38/532

DX27316	MEDIUM RIGID CONDUIT - LENGTH: 3 METRES - PVC		
	Code	Conduits Ø (mm)	Pack. Carton.
	DX 27 316	16	75/3150
	DX 27 320	20	51/2142
	DX 27 325	25	51/1224
	DX 27 332	32	30/780
	DX 27 340	40	21/525
	DX 27 350	50	15/360
	DX 27 363	63	9/180

MEDIUM RIGID CONDUIT IRL/B

CLASSIFICATION 3 3 2 1 EN 50086 EN 61386	750N 	2 J 	INSTALLATION min -5°C max +60°C
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DX27616	MEDIUM RIGID CONDUIT - SLEEVED - LENGTH: 2 METRES - PVC		
	Code	Conduits Ø (mm)	Pack. Carton.
	DX 27 616	16	74/2220
	DX 27 620	20	48/1344
	DX 27 625	25	48/864
	DX 27 632	32	38/532

DX27716	MEDIUM RIGID CONDUIT - SLEEVED - LENGTH: 3 METRES - PVC		
	Code	Conduits Ø (mm)	Pack. Carton.
	DX 27 716	16	75/3150
	DX 27 720	20	51/2142
	DX 27 725	25	51/1224
	DX 27 732	32	30/780
	DX 27 740	40	21/525
	DX 27 750	50	15/360
	DX 27 763	63	9/180

RK 15 MEDIUM RIGID CONDUIT - GREY RAL 7035

CLASSIFICATION 3 3 2 1 <small>EN 50086 EN 61386</small>	750N 	2 J 	INSTALLATION min -5°C max +60°C
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MEDIUM RIGID CONDUIT - LENGTH: 2 METRES - PVC			
Code	Conduits Ø (mm)		Pack. Carton.
DX 25 216	16		74/2220
DX 25 220	20		48/1344
DX 25 225	25		48/864
DX 25 232	32		38/532

MEDIUM RIGID CONDUIT - LENGTH: 3 METRES - PVC			
Code	Conduits Ø (mm)		Pack. Carton.
DX 25 316	16		111/3330
DX 25 320	20		57/2223
DX 25 325	25		57/1311
DX 25 332	32		30/780
DX 25 340	40		30/540
DX 25 350	50		15/360
DX 25 363	63		9/180

RKB HEAVY RIGID CONDUIT - GREY RAL 7035

CLASSIFICATION 4 3 2 1 <small>EN 50086 EN 61386</small>	1250N 	2 J 	INSTALLATION min -5°C max +60°C
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HEAVY RIGID CONDUIT - LENGTH: 3 METRES - PVC			
Code	Conduits Ø (mm)		Pack. Carton.
DX 25 716	16		57/3192
DX 25 720	20		57/2223
DX 25 725	25		57/1311
DX 25 732	32		30/780
DX 25 740	40		30/540
DX 25 750	50		15/360
DX 25 763	63		9/180

RKHF HEAVY RIGID CONDUIT, HALOGEN-FREE - GREY RAL 7035

CLASSIFICATION 4 4 2 2 <small>EN 50086 EN 61386</small>	1250N 	6 J 	INSTALLATION min -5°C max +90°C
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HEAVY RIGID CONDUIT, 2 METRES LONG, HALOGEN-FREE			
Code	Conduits Ø (mm)	Characteristics	Pack. Carton.
DX 26 216	16	Halogen free	60/4620
DX 26 220	20	Halogen free	46/3542
DX 26 225	25	Halogen free	48/2640
DX 26 232	32	Halogen free	36/1980
DX 26 240	40	Halogen free	30/1080
DX 26 250	50	Halogen free	18/648
DX 26 263	63	Halogen free	12/420

NOTE: Halogen free in accordance with Standard EN 50267-2-2.

ROUTING COMPONENTS

RK UNIONS - GREY RAL 7035

DX40016



RKM COUPLING - IP40

Code	Conduits Ø (mm)	Characteristics	Pack. Carton.
DX 40 016	16	Halogen free	10/450
DX 40 020	20	Halogen free	10/300
DX 40 025	25	Halogen free	10/240
DX 40 032	32	Halogen free	5/90
DX 40 040	40	Halogen free	5/25
DX 40 050	50	Halogen free	15
DX 40 063	63	Halogen free	8

NOTE: Halogen free in accordance with Standard EN 50267-2-2.

DX40116



RKS TIGHT BEND - IP40

Code	Conduits Ø (mm)	Characteristics	Pack. Carton.
DX 40 116	16	Halogen free	10/360
DX 40 120	20	Halogen free	10/180
DX 40 125	25	Halogen free	5/90
DX 40 132	32	Halogen free	5/35
DX 40 140	40	Halogen free	5/20
DX 40 150	50	Halogen free	10
DX 40 163	63	Halogen free	1

NOTE: Halogen free in accordance with Standard EN 50267-2-2.

DX40216



RKT INSPECTABLE T - IP40

Code	Conduits Ø (mm)	Pack. Carton.
DX 40 216	16	10/100
DX 40 220	20	10/60
DX 40 225	25	10/40
DX 40 232	32	5/20

DX40316



RKE INSPECTABLE BEND - IP40

Code	Conduits Ø (mm)	Pack. Carton.
DX 40 316	16	10/180
DX 40 320	20	10/120
DX 40 325	25	10/70
DX 40 332	32	10/40

MORBIDX UNIONS - GREY RAL 7035

DX43016



MM RELEASE COUPLING - IP67

Code	Conduits Ø (mm)	Characteristics	Pack. Carton.
DX 43 016	16	Halogen free	10/300
DX 43 020	20	Halogen free	10/240
DX 43 025	25	Halogen free	5/150
DX 43 032	32	Halogen free	5/120
DX 43 040	40	Halogen free	5/90
DX 43 050	50	Halogen free	3/54

NOTE: Halogen free in accordance with Standard EN 50267-2-2.

DX43116



CM RELEASE NARROW RADIUS BEND - IP67

Code	Conduits Ø (mm)	Characteristics	Pack. Carton.
DX 43 116	16	Halogen free	10/100
DX 43 120	20	Halogen free	10/80
DX 43 125	25	Halogen free	5/50
DX 43 132	32	Halogen free	5/30
DX 43 140	40	Halogen free	5/15
DX 43 150	50	Halogen free	8

NOTE: Halogen free in accordance with Standard EN 50267-2-2.

DX43216



MS RELEASE CONDUIT-BOX UNION - IP67

Code	Conduits Ø (mm)	ISO pitch	For holes Ø (mm)	Characteristics	Pack. Carton.
DX 43 216	16	M 16x1,5	16	Halogen free	10/360
DX 43 220	20	M 20x1,5	20	Halogen free	10/300
DX 43 225	25	M 25x1,5	25	Halogen free	5/180
DX 43 232	32	M 32x1,5	32	Halogen free	5/150
DX 43 240	40	M 40x1,5	40	Halogen free	5/30
DX 43 250	50	M 50x1,5	50	Halogen free	5/15

NOTE: Halogen free in accordance with Standard EN 50267-2-2.

DX43316



RMG RELEASE CONDUIT-SHEATH UNION - IP65

Code	Conduits Ø (mm)	Sheath Ø (mm)	Characteristics	Pack. Carton.
DX 43 316	16	12	Halogen free	10/450
DX 43 320	20	16	Halogen free	10/300
DX 43 325	25	20	Halogen free	5/210
DX 43 332	32	25	Halogen free	5/120
DX 43 340	40	32	Halogen free	5/25
DX 43 350	50	40	Halogen free	5/20

NOTE: Halogen free in accordance with Standard EN 50267-2-2.

DX43416



RMG/N NEW RELEASE CONDUIT-SHEATH UNION - IP65

Code	Conduits Ø (mm)	Sheath Ø (mm)	Characteristics	Pack. Carton.
DX 43 416	16	16	Halogen free	10/360
DX 43 420	20	20	Halogen free	10/240
DX 43 425	25	25	Halogen free	5/150
DX 43 432	32	28	Halogen free	5/40
DX 43 440	40	40	Halogen free	5/20

USE: DX43432 coupling of a rigid protective conduit with a DIFLEX Range spiralled sheath; allows the maintenance of the same internal diameter in correspondence with the joint: the internal section designed for cable passage remains constant, increasing the usable space available to the system conductors.

NOTE: halogen-free, in accordance with Standard EN 50267-2-2.

DX43516



SVM-TT LA SVOLTA CONDUIT-CONDUIT UNION - IP65

Code	Conduits Ø (mm)	Working length (mm)	Pack. Carton.
DX 43 516	16	110	60
DX 43 520	20	132	40
DX 43 525	25	209	20
DX 43 532	32	301	20
DX 43 540	40	302	12
DX 43 550	50	311	9

DX43616



SVM-TS LA SVOLTA CONDUIT-BOX UNION - IP54

Code	Conduits Ø (mm)	Working length (mm)	ISO pitch	For holes Ø (mm)	Pack. Carton.
DX 43 616	16	131	M 16 x 1,5	16	60
DX 43 620	20	150	M 20 x 1,5	20	40
DX 43 625	25	230	M 25 x 1,5	25	20
DX 43 632	32	321	M 32 x 1,5	32	20
DX 43 640	40	325	M 40 x 1,5	40	12
DX 43 650	50	331	M 50 x 1,5	50	9

DX42216



SVSS LA SVOLTA BOX-BOX UNION - IP54

Code	Working length (mm)	ISO pitch	Sheath Ø (mm)	For holes Ø (mm)	Pack. Carton.
DX 42 216	148	M 16 x 1,5	12	16	60
DX 42 220	165	M 20 x 1,5	16	20	40
DX 42 225	245	M 25 x 1,5	20	25	20
DX 42 232	341	M 32 x 1,5	25	32	20
DX 42 240	345	M 40 x 1,5	32	40	12
DX 42 250	345	M 50 x 1,5	40	50	9

DX43713



RTC RELEASE CONDUIT-CABLE UNION - IP65

Code	Conduits Ø (mm)	For cables Ø (mm)	Characteristics	Pack. Carton.
DX 43 713	20	3 - 6	Halogen free	10/80
DX 43 716	20	6 - 9	Halogen free	10/80
DX 43 719	20	9 - 12	Halogen free	10/80

USE: coupling for rigid conduit entry diameter 20 and cable gland output for cables of diameter 3-6, 6-9, 9-12mm; allows rapid connection to ceiling-mounting luminaires, electrical boards and devices guaranteeing the output cable an IP65 watertight protection rating and tear-resistance.

NOTE: halogen-free, in accordance with Standard EN 50267-2-2.

SPEEDY-FLEX COUPLINGS - GREY RAL 7035

GW50201



WATERTIGHT FLEXIBLE COUPLINGS - IP66

Code	For external conduits (mm)	External Ø (mm)	Internal Ø (mm)	Length (mm)	Pack. Carton.
GW 50 201	16	27	13	140	20/60
GW 50 202	20	31.5	17	160	20/120
GW 50 203	25	41	21.5	205	10/40
GW 50 204	32	55	28	290	10/60
GW 50 205	40	65	35.5	400	6/30
GW 50 206	50	72	44.5	515	6/36

CHARACTERISTICS: multifunctional couplings allowing the realisation of 0-90° variable angle curves and misaligned conduit-conduit couplings.

GW50207



PROTECTED FLEXIBLE COUPLINGS - IP44

Code	For external conduits (mm)	External Ø (mm)	Internal Ø (mm)	Length (mm)	Pack. Carton.
GW 50 207	16	24	13	135	20/60
GW 50 208	20	30	17	160	20/120
GW 50 209	25	35	21.5	205	20/120
GW 50 210	32	45	28	280	10/20
GW 50 211	40	55	35.5	400	6/30
GW 50 212	50	65	44.5	515	6/36

CHARACTERISTICS: multifunctional couplings allowing the realisation of 0-90° variable angle curves, conduit-conduit, conduit-box and misaligned couplings.

ACCESSORIES

DX51416



CONDUIT-BENDING SPRING FOR RK15

Code	Conduits Ø (mm)	Pack. Carton.
DX 51 416	16	1/10
DX 51 420	20	1/10
DX 51 425	25	1/5
DX 51 432	32	1/5
DX 51 440	40	1
DX 51 450	50	1

USE: for cold bending rigid conduits.

MATERIAL: special galvanised steel square wire mesh.

DX51316



CONDUIT-BENDING SPRING FOR RKB

Code	Conduits Ø (mm)	Pack. Carton.
DX 51 316	16	1/10
DX 51 320	20	1/10
DX 51 325	25	1/5

USE: for cold bending rigid conduits.

MATERIAL: special galvanised steel square wire mesh.

DX51600



CONDUIT CUTTER

Code	Description	Pack. Carton.
DX 51 600	Conduit cutter	1/5

JUNCTION BOXES

TRIX - GREY RAL 7035

DX45003



TRIX BOX - IP54

Code	Description	Outer dim. LxHxD (mm)	Characteristics	Pack. Carton.
DX 45 003	TX3-3 inputs	87x64x53	Halogen free	3/15

Without coupling devices and without caps.

NOTE: halogen-free, in accordance with Standard EN 50267-2-2.

QUADRIX - GREY RAL 7035

DX45004



QUADRIX BOX - IP54

Code	Description	Accessories supplied	Outer dim. LxHxD (mm)	Characteristics	Pack. Carton.
DX 45 004	QX4-4 inputs	1 cap	100x106x53	Halogen free	5/60
DX 45 007	QX7-7 inputs	3 caps	106x106x53	Halogen free	5/60
DX 45 010	QX10-10 inputs	4 caps	140x140x53	Halogen free	1/16

Without coupling devices.

NOTE: halogen-free, in accordance with Standard EN 50267-2-2.

COUPLINGS AND ACCESSORIES - GREY RAL 7035

DX47616



TRIX/QUADRIX-CONDUIT MORBIDX UNION - RMX

Code	Conduits Ø (mm)	Characteristics	Pack. Carton.
DX 47 616	16	Halogen free	10/390
DX 47 620	20	Halogen free	10/360
DX 47 625	25	Halogen free	10/300

NOTE: Halogen free in accordance with Standard EN 50267-2-2.

DX47212



RGX SHEATH -TRIX/QUADRIX UNION

Code	Conduits Ø (mm)	Characteristics	Pack. Carton.
DX 47 212	12	Halogen free	10/450
DX 47 216	16	Halogen free	10/450
DX 47 220	20	Halogen free	10/390

NOTE: Halogen free in accordance with Standard EN 50267-2-2.

DX47503



PCX CABLE - TRIX/QUADRIX CABLE GLAND UNION

Code	For cables Ø (mm)	Characteristics	Pack. Carton.
DX 47 503	3 - 6	Halogen free	10/300
DX 47 506	6 - 9	Halogen free	10/300
DX 47 509	9 - 12	Halogen free	10/300

NOTE: Halogen free in accordance with Standard EN 50267-2-2.

DX47000



CLOSURE CAP

Code	Description	Characteristics	Pack. Carton.
DX 47 000	Closing Cap	Halogen free	50/450

NOTE: halogen-free, in accordance with Standard EN 50267-2-2.

DX47001



BOX-BOX COUPLING

Code	Description	Characteristics	Pack. Carton.
DX 47 001	Box-box pipe-fitting	Halogen free	20/60

NOTE: halogen-free, in accordance with Standard EN 50267-2-2.

50/52 range







Accessories for system assembly

A system that makes the right product available for all installation requirements. Robustness and quality of the materials for a guaranteed IP degree over time.

- Quick assembly.
- Design in harmony with enclosures, distribution boards and junction boxes.
- Possible wall-fixing of a wide range of cables and rigid conduits.



COUPLINGS FOR RIGID CONDUIT/CABLE ENDS AND BOX ENDS

Assembly hole Ø (mm)	Cable glands							Conduit/box couplings				Cable entries	
	IP66 - PG pitch		IP68 - ISO pitch		IP66 - PG pitch With housing for rigid conduit			IP 66		IP 44		IP 55	
													
Code	for cables Ø (mm)	Code	for cables Ø (mm)	Code	for cables Ø (mm)	for conduits Ø (mm)	Code	for conduits Ø (mm)	Code	for conduits Ø (mm)	Code	for conduits and cables Ø (mm)	
12			GW 52 042	3 - 6.5									
12,5	GW 52 001	3 - 6											
16	GW 52 002	5 - 8	GW 52 043	5 - 10									
19	GW 52 003	7 - 10.5											
20	GW 52 004	9 - 12.5	GW 52 044	10 - 14	GW 52 024	9 - 12.5	16	GW 50 415	16				
23	GW 52 005	13 - 16			GW 52 025	13 - 16	20	GW 50 416	20	GW 50 421 GW 50 422	16 20	GW 50 429	20
25			GW 52 045	13 - 18									
29	GW 52 006	8 ÷ 10 17 ÷ 20			GW 52 026	8 - 10 17 - 20	25	GW 50 417	25	GW 50 423 GW 50 424	20 25	GW 50 430	25
32			GW 52 046	18 - 25									
37	GW 52 007	13.5 - 15 21 - 26			GW 52 027	13.5 - 15 21 - 26	32	GW 50 418	32	GW 50 425 GW 50 426	32 40	GW 50 431	32
40			GW 52 047	22 - 32									
48	GW 52 008	17 - 20 30 - 34			GW 52 028	17 - 20 30 - 34	40	GW 50 419	40	GW 50 427	50	GW 50 432	40
50			GW 52 048	30 - 38									
54	GW 52 009	36 - 39 40 - 43			GW 52 029	36 - 39 40 - 43	50	GW 50 420	50				
60	GW 52 010	38 - 40 46 - 50											
63			GW 52 049	35 - 44									

METAL CABLE GLANDS AND ACCESSORIES

Threading	IP 65 Cable glands	IP 68 Cable glands	IP65 Expanders	IP65 Closing caps	Fixing nuts
					
PG11	GW 76 841	GW 76 825	GW 76 865	GW 76 980	GW 76 957
PG13.5	GW 76 842	GW 76 826	GW 76 866	GW 76 981	GW 76 958
PG16	GW 76 843	GW 76 827	GW 76 867	GW 76 982	GW 76 959
PG21	GW 76 844	GW 76 828	GW 76 868	GW 76 983	GW 76 960
PG29	GW 76 845	GW 76 829	GW 76 869	GW 76 984	GW 76 961
PG36	GW 76 846	GW 76 830		GW 76 985	GW 76 962
PG42	GW 76 847	GW 76 897		GW 76 986	GW 76 963
M16		GW 76 896			GW 76 951
M20	GW 76 848	GW 76 831	GW 76 870	GW 76 975	GW 76 952
M25	GW 76 849	GW 76 832	GW 76 871	GW 76 976	GW 76 953
M32	GW 76 850	GW 76 833	GW 76 872	GW 76 977	GW 76 954
M40	GW 76 851	GW 76 834	GW 76 873	GW 76 978	GW 76 955
M50	GW 76 852	GW 76 835		GW 76 979	GW 76 956

PLASTIC AND METAL CABLE GLANDS WITH FIXING NUTS - IP68 - ATEX VERSION

Cable glands						Fixing nuts					
Threading	Plastic	Metal	Threading	Plastic	Metal	Threading	Plastic	Metal	Threading	Plastic	Metal
PG7	GW 52 101	GW 76 901	M12	GW 52 121	GW 76 921	PG7	GW 52 141	GW 76 941	M12	GW 52 161	GW 76 949
PG9	GW 52 102	GW 76 902	M16	GW 52 122	GW 76 922	PG9	GW 52 142	GW 76 942	M16	GW 52 162	GW 76 951
PG11	GW 52 103	GW 76 903	M20	GW 52 123	GW 76 923	PG11	GW 52 143	GW 76 957	M20	GW 52 163	GW 76 952
PG13.5	GW 52 104	GW 76 904	M25	GW 52 124	GW 76 924	PG13.5	GW 52 144	GW 76 958	M25	GW 52 164	GW 76 953
PG16	GW 52 105	GW 76 905	M32	GW 52 125	GW 76 925	PG16	GW 52 145	GW 76 959	M32	GW 52 165	GW 76 954
PG21	GW 52 106	GW 76 906	M40	GW 52 126	GW 76 926	PG21	GW 52 146	GW 76 960	M40	GW 52 166	GW 76 955
PG29	GW 52 107	GW 76 907	M50	GW 52 127	GW 76 927	PG29	GW 52 147	GW 76 961	M50	GW 52 167	GW 76 956
PG36	GW 52 108	GW 76 908	M63	GW 52 128	GW 76 928	PG36	GW 52 148	GW 76 962	M63	GW 52 168	GW 76 950
PG42	GW 52 109	GW 76 909				PG42	GW 52 149	GW 76 963			
PG48	GW 52 110	GW 76 910				PG48	GW 52 150	GW 76 943			

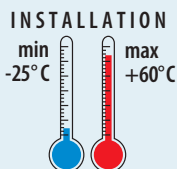
FIXING COMPONENTS

CONDUIT Ø (mm)	Snap-on supports	Saddle snap clips	Rail for supports	Fixing collars		Fixing dowels		Clips with pins		M6 thread steel collars - 2 screws		Steel clips 14x6 hole	Steel U-bolt with two holes	
				Reopenable CFR	Not reopenable CF	For 6mm diameter holes	For 8mm diameter holes	Internal section (mm)		Internal section (mm)				
								3-4	GW 50 610					
								5-6	GW 50 611 GW 50 621*					
								7-8	GW 50 612 GW 50 622*					
								9-10	GW 50 613	10-11	GW 50 801	GW 50 811	GW 50 821	
								11-12	GW 50 614	12-13	GW 50 802	GW 50 812	GW 50 822	
								13-14	GW 50 615	14-15	GW 50 803	GW 50 813	GW 50 823	
16	GW 50 601	GW 50 605	GW 50 609	DX 51 120	DX 51 232		DX 51 306	DX 51 308	15-16	GW 50 616	16-17	GW 50 804	GW 50 814	GW 50 824
20	GW 50 602	GW 50 606	GW 50 609	DX 51 120	DX 51 232		DX 51 306	DX 51 308	19-20 21-22	GW 50 617 GW 50 618	19-20 21-22	GW 50 805 GW 50 806	GW 50 815 GW 50 816	GW 50 825 GW 50 826
25	GW 50 603	GW 50 607	GW 50 609		DX 51 232	DX 51 263	DX 51 306	DX 51 308	25-26	GW 50 619	25-26	GW 50 807	GW 50 817	GW 50 827
32	GW 50 604	GW 50 608	GW 50 609		DX 51 232	DX 51 263	DX 51 306	DX 51 308	31-32	GW 50 620	31-32	GW 50 808	GW 50 818	GW 50 828
40	GW 50 628	GW 50 630	GW 50 609			DX 51 263	DX 51 306	DX 51 308			38-40	GW 50 809	GW 50 819	GW 50 829
50	GW 50 629	GW 50 631	GW 50 609			DX 51 263	DX 51 306	DX 51 308			48-50	GW 50 810	GW 50 820	GW 50 830
63						DX 51 263	DX 51 306	DX 51 308						

* Colour: white

ACCESSORIES IN INSULATING MATERIAL FOR BOXES, CONDUITS AND CABLES

CABLE GLANDS



GWT 650°C



EN 60695-2-11

GW52001



SHOCKPROOF POLYMER CABLE GLANDS - PG PITCH GREY RAL 7035 - IP66 - 52 PG RANGE

Code	PG pitch	Mounting hole Ø (mm)	For cables Ø (mm)	Pack. Carton.
GW 52 001	7	12,5	from 3 to 6	50/900
GW 52 002	9	16	from 5 to 8	50/600
GW 52 003	11	19	from 7 to 10,5	25/500
GW 52 004	13,5	20	from 9 to 12,5	25/500
GW 52 005	16	23	from 13 to 16	25/375
GW 52 006	21	29	from 8 to 10/from 17 to 20	25/400
GW 52 007	29	37	from 13,5 to 15/from 21 to 26	25/250
GW 52 008	36	48	from 17 to 20/from 30 to 34	10/130
GW 52 009	42	54	from 36 to 39/from 40 to 43	6/120
GW 52 010	48	60	from 38 to 40/from 46 to 50	5/100

ACCESSORIES SUPPLIED: fixing nut.

APPLICATIONS: for making watertight installations with direct grip on cable.

GW52042



SHOCKPROOF POLYMER CABLE GLANDS - METRIC PITCH - GREY RAL 7035 - IP68 - 52 PGM RANGE

Code	ISO pitch	Mounting hole Ø (mm)	For cables Ø (mm)	Pack. Carton.
GW 52 042	12x1,25	12	from 3 to 6,5	50/600
GW 52 043	16x1,5	16	from 5 to 10	50/400
GW 52 044	20x1,5	20	from 10 to 14	25/300
GW 52 045	25x1,5	25	from 13 to 18	25/200
GW 52 046	32x1,5	32	from 18 to 25	25/150
GW 52 047	40x1,5	40	from 22 to 32	10/120
GW 52 048	50x1,5	50	from 30 to 38	6/84
GW 52 049	63x1,5	63	from 35 to 44	5/60

ACCESSORIES SUPPLIED: fixing nut and gasket.

APPLICATIONS: direct installation on fixing enclosures or components in feedthrough holes.

Coupling in installations where a high protection rating is required in the presence of chemical substances, shocks and vibrations.

GW52024



SHOCKPROOF POLYMER CABLE GLANDS WITH HOUSING FOR RIGID CONDUIT - PG PITCH - GREY RAL 7035 - IP66 - 52 PGT RANGE

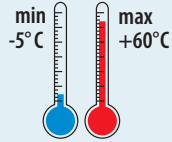
Code	PG pitch	Mounting hole Ø (mm)	For external conduits (mm)	For cables Ø (mm)	Pack. Carton.
GW 52 024	13,5	20	16	from 9 to 12,5	15/300
GW 52 025	16	23	20	from 13 to 16	15/240
GW 52 026	21	29	25	from 8 to 10/from 17 to 20	15/240
GW 52 027	29	37	32	from 13,5 to 15/from 21 to 26	15/135
GW 52 028	36	48	40	from 17 to 20/from 30 to 34	6/54
GW 52 029	42	54	50	from 36 to 39/from 40 to 43	4/80

ACCESSORIES SUPPLIED: fixing nut.

APPLICATIONS: for making watertight installations with direct clamping on the cable and attractive conduit-box coupling.

COUPLINGS AND CABLE-GLANDS

INSTALLATION



GWT 750°C



EN 60695-2-11

GW50415



SHOCKPROOF POLYMER CONDUIT/BOX COUPLINGS GREY RAL 7035 - 50 AC RANGE

Code	For external conduits (mm)	Mounting hole Ø (mm)	IP with rigid conduit	IP with corrugated conduit	Pack. Carton.
GW 50 415	16	20	IP66	IP54	25/200
GW 50 416	20	23	IP66	IP54	25/200
GW 50 417	25	29	IP66	IP54	25/150
GW 50 418	32	37	IP66	IP54	10/100
GW 50 419	40	48	IP66	IP44	6/60
GW 50 420	50	54	IP66	IP44	5/50

CHARACTERISTICS: the conduit-box coupling device allows corrugated conduits to be connected to junction boxes, guaranteeing the minimum degree of protection of IP4X in MARCI sites (places at notable risk in the event of a fire) when required.
ACCESSORIES SUPPLIED: fixing nut.

GW50421



FLEXIBLE POLYMER CONDUIT/BOX COUPLINGS GREY RAL 7035 - IP44 50 AC RANGE

Code	For external conduits (mm)	Mounting hole Ø (mm)	Pack. Carton.
GW 50 421	16	23	50/700
GW 50 422	20	23	50/700
GW 50 423	20	29	25/350
GW 50 424	25	29	25/350
GW 50 425	32	37	15/210
GW 50 426	40	37	10/160
GW 50 427	50	48	10/90

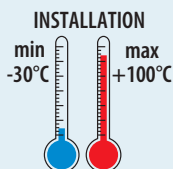
GW50428



FLEXIBLE POLYMER CABLE GLAND - GREY RAL 7035 - IP55 50 AC RANGE

Code	For ext. conduits max (mm)	Mounting hole Ø (mm)	Pack. Carton.
GW 50 428	16	19	100/1000
GW 50 429	20	23	100/1000
GW 50 430	25	29	100/1000
GW 50 431	32	37	50/500
GW 50 432	40	48	35/350

METAL CABLE GLANDS AND ACCESSORIES



CABLE GLANDS

GW76845



METAL CABLE GLANDS - IP65

Code	Type of pitch	Seals ø (mm)	Pack. Carton.
GW 76 841	PG11	7.5 / 10 / 12.5	1/50
GW 76 842	PG13.5	7.5 / 10 / 12.5	1/50
GW 76 843	PG16	7.5 / 10 / 12.5	1/50
GW 76 844	PG21	10 / 13 / 16 / 19	1/50
GW 76 845	PG29	18 / 21 / 24 / 27	1/10
GW 76 846	PG36	24 / 27 / 30 / 33	1/10
GW 76 847	PG42	30 / 33 / 36 / 39	1/10
GW 76 848	M20	4 / 7 / 10 / 13	1/50
GW 76 849	M25	8.5 / 11.5 / 14.5 / 17.5	1/50
GW 76 850	M32	16 / 19 / 22 / 25	1/10
GW 76 851	M40	23 / 26 / 29 / 32	1/10
GW 76 852	M50	30 / 33 / 36 / 39	1/10

CHARACTERISTICS: nickel-plated brass cable gland; whole gaskets supplied for a wide range of cable diameters.

GW76829



METAL CABLE GLANDS - IP68

Code	Type of pitch	For cables Ø (mm)	Pack. Carton.
GW 76 825	PG11	from 4 to 9	10/100
GW 76 826	PG13.5	from 7 to 11	10/100
GW 76 827	PG16	from 10 to 13	10/100
GW 76 828	PG21	from 12 to 17	5/50
GW 76 829	PG29	from 17 to 24	5/50
GW 76 830	PG36	from 20 to 26 / from 27 to 34	5/50
GW 76 897	PG42	from 32 to 36	2/10
GW 76 896	M16	from 4 to 9	10/100
GW 76 831	M20	from 10 to 13	10/100
GW 76 832	M25	from 12 to 17	10/100
GW 76 833	M32	from 14 to 21	5/50
GW 76 834	M40	from 19 to 27	5/50
GW 76 835	M50	from 25 to 34	2/10

CHARACTERISTICS: nickel-plated brass cable gland with mechanic cable-snap device.

ACCESSORIES

GW76867



METAL ENLARGING ADAPTERS - IP65

Code	Male thread	Female thread	Pack. Carton.
GW 76 865	PG11	PG13.5	10/100
GW 76 866	PG13.5	PG16	10/100
GW 76 867	PG16	PG21	10/100
GW 76 868	PG21	PG29	5/50
GW 76 869	PG29	PG36	5/50
GW 76 870	M20	M25	10/100
GW 76 871	M25	M32	10/100
GW 76 872	M32	M40	5/50
GW 76 873	M40	M50	5/50

ACCESSORIES SUPPLIED: sealing gaskets.

GW76979

**METAL CLOSURE CAPS - IP65**

Code	Type of pitch	Pack. Carton.
GW 76 980	PG11	10/100
GW 76 981	PG13.5	10/100
GW 76 982	PG16	10/100
GW 76 983	PG21	10/100
GW 76 984	PG29	5/50
GW 76 985	PG36	5/50
GW 76 986	PG42	5/50
GW 76 975	M20	10/100
GW 76 976	M25	10/100
GW 76 977	M32	10/100
GW 76 978	M40	5/50
GW 76 979	M50	5/50

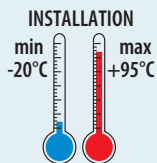
ACCESSORIES SUPPLIED: sealing gasket.

GW76959

**FIXING NUTS**

Code	Type of pitch	Pack. Carton.
GW 76 957	PG11	25/100
GW 76 958	PG13.5	25/100
GW 76 959	PG16	25/100
GW 76 960	PG21	25/100
GW 76 961	PG29	25/100
GW 76 962	PG36	10/50
GW 76 963	PG42	10/50
GW 76 951	M16	25/100
GW 76 952	M20	25/100
GW 76 953	M25	25/100
GW 76 954	M32	25/100
GW 76 955	M40	10/50
GW 76 956	M50	10/50

PLASTIC CABLE GLANDS FOR ATEX ENVIRONMENTS - ZONE 1(G) - ZONE 20 (D)



GWT 960°C



EN 60695-2-11

PLASTIC CABLE GLANDS

GW52101



ATEX POLYMER CABLE GLANDS, PG-PITCH - GREY RAL 7035 - IP68

Code	Type of pitch	Mounting hole Ø (mm)	For cables Ø (mm)	Pack. Carton.
GW 52 101	PG7	12,5	from 3 to 6,5	50/900
GW 52 102	PG9	16	from 4 to 8	50/600
GW 52 103	PG11	19	from 5 to 10	25/500
GW 52 104	PG13,5	20	from 6,5 to 12	25/500
GW 52 105	PG16	23	from 7 to 12	25/375
GW 52 106	PG21	29	from 13 to 18	25/400
GW 52 107	PG29	37	from 18 to 25	25/250
GW 52 108	PG36	48	from 22 to 32	10/130
GW 52 109	PG42	54	from 32 to 38	6/120
GW 52 110	PG48	60	from 37 to 44	5/100

ATEX VERSIONS CLASSIFICATION:

2G 1D Ex E -20°C Ta <+95°C

GW52121



ATEX POLYMER CABLE GLANDS, METRIC PITCH - GREY RAL 7035 - IP68

Code	Type of pitch	Mounting hole Ø (mm)	For cables Ø (mm)	Pack. Carton.
GW 52 121	M12	12	from 3 to 3,5	50/600
GW 52 122	M16	16	from 5 to 10	50/400
GW 52 123	M20	20	from 10 to 14	25/300
GW 52 124	M25	25	from 13 to 18	25/200
GW 52 125	M32	32	from 18 to 25	25/150
GW 52 126	M40	40	from 22 to 32	10/120
GW 52 127	M50	50	from 32 to 38	6/84
GW 52 128	M63	63	from 37 to 44	5/60

ATEX VERSIONS CLASSIFICATION:

2G 1D Ex E -20°C Ta <+95°C

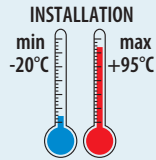
GW52141



FIXING NUTS

Code	Type of pitch	Pack. Carton.
GW 52 141	PG7	25/100
GW 52 142	PG9	25/100
GW 52 143	PG11	25/100
GW 52 144	PG13,5	25/100
GW 52 145	PG16	25/100
GW 52 146	PG21	25/100
GW 52 147	PG29	25/100
GW 52 148	PG36	10/50
GW 52 149	PG42	10/50
GW 52 150	PG48	10/50
GW 52 161	M12	25/100
GW 52 162	M16	25/100
GW 52 163	M20	25/100
GW 52 164	M25	25/100
GW 52 165	M32	25/100
GW 52 166	M40	10/50
GW 52 167	M50	10/50
GW 52 168	M63	10/50

METAL CABLE GLANDS FOR ATEX ENVIRONMENTS - ZONE 1(G) - ZONE 20 (D)



METAL CABLE GLANDS

GW76901



ATEX METAL CABLE GLANDS, PG-PITCH, LONG THREAD - IP68

Code	Type of pitch	Mounting hole Ø (mm)	For cables Ø (mm)	Pack. Carton.
GW 76 901	PG7	12,5	from 3 to 6,5	10/100
GW 76 902	PG9	16	from 4 to 8	10/100
GW 76 903	PG11	19	from 5 to 10	10/100
GW 76 904	PG13,5	20	from 6,5 to 12	10/100
GW 76 905	PG16	23	from 7 to 12	10/100
GW 76 906	PG21	29	from 13 to 18	5/50
GW 76 907	PG29	37	from 18 to 25	5/50
GW 76 908	PG36	48	from 22 to 32	5/50
GW 76 909	PG42	54	from 32 to 38	2/10
GW 76 910	PG48	60	from 37 to 44	2/10

ATEX VERSIONS CLASSIFICATION:
2G 1D Ex E -20° < Ta < +95°C

GW76921



ATEX METAL CABLE GLANDS, METRIC PITCH, LONG THREAD - IP68

Code	Type of pitch	Mounting hole Ø (mm)	For cables Ø (mm)	Pack. Carton.
GW 76 921	M12	12	from 3 to 6,5	10/100
GW 76 922	M16	16	from 6 to 10	10/100
GW 76 923	M20	20	from 10 to 14	10/100
GW 76 924	M25	25	from 14 to 18	10/100
GW 76 925	M32	32	from 20 to 25	5/50
GW 76 926	M40	40	from 22 to 32	5/50
GW 76 927	M50	50	from 32 to 38	2/10
GW 76 928	M63	63	from 37 to 44	2/10

ATEX VERSIONS CLASSIFICATION:
2G 1D Ex E -20° < Ta < +95°C

GW76941



FIXING NUTS

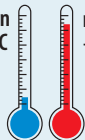
Code	Type of pitch	Pack. Carton.
GW 76 941	PG7	25/100
GW 76 942	PG9	25/100
GW 76 957	PG11	25/100
GW 76 958	PG13,5	25/100
GW 76 959	PG16	25/100
GW 76 960	PG21	25/100
GW 76 961	PG29	25/100
GW 76 962	PG36	10/50
GW 76 963	PG42	10/50
GW 76 943	PG48	10/50
GW 76 949	M12	25/100
GW 76 951	M16	25/100
GW 76 952	M20	25/100
GW 76 953	M25	25/100
GW 76 954	M32	25/100
GW 76 955	M40	10/50
GW 76 956	M50	10/50
GW 76 950	M63	10/50

50 AC - POLYMER ACCESSORIES FOR SURFACE-MOUNTING OF RIGID CONDUITS AND CABLES

SUPPORTS

INSTALLATION

min -5°C max +60°C



GWT 750°C



EN 60695-2-11

GW50601



SHOCKPROOF POLYMER SADDLE SNAP CLIP - GREY RAL 7035

Code	For external conduits (mm)	Dist. wall conduit axis mm	Characteristics	Pack. Carton.
GW 50 601	16	20	Halogen free	100/1800
GW 50 602	20	22	Halogen free	100/1600
GW 50 603	25	24.5	Halogen free	100/900
GW 50 604	32	28	Halogen free	100/900
GW 50 628	40	32		50/450
GW 50 629	50	37		50/450

NOTE: Suitable for riveting machine. Halogen free in accordance with Standard EN 50267-2-2.

GW50605



SHOCKPROOF POLYMER SADDLE COLLAR CLIP - GREY RAL 7035

Code	For external conduits (mm)	Dist. wall conduit axis mm	Characteristics	Pack. Carton.
GW 50 605	16	20	Halogen free	100/900
GW 50 606	20	22	Halogen free	100/900
GW 50 607	25	24.5	Halogen free	100/600
GW 50 608	32	28	Halogen free	50/450
GW 50 630	40	32	Halogen free	35/350
GW 50 631	50	37	Halogen free	25/200

NOTE: Halogen free in accordance with Standard EN 50267-2-2.

GW50609



MODULAR LOCK-JOINT RAIL TO FIX SHOCKPROOF POLYMER SUPPORTS - GREY RAL 7035

Code	Length (mm)	Dist. wall conduit axis mm	Pack. Carton.
GW 50 609	200	6	50/350

COLLARS, CLIPS AND U-BOLTS

GW50801



GALVANISED STEEL COLLARS M6 THREAD WITH 2 SCREWS

Code	Internal Ø (mm)	Pack. Carton.
GW 50 801	10 - 11	100/1600
GW 50 802	12 - 13	100/800
GW 50 803	14 - 15	100/800
GW 50 804	16 - 17	100/800
GW 50 805	19 - 20	100/800
GW 50 806	21 - 22	100/600
GW 50 807	25 - 26	100/600
GW 50 808	31 - 32	100/600
GW 50 809	38 - 40	100/300
GW 50 810	48 - 50	50/300

GW50811



GALVANISED STEEL CLIPS HOLE 14X6 MM

Code	Internal Ø (mm)	Pack. Carton.
GW 50 811	10 - 11	100/2400
GW 50 812	12 - 13	100/2000
GW 50 813	14 - 15	100/2000
GW 50 814	16 - 17	100/1600
GW 50 815	19 - 20	100/1000
GW 50 816	21 - 22	50/1000
GW 50 817	25 - 26	50/1000
GW 50 818	31 - 32	50/600
GW 50 819	38 - 40	50/600
GW 50 820	48 - 50	50/300

GW50821



GALVANISED STEEL U-BOLTS WITH TWO HOLES

Code	Internal Ø (mm)	Pack. Carton.
HOLE DIMENSION (MM): 7x4		
GW 50 821	10 - 11	100/2400
GW 50 822	12 - 13	100/3500
GW 50 823	14 - 15	100/2000
GW 50 824	16 - 17	100/1600
GW 50 825	19 - 20	100/2000
GW 50 826	21 - 22	50/1000
GW 50 827	25 - 26	50/800
HOLE DIMENSION (MM): 10x6		
GW 50 828	31 - 32	50/600
GW 50 829	38 - 40	50/600
GW 50 830	48 - 50	50/300

POLYMER FIXING COLLARS

DX51120



FIXING COLLAR - GREY RAL 7035

Code	Conduits Ø (mm)	Description	Characteristics	Pack. Carton.
DX 51 120	16 - 20	Reopened collar	Halogen free	100/1500
DX 51 232	16 - 32	Collar cannot be reopened	Halogen free	100/800
DX 51 263	25 - 63	Collar cannot be reopened	Halogen free	100/400

USE: rigid conduits can be fixed to walls with wall plugs.

MATERIAL: self-extinguishing polyamide.

NOTE: halogen-free, in accordance with Standard EN 50267-2-2.

DX51306



FIXING DOWELS FOR COLLAR- GREY RAL 7035

Code	For holes mounting Ø (mm)	Characteristics	Pack. Carton.
DX 51 306	6	Halogen free	200/600
DX 51 308	8	Halogen free	200/600

USE: allow fixing of rigid conduits fixing collars to walls.

NOTE: halogen-free, in accordance with Standard EN 50267-2-2.

GW50610



SHOCKPROOF POLYMER CLIPS WITH HARDENED STEEL PIN

Code	Internal Ø (mm)	Characteristics	Pack. Carton.
COLOUR: GREY RAL 7035			
GW 50 610	3 - 4		100/8000
GW 50 611	5 - 6		100/8000
GW 50 612	7 - 8		100/8000
GW 50 613	9 - 10		100/6000
GW 50 614	11 - 12		100/6000
GW 50 615	13 - 14		100/6000
GW 50 616	15 - 16	Halogen free	100/3000
GW 50 617	19 - 20	Halogen free	100/1800
GW 50 618	21 - 22	Halogen free	100/2000
GW 50 619	25 - 26	Halogen free	50/900
GW 50 620	31 - 32	Halogen free	50/1000
COLOUR: WHITE			
GW 50 621	5 - 6		100/8000
GW 50 622	7 - 8		100/8000

NOTE: Halogen free in accordance with Standard EN 50267-2-2.

GW50623



FLAT SHOCKPROOF POLYMER CLIPS WITH PIN OF HARDENED STEEL - WHITE

Code	Colour	For flat cables width	Pack. Carton.
GW 50 623	White	5 - 6 mm	100/4000
GW 50 624	White	7 - 8 mm	100/15000
GW 50 625	White	10 - 11 mm	100/4800

GW50626



HARDENED STEEL PINS

Code	Description	Pack. Carton.
GW 50 626	Totally insulated	100/1000
GW 50 627	With insulating collar	100/1000

NOTE: Each package contains 100 small nails.

52 AZ - TOOLS FOR PERFORATING ENCLOSURES

DRILL MILLING CUTTER

GW52401



MULTI-DIAMETER DRILL MILLING CUTTER IN HSS STEEL TO DRILL BOXES, BOARDS AND TRUNKING IN INSULATING MATERIAL

Code	Description	Pack. Carton.
GW 52 401	Drill milling cutter	1/4

GW52402



CUP DRILL MILLING CUTTER TO DRILL PANELS

Code	Description	Pack. Carton.
GW 52 402	Cup drill milling Ø56	10

APPLICATIONS: suitable for low voltage flush-mounting socket-outlets IEC 309 2P+E 16A and for all the extra-low voltage flush-mounting socket-outlets IEC 309.

GW52403



CUP DRILL MILLING CUTTER TO DRILL HOLLOW PLASTERBOARDS WALL

Code	Description	Pack. Carton.
GW 52 403	Cup drill milling Ø62	10

GW52412



TAPERED DRILL MILLING CUTTER IN HSS STEEL TO FINISH AND COUNTERSINK HOLES FOR METAL BOARDS AND TRUNKING

Code	Description	For holes Ø (mm)	Pack. Carton.
GW 52 412	Tapered drill milling cutter	24 - 40	1/4

FK range


Pliable protective conduit systems









Conduits produced with top quality material: a guarantee of the highest quality.


All versions are also available with a cable puller.

- Innovative profile: greater flexibility and load resistance, lower thermal memory.
- Special pallet packaging resistant to atmospheric agents, for better product preservation.
- Halogen-free version.
- Self-recovering ICTA version for underfloor use, in reinforced concrete, and in highly liquified concrete.



Ø CONDUIT	FK 15 RANGE PLIABLE CONDUIT - CLASS 3321					
	White		Black		Green	
		 with cable puller		 with cable puller		 with cable puller
16	DX 16 216	DX 16 316	DX 15 016	DX 15 116	DX 15 216	DX 15 316
20	DX 16 220	DX 16 320	DX 15 020	DX 15 120	DX 15 220	DX 15 320
25	DX 16 225	DX 16 325	DX 15 025	DX 15 125	DX 15 225	DX 15 325
32	DX 16 232	DX 16 332	DX 15 032	DX 15 132	DX 15 232	DX 15 332
40	DX 16 240	DX 16 340	DX 15 040	DX 15 140	DX 15 240	
50	DX 16 250	DX 16 350	DX 15 050	DX 15 150	DX 15 250	
63	DX 16 263	DX 16 363	DX 15 063	DX 15 163		

Ø CONDUIT	ICTA RANGE HALOGEN-FREE SELF-RECOVERING PLIABLE CONDUIT - CLASS 3422							
	Grey		Dark grey		Green		Blue	
		 with cable puller		 with cable puller		 with cable puller		 with cable puller
16	DX 20 016	DX 20 116	DX 20 416	DX 20 516	DX 22 016	DX 22 116	DX 23 016	DX 23 116
20	DX 20 020	DX 20 120	DX 20 420	DX 20 520	DX 22 020	DX 22 120	DX 23 020	DX 23 120
25	DX 20 025	DX 20 125	DX 20 425	DX 20 525	DX 22 025	DX 22 125	DX 23 025	DX 23 125
32	DX 20 032	DX 20 132	DX 20 432	DX 20 532	DX 22 032	DX 22 132	DX 23 032	DX 23 132
40	DX 20 040	DX 20 140	DX 20 440	DX 20 540	DX 22 040	DX 22 140	DX 23 040	DX 23 140
50	DX 20 050	DX 20 150	DX 20 450	DX 20 550	DX 22 050	DX 22 150	DX 23 050	DX 23 150
63	DX 20 063	DX 20 163	DX 20 463	DX 20 563	DX 22 063	DX 22 163	DX 23 063	DX 23 163

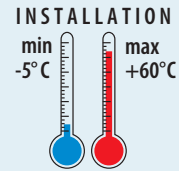
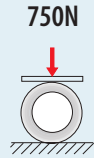
CABLE PULLER				
Length (m)				
	Ø 3 mm cable puller		Ø 4 mm cable puller	
	ST	STS	Flexible head	Tail ring
5	DX 52 205	DX 52 305	DX 52 299	DX 52 399
10	DX 52 210	DX 52 310	DX 52 299	DX 52 399
15	DX 52 215	DX 52 315	DX 52 299	DX 52 399
20	DX 52 220	DX 52 320	DX 52 299	DX 52 399
25	DX 52 225	DX 52 325	DX 52 299	DX 52 399

FK 15 RANGE PLIABLE CONDUIT- CLASS 3321						ACCESSORIES FOR CONDUIT		
Blue		Brown		Lilac				
	with cable puller		with cable puller		with cable puller	GF coupling	TF cap	Conduit/box coupling
DX 15 416	DX 15 516	DX 15 616	DX 15 716	DX 15 816	DX 15 916	DX 52 016	DX 52 116	GW 50 415
DX 15 420	DX 15 520	DX 15 620	DX 15 720	DX 15 820	DX 15 920	DX 52 020	DX 52 120	GW 50 416
DX 15 425	DX 15 525	DX 15 625	DX 15 725	DX 15 825	DX 15 925	DX 52 025	DX 52 125	GW 50 417
DX 15 432	DX 15 532	DX 15 632	DX 15 732	DX 15 832	DX 15 932	DX 52 032	DX 52 132	GW 50 418
DX 15 440		DX 15 640		DX 15 840		DX 52 040	DX 52 140	GW 50 419
DX 15 450		DX 15 650		DX 15 850		DX 52 050	DX 52 150	GW 50 420
						DX 52 063	DX 52 163	

FKHF RANGE HALOGEN-FREE SELF-RECOVERING PLIABLE CONDUIT - CLASS 2322			ACCESSORIES FOR CONDUIT		
Ø CONDUIT	Grey				
		with cable puller	GF coupling	TF cap	Conduit/box coupling
16	DX 23 216	DX 23 316	DX 52 016	DX 52 116	GW 50 415
20	DX 23 220	DX 23 320	DX 52 020	DX 52 120	GW 50 416
25	DX 23 225	DX 23 325	DX 52 025	DX 52 125	GW 50 417
32	DX 23 232	DX 23 332	DX 52 032	DX 52 132	GW 50 418
40	DX 23 240	DX 23 340	DX 52 040	DX 52 140	GW 50 419
50	DX 23 250	DX 23 350	DX 52 050	DX 52 150	GW 50 420
63	DX 23 263	DX 23 363	DX 52 063	DX 52 163	

ARCOBALENO SELF-EXTINGUISHING PLIABLE CONDUITS

CLASSIFICATION
3 3 2 1
EN 50086
EN 61386



FK15 MEDIUM PLIABLE CONDUIT

DX16216



MEDIUM NATURAL WHITE PLIABLE CONDUIT - PVC

Code	Conduits Ø (mm)	Pack. Carton.
TYPE: WITHOUT CABLE PULLER		
DX 16 216	16	100/5600
DX 16 220	20	100/4800
DX 16 225	25	50/2400
DX 16 232	32	25/1300
DX 16 240	40	25/500
DX 16 250	50	25/400
DX 16 263	63	20/400
TYPE: WITH CABLE PULLER		
DX 16 316	16	100/5600
DX 16 320	20	100/4800
DX 16 325	25	50/2400
DX 16 332	32	25/1300
DX 16 340	40	25/500
DX 16 350	50	25/400
DX 16 363	63	20/400

USE: natural white is recommended for the identification of the co-axial computer cables. the cable puller-feeder allows the wires to be pulled easily.

The compliance with the standards refers to the protective conduit, not the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.

DX15116



MEDIUM BLACK PLIABLE CONDUIT - PVC

Code	Conduits Ø (mm)	Pack. Carton.
TYPE: WITHOUT CABLE PULLER		
DX 15 016	16	100/5600
DX 15 020	20	100/4800
DX 15 025	25	50/2400
DX 15 032	32	25/1300
DX 15 040	40	25/500
DX 15 050	50	25/400
DX 15 063	63	20/400
TYPE: WITH CABLE PULLER		
DX 15 116	16	100/5600
DX 15 120	20	100/4800
DX 15 125	25	50/2400
DX 15 132	32	25/1300
DX 15 140	40	25/500
DX 15 150	50	25/400
DX 15 163	63	20/400

USE: black is recommended for the identification of the distribution and force lines. the cable puller-feeder allows the wires to be pulled easily.

The compliance with the standards refers to the protective conduit, not the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.

DX15216



MEDIUM GREEN PLIABLE CONDUIT - PVC

Code	Conduits Ø (mm)	Pack. Carton.
TYPE: WITHOUT CABLE PULLER		
DX 15 216	16	100/2400
DX 15 220	20	100/2000
DX 15 225	25	50/1000
DX 15 232	32	25/600
DX 15 240	40	25/500
DX 15 250	50	25/400
TYPE: WITH CABLE PULLER		
DX 15 316	16	100/2400
DX 15 320	20	100/2000
DX 15 325	25	50/1000
DX 15 332	32	25/600

USE: the green colour is recommended for identifying the telephone lines, BUS lines and domestic automation lines.

The cable puller-feeder allows the wires to be pulled easily.

The compliance with the Standards refers to the protective conduit, not the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.

DX15516



MEDIUM LIGHT BLUE PLIABLE CONDUIT - PVC

Code	Conduits Ø (mm)	Pack. Carton.
TYPE: WITHOUT CABLE PULLER		
DX 15 416	16	100/2400
DX 15 420	20	100/2000
DX 15 425	25	50/1000
DX 15 432	32	25/600
DX 15 440	40	25/500
DX 15 450	50	25/400
TYPE: WITH CABLE PULLER		
DX 15 516	16	100/2400
DX 15 520	20	100/2000
DX 15 525	25	50/1000
DX 15 532	32	25/600

USE: light blue is recommended for the identification of the entryphone lines. the cable puller-feeder allows the wires to be pulled easily.

The compliance with the standards refers to the protective conduit, not the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.

DX15616



MEDIUM BROWN PLIABLE CONDUIT - PVC

Code	Conduits Ø (mm)	Pack. Carton.
TYPE: WITHOUT CABLE PULLER		
DX 15 616	16	100/2400
DX 15 620	20	100/2000
DX 15 625	25	50/1000
DX 15 632	32	25/600
DX 15 640	40	25/500
DX 15 650	50	25/400
TYPE: WITH CABLE PULLER		
DX 15 716	16	100/2400
DX 15 720	20	100/2000
DX 15 725	25	50/1000
DX 15 732	32	25/600

USE: brown is recommended for the identification of the emergency light and alarm lines. the cable puller-feeder allows the wires to be pulled easily.

The compliance with the standards refers to the protective conduit, not the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.

DX 15916



MEDIUM LILAC PLIABLE CONDUIT - PVC

Code	Conduits Ø (mm)	Pack. Carton.
TYPE: WITHOUT CABLE PULLER		
DX 15 816	16	100/2400
DX 15 820	20	100/2000
DX 15 825	25	50/1000
DX 15 832	32	25/600
DX 15 840	40	25/500
DX 15 850	50	25/400
TYPE: WITH CABLE PULLER		
DX 15 916	16	100/2400
DX 15 920	20	100/2000
DX 15 925	25	50/1000
DX 15 932	32	25/600

USE: lilac is recommended for the identification of the cable radio and hi-fi lines. the cable puller-feeder allows the wires to be pulled easily.

The compliance with the standards refers to the protective conduit, not the cable puller-feeder. Do not expose the conduits to direct solar irradiation for long periods.

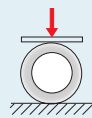
PLIABLE CONDUIT ICTA HALOGEN-FREE

CLASSIFICATION

3 4 2 2

EN 50086
EN 61386

750N

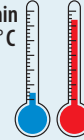


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INSTALLATION

min -5°C max +90°C



ICTA MEDIUM PLIABLE CONDUIT

DX20016



MEDIUM PLIABLE CONDUIT, GREY RAL 7035, HALOGEN-FREE, SELF-EXTINGUISHING AND SELF-RECOVERING - PP

Code	Conduits Ø (mm)	Pack. Carton.
TYPE: WITHOUT CABLE PULLER		
DX 20 016	16	100/4800
DX 20 020	20	100/4000
DX 20 025	25	50/2000
DX 20 032	32	25/1100
DX 20 040	40	25/500
DX 20 050	50	25/400
DX 20 063	63	20/400
TYPE: WITH CABLE PULLER		
DX 20 116	16	100/4800
DX 20 120	20	100/4000
DX 20 125	25	50/2000
DX 20 132	32	25/1100
DX 20 140	40	25/500
DX 20 150	50	25/400
DX 20 163	63	20/400

USE: The cable puller-feeder allows easy insertion of the conductors. Conformity to standards refers to the protective conduit and not to the cable puller-feeder.

NOTE: halogen-free, in accordance with Standard EN 50267-2-2. Do not expose the conduits to direct solar irradiation for long periods.

DX20516



MEDIUM PLIABLE CONDUIT, DARK GREY, HALOGEN-FREE, SELF-EXTINGUISHING AND SELF-RECOVERING - PP

Code	Conduits Ø (mm)	Pack. Carton.
TYPE: WITHOUT CABLE PULLER		
DX 20 416	16	100/4800
DX 20 420	20	100/4000
DX 20 425	25	50/2000
DX 20 432	32	25/1100
DX 20 440	40	25/500
DX 20 450	50	25/400
DX 20 463	63	20/400
TYPE: WITH CABLE PULLER		
DX 20 516	16	100/4800
DX 20 520	20	100/4000
DX 20 525	25	50/2000
DX 20 532	32	25/1100
DX 20 540	40	25/500
DX 20 550	50	25/400
DX 20 563	63	20/400

USE: The cable puller-feeder allows easy insertion of the conductors. Conformity to standards refers to the protective conduit and not to the cable puller-feeder.

NOTE: halogen-free, in accordance with Standard EN 50267-2-2. Do not expose the conduits to direct solar irradiation for long periods.

DX22016



MEDIUM PLIABLE CONDUIT, GREEN , HALOGEN-FREE, SELF-EXTINGUISHING AND SELF- RECOVERING - PP

Code	Conduits Ø (mm)	Pack. Carton.
TYPE: WITHOUT CABLE PULLER		
DX 22 016	16	100/4800
DX 22 020	20	100/4000
DX 22 025	25	50/2000
DX 22 032	32	25/1100
DX 22 040	40	25/500
DX 22 050	50	25/400
DX 22 063	63	20/400
TYPE: WITH CABLE PULLER		
DX 22 116	16	100/4800
DX 22 120	20	100/4000
DX 22 125	25	50/2000
DX 22 132	32	25/1100
DX 22 140	40	25/500
DX 22 150	50	25/400
DX 22 163	63	20/400

USE: the cable puller-feeder allows the wires to be pulled easily. The compliance with the Standards refers to the protective conduit, not the cable puller-feeder. Halogen-free, in compliance with Standard EN 50267-2-2. Do not expose the conduits to direct solar irradiation for long periods.

DX23016



MEDIUM PLIABLE CONDUIT, BLUE , HALOGEN-FREE, SELF-EXTINGUISHING AND SELF- RECOVERING - PP

Code	Conduits Ø (mm)	Pack. Carton.
TYPE: WITHOUT CABLE PULLER		
DX 23 016	16	100/4800
DX 23 020	20	100/4000
DX 23 025	25	50/2000
DX 23 032	32	25/1100
DX 23 040	40	25/500
DX 23 050	50	25/400
DX 23 063	63	20/400
TYPE: WITH CABLE PULLER		
DX 23 116	16	100/4800
DX 23 120	20	100/4000
DX 23 125	25	50/2000
DX 23 132	32	25/1100
DX 23 140	40	25/500
DX 23 150	50	25/400
DX 23 163	63	20/400

USE: the cable puller-feeder allows the wires to be pulled easily. The compliance with the Standards refers to the protective conduit, not the cable puller-feeder. Halogen-free, in compliance with Standard 50267-2-2. Do not expose the conduits to direct solar irradiation for long periods.

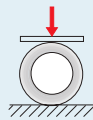
PLIABLE CONDUIT FKHF HALOGEN-FREE

CLASSIFICAZIONE

2 3 2 2

EN 50086
EN 61386

320N

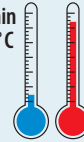


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INSTALLATION

min -5°C max +90°C



FKHF LIGHT PLIABLE CONDUIT

DX23216



LIGHT PLIABLE CONDUIT, GREY, HALOGEN-FREE, SELF-EXTINGUISHING AND SELF-RECOVERING - PP

Code	Conduits Ø (mm)	Pack. Carton.
TYPE: WITHOUT CABLE PULLER		
DX 23 216	16	100/4800
DX 23 220	20	100/4000
DX 23 225	25	50/2000
DX 23 232	32	25/1100
DX 23 240	40	25/500
DX 23 250	50	25/400
DX 23 263	63	20/400
TYPE: WITH CABLE PULLER		
DX 23 316	16	100/4800
DX 23 320	20	100/4000
DX 23 325	25	50/2000
DX 23 332	32	25/1100
DX 23 340	40	25/500
DX 23 350	50	25/400
DX 23 363	63	20/400

USE: The cable puller-feeder allows easy insertion of the conductors. Conformity to standards refers to the protective conduit and not to the cable puller-feeder. Halogen free in accordance with Standard EN 50267-2-2. Do not expose the conduits to direct solar irradiation for long periods.

COMPONENTS FOR PLIABLE CONDUITS

COUPLING

DX52016



GF PLIABLE CONDUIT COUPLING

Code	Conduits Ø (mm)	Pack. Carton.
DX 52 016	16	50/200
DX 52 020	20	50/150
DX 52 025	25	50/100
DX 52 032	32	25/75
DX 52 040	40	10/40
DX 52 050	50	10/40
DX 52 063	63	25

USE: for the jointing of corrugated conduits of the same diameter the corrugation creates a vacuum effect between the crest and its underside, making the connection highly effective.

MATERIAL: Soft transparent PVC.

CAPS

DX52116



TF PLIABLE CONDUIT CAP

Code	Conduits Ø (mm)	Pack. Carton.
DX 52 116	16	100/500
DX 52 120	20	100/400
DX 52 125	25	50/250
DX 52 132	32	25/125
DX 52 140	40	25/100
DX 52 150	50	25/75
DX 52 163	63	50

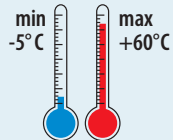
USE: protects tubing from undesired entry of liquids or solid bodies during the installation phase or when left empty.

Ready for the subsequent passage of the cables. Accidental obstructions are avoided, and the caps can be removed/re-used when the work is finished.

MATERIAL: PP - Grey RAL 7035.

COUPLINGS AND CABLE-GLANDS

INSTALLATION



GWT 750°C



EN 60695-2-11

GW50415



SHOCKPROOF POLYMER CONDUIT/BOX COUPLINGS GREY RAL 7035 - 50 AC RANGE

Code	For external conduits (mm)	Mounting hole Ø (mm)	IP with rigid conduit	IP with corrugated conduit	Pack. Carton.
GW 50 415	16	20	IP66	IP54	25/200
GW 50 416	20	23	IP66	IP54	25/200
GW 50 417	25	29	IP66	IP54	25/150
GW 50 418	32	37	IP66	IP54	10/100
GW 50 419	40	48	IP66	IP44	6/60
GW 50 420	50	54	IP66	IP44	5/50

CABLE PULLER-FEEDER

DX52205



ST Ø 3 MM NYLON CABLE PULLER-FEEDER

Code	Length (m)	Pack. Carton.
DX 52 205	5	1/10
DX 52 210	10	1/10
DX 52 215	15	1/10
DX 52 220	20	1/10
DX 52 225	25	1/10

USE: for the insertion of electrical cables into protective conduits, consisting of a solid nylon rod 3 mm in diameter giving the probe extreme lightness and flexibility, ideal for systems with short and simple sections. It is also equipped at one end with a probe with extreme resistance to wear and therefore very durable.

DX52305



STS Ø 4 MM NYLON CABLE PULLER-FEEDER AND ACCESSORIES

Code	Description	Length (m)	Pack. Carton.
DX 52 305		5	1/40
DX 52 310		10	1/25
DX 52 315		15	1/15
DX 52 320		20	1/15
DX 52 325		25	1/15
DX 52 299	Flexible head		10/200
DX 52 399	Tail ring		10/200

USE: this probe is powerful and flexible, allowing it to cope with even sharp bends in conduit, thanks to a 4mm nylon rod and soft flexible head. The interchangeability of the head with the tail ring also helps to reduce the times for inserting the cables in short sections.









DF range





Flexible protective conduit systems

Flexible sheaths for industrial applications.

- High flexibility and oil resistance.
- 3 colours for greater versatility.
- Connectors available in fixed and rotary versions, with metric, PG and GAS pitch.
- Connectors with IP54 protection class.
- Curved connectors for connections with limited space available.



SHEATH Ø (mm)	SPIRALLED SHEATHS				ROTATING STRAIGHT PIPE FITTINGS - RD IP 54 RANGE					
	DIFLEX range			LIGHT range	RDM			RDG		
	Grey	Black	Blue	Grey		Grey	Black		Grey	Black
					ISO pitch			GAS pitch		
8	DX 30 008	DX 30 108			M12x1	DX 54 008	DX 54 108	1/4"	DX 54 208	DX 54 308
10	DX 30 010	DX 30 110			M16x1.5	DX 54 010	DX 54 110	1/4"	DX 54 210	DX 54 310
12	DX 30 012	DX 30 112	DX 30 212	DX 30 812	M16x1.5	DX 54 012	DX 54 112	3/8"	DX 54 212	DX 54 312
14	DX 30 014	DX 30 114						1/2"	DX 54 214	DX 54 314
16	DX 30 016	DX 30 116	DX 30 216	DX 30 816	M20x1.5	DX 54 016	DX 54 116	1/2"	DX 54 216	DX 54 316
20	DX 30 020	DX 30 120	DX 30 220	DX 30 820	M25x1.5	DX 54 020	DX 54 120	3/4"	DX 54 220	DX 54 320
22	DX 30 022	DX 30 122	DX 30 222		M25x1.5	DX 54 022	DX 54 122	3/4"	DX 54 222	DX 54 322
25	DX 30 025	DX 30 125	DX 30 225	DX 30 825	M32x1.5	DX 54 025	DX 54 125	1"	DX 54 225	DX 54 325
28	DX 30 028	DX 30 128			M32x1.5	DX 54 028	DX 54 128	1"	DX 54 228	DX 54 328
32	DX 30 032	DX 30 132	DX 30 232		M40x1.5	DX 54 032	DX 54 132	1 1/4"	DX 54 232	DX 54 332
35	DX 30 035	DX 30 135						1 1/4"	DX 54 235	DX 54 335
40	DX 30 040	DX 30 140	DX 30 240		M50x1.5	DX 54 040	DX 54 140	1 1/2"	DX 54 240	DX 54 340
50	DX 30 050	DX 30 150			M63x1.5	DX 54 050	DX 54 150	2"	DX 54 250	DX 54 350
60	DX 30 060	DX 30 160								

SHEATH Ø (mm)	ROTATING CURVED PIPE FITTINGS - RC RANGE IP54				PIPE FITTINGS IP65						
	RCG		RCPG		RMG conduit-sheath pipe fitting		New RMG/N conduit-sheath pipe fitting		MDG-G sheath-sheath coupling	RGC sheath-cable pipe fitting	
	GAS pitch	Grey	PG pitch	Grey	Ø Conduit		Ø Conduit			Ø Cable	
8											
10	1/4"	DX 55 010	9	DX 55 210							
12	3/8"	DX 55 012	11 13.5	DX 55 212 DX 55 213	16	DX 43 316			DX 55 812		
14											
16	1/2"	DX 55 016	13.5 16	DX 55 216 DX 55 217	20	DX 43 320	16	DX 43 416	DX 55 816	3-6 6-9 9-12	DX 55 613 DX 55 616 DX 55 619
20	3/4"	DX 55 020	21	DX 55 220	25	DX 43 325	20	DX 43 420	DX 55 820	3-6 6-9 9-12	DX 55 623 DX 55 626 DX 55 629
22											
25	1"	DX 55 025	29	DX 55 225	32	DX 43 332	25	DX 43 425			
28							32	DX 43 432			
32	1 1/4"	DX 55 032	36	DX 55 232	40	DX 43 340					
35											
40					50	DX 43 350	40	DX 43 440			

DF RANGE

FIXED STRAIGHT PIPE FITTINGS- RUN IP 54 RANGE

RDPG			RUN-M				RUN-G		RUN-PG	
PG pitch	Grey	Black	ISO pitch	Grey	GAS pitch	Grey	PG pitch	Grey		
7										
7	DX 54 408	DX 54 508	M12x1	DX 56 008	1/4"	DX 56 208	7	DX 56 408		
7 9	DX 54 410 DX 54 411	DX 54 510 DX 54 511	M16x1.5	DX 56 010	1/4"	DX 56 210	7	DX 56 410		
11 13,5	DX 54 412 DX 54 413	DX 54 512 DX 54 513	M16x1.5	DX 56 012	3/8"	DX 56 212	9 11 13.5	DX 56 411 DX 56 412 DX 56 413		
13.5	DX 54 414	DX 54 514	M16x1.5	DX 56 014	1/2"	DX 56 214	13.5	DX 56 414		
13.5 16	DX 54 416 DX 54 417	DX 54 516 DX 54 517	M20x1.5	DX 56 016	1/2"	DX 56 216	11 13.5 16	DX 56 415 DX 56 416 DX 56 417		
21	DX 54 420	DX 54 520	M25x1.5	DX 56 022	3/4"	DX 56 222	16 21	DX 56 422 DX 56 423		
21	DX 54 422	DX 54 522	M25x1.5	DX 56 022	3/4"	DX 56 222	16 21	DX 56 422 DX 56 423		
29	DX 54 425	DX 54 525	M25x1.5	DX 56 025	3/4"	DX 56 225	21	DX 56 425		
29	DX 54 428	DX 54 528	M32x1.5	DX 56 028	1"	DX 56 228	29	DX 56 428		
36	DX 54 432	DX 54 532			1 1/4"	DX 56 232	36	DX 56 432		
36	DX 54 435	DX 54 535			1 1/4"	DX 56 235	36	DX 56 435		
			M40x1.5	DX 56 040	1 1/4"	DX 56 240	42	DX 56 440		
			M50x1.5	DX 56 050	2"	DX 56 250	48	DX 56 450		

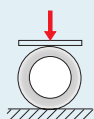
INSULATING SHEATHS

CLASSIFICATION

2311

EN 50086
EN 61386

320N

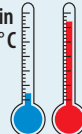


2 J



INSTALLATION

min
+5°C



max
+60°C



DIFLEX SPIRALLED SHEATH

DX30008



DIFLEX SPIRALLED SHEATH - GREY RAL 7035 - PVC

Code	Sheath Ø (mm)	Pack. Carton.
DX 30 008	8	30/2070
DX 30 010	10	30/1800
DX 30 012	12	30/1800
DX 30 014	14	30/1440
DX 30 016	16	30/1080
DX 30 020	20	30/1080
DX 30 022	22	30/720
DX 30 025	25	30/600
DX 30 028	28	30/480
DX 30 032	32	30/480
DX 30 035	35	30/480
DX 30 040	40	30/360
DX 30 050	50	30/180
DX 30 060	60	30/120

All measurements shown are internal diameters.

DX30108



DIFLEX SPIRALLED SHEATH - BLACK RAL 9005 - PVC

Code	Sheath Ø (mm)	Pack. Carton.
DX 30 108	8	30/2070
DX 30 110	10	30/1800
DX 30 112	12	30/1800
DX 30 114	14	30/1440
DX 30 116	16	30/1080
DX 30 120	20	30/1080
DX 30 122	22	30/720
DX 30 125	25	30/600
DX 30 128	28	30/480
DX 30 132	32	30/480
DX 30 135	35	30/480
DX 30 140	40	30/360
DX 30 150	50	30/180
DX 30 160	60	30/120

All measurements shown are internal diameters.

DX30212



DIFLEX SPIRALLED SHEATH - LIGHT BLUE - PVC

Code	Sheath Ø (mm)	Pack. Carton.
DX 30 212	12	30/1800
DX 30 216	16	30/1080
DX 30 220	20	30/1080
DX 30 222	22	30/720
DX 30 225	25	30/600
DX 30 232	32	30/480
DX 30 240	40	30/360

All measurements shown are internal diameters.

COUPLINGS

ROTATING UNIONS

DX54008



STRAIGHT, REVOLVING COUPLING DEVICE METRIC PITCH - RDM - IP54

Code	Sheath Ø (mm)	ISO pitch	Pack. Carton.
COLOUR: GREY RAL 7035			
DX 54 008	8	M 12x1	20/180
DX 54 010	10	M 16x1,5	20/160
DX 54 012	12	M 16x1,5	10/100
DX 54 016	16	M 20x1,5	10/150
DX 54 020	20	M 25x1,5	10/100
DX 54 022	22	M 25x1,5	10/100
DX 54 025	25	M 32x1,5	5/60
DX 54 028	28	M 32x1,5	5/40
DX 54 032	32	M 40x1,5	5/30
DX 54 040	40	M 50x1,5	25
DX 54 050	50	M 63x1,5	15
COLOUR: BLACK RAL 9005			
DX 54 108	8	M 12x1	20/180
DX 54 110	10	M 16x1,5	20/160
DX 54 112	12	M 16x1,5	10/100
DX 54 116	16	M 20x1,5	10/150
DX 54 120	20	M 25x1,5	10/100
DX 54 122	22	M 25x1,5	10/100
DX 54 125	25	M 32x1,5	5/60
DX 54 128	28	M 32x1,5	5/40
DX 54 132	32	M 40x1,5	5/30
DX 54 140	40	M 50x1,5	25
DX 54 150	50	M 63x1,5	15

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with metric pitch or in non-threaded holes via the nut and gasket supplied.

DX54208



STRAIGHT, REVOLVING COUPLING DEVICE - GAS PITCH - RDG - IP54

Code	Sheath Ø (mm)	GAS pitch	Pack. Carton.
COLOUR: GREY RAL 7035			
DX 54 208	8	1/4"	20/180
DX 54 210	10	1/4"	20/160
DX 54 212	12	3/8"	10/100
DX 54 214	14	1/2"	10/150
DX 54 216	16	1/2"	10/150
DX 54 220	20	3/4"	10/100
DX 54 222	22	3/4"	10/100
DX 54 225	25	1"	5/60
DX 54 228	28	1"	5/40
DX 54 232	32	1 1/4"	5/30
DX 54 235	35	1 1/4"	5/30
DX 54 240	40	1 1/2"	25
DX 54 250	50	2"	15
COLOUR: BLACK RAL 9005			
DX 54 308	8	1/4"	20/180
DX 54 310	10	1/4"	20/160
DX 54 312	12	3/8"	10/100
DX 54 314	14	1/2"	10/150
DX 54 316	16	1/2"	10/150
DX 54 320	20	3/4"	10/100
DX 54 322	22	3/4"	10/100
DX 54 325	25	1"	5/60
DX 54 328	28	1"	5/40
DX 54 332	32	1 1/4"	5/30
DX 54 335	35	1 1/4"	5/30
DX 54 340	40	1 1/2"	25
DX 54 350	50	2"	15

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with GAS pitches or in non-threaded holes via the nut and gasket supplied.

DX 54408



STRAIGHT, REVOLVING COUPLING DEVICE - PG PITCH - RDPG - IP54

Code	Sheath Ø (mm)	PG pitch	Pack. Carton.
COLOUR: GREY RAL 7035			
DX 54 408	8	7	20/180
DX 54 410	10	7	20/160
DX 54 411	10	9	20/160
DX 54 412	12	11	10/100
DX 54 413	12	13.5	10/100
DX 54 414	14	13.5	10/150
DX 54 416	16	13.5	10/150
DX 54 417	16	16	10/150
DX 54 420	20	21	10/100
DX 54 422	22	21	10/100
DX 54 425	25	29	5/60
DX 54 428	28	29	5/40
DX 54 432	32	36	5/30
DX 54 435	35	36	5/30
COLOUR: BLACK RAL 9005			
DX 54 508	8	7	20/180
DX 54 510	10	7	20/160
DX 54 511	10	9	20/160
DX 54 512	12	11	10/100
DX 54 513	12	13.5	10/100
DX 54 514	14	13.5	10/150
DX 54 516	16	13.5	10/150
DX 54 517	16	16	10/150
DX 54 520	20	21	10/100
DX 54 522	22	21	10/100
DX 54 525	25	29	5/60
DX 54 528	28	29	5/40
DX 54 532	32	36	5/30
DX 54 535	35	36	5/30

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with Pg pitches or in non-threaded holes via the nut and gasket supplied.

DX 55010



CURVED, REVOLVING COUPLING DEVICE - GAS PITCH - RCG - IP54

Code	Sheath Ø (mm)	GAS pitch	Pack. Carton.
COLOUR: GREY RAL 7035			
DX 55 010	10	1/4"	20/120
DX 55 012	12	3/8"	10/60
DX 55 016	16	1/2"	10/110
DX 55 020	20	3/4"	10/60
DX 55 025	25	1"	10/30
DX 55 032	32	1 1/4"	5/15

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with GAS pitches or in non-threaded holes via the nut and gasket supplied.

DX 55210



CURVED, REVOLVING COUPLING DEVICE - PG PITCH - RCPG - IP54

Code	Sheath Ø (mm)	PG pitch	Pack. Carton.
COLOUR: GREY RAL 7035			
DX 55 210	10	9	20/120
DX 55 212	12	11	10/60
DX 55 213	12	13.5	10/60
DX 55 216	16	13.5	10/110
DX 55 217	16	16	10/110
DX 55 220	20	21	10/60
DX 55 225	25	29	10/30
DX 55 232	32	36	5/15

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with Pg pitches or in non-threaded holes via the nut and gasket supplied.

①=May 2010

②=June 2010

③=September 2010

FIXED UNIONS

DX56008



STRAIGHT, FIXED COUPLING DEVICE - METRIC PITCH - RUN-M - IP54

Code	Sheath Ø (mm)	ISO pitch	Pack. Carton.
COLOUR: GREY RAL 7035			
DX 56 008	8	M12x1	20/160
DX 56 010	10	M16x1,5	10/170
DX 56 012	12	M16x1,5	10/150
DX 56 014	14	M16x1,5	10/130
DX 56 016	16	M20x1,5	10/110
DX 56 022	20 - 22	M25x1,5	10/50
DX 56 025	25	M25x1,5	10/50
DX 56 028	28	M32x1,5	10/40
DX 56 040	40	M40 x 1,5	15
DX 56 050	50	M50 x 1,5	12

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with metric pitches or in non-threaded holes via the nut and gasket supplied.

DX56208



STRAIGHT, FIXED COUPLING DEVICE - GAS PITCH - RUN-G - IP54

Code	Sheath Ø (mm)	GAS pitch	Pack. Carton.
COLOUR: GREY RAL 7035			
DX 56 208	8	1/4"	20/160
DX 56 210	10	1/4"	10/170
DX 56 212	12	3/8"	10/150
DX 56 214	14	1/2"	10/130
DX 56 216	16	1/2"	10/110
DX 56 222	20 - 22	3/4"	10/50
DX 56 225	25	3/4"	10/50
DX 56 228	28	1"	10/40
DX 56 232	32	1 1/4"	3/18
DX 56 235	35	1 1/4"	3/18
DX 56 240	40	1 1/2"	15
DX 56 250	50	2"	12

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with GAS pitches or in non-threaded holes via the nut and gasket supplied.

DX56408



STRAIGHT, FIXED COUPLING DEVICE - PG PITCH - RUN-PG - IP54

Code	Sheath Ø (mm)	PG pitch	Pack. Carton.
COLOUR: GREY RAL 7035			
DX 56 408	8	7	20/160
DX 56 410	10	7	10/170
DX 56 411	12	9	10/150
DX 56 412	12	11	10/150
DX 56 413	12	13.5	10/150
DX 56 414	14	13.5	10/130
DX 56 415	16	11	10/110
DX 56 416	16	13.5	10/110
DX 56 417	16	16	10/110
DX 56 422	20 - 22	16	10/50
DX 56 423	20 - 22	21	10/50
DX 56 425	25	21	10/50
DX 56 428	28	29	10/40
DX 56 432	32	36	3/18
DX 56 435	35	36	3/18
DX 56 440	40	42	15
DX 56 450	50	48	12

USE: for the coupling of spiral sheaths to junction boxes in threaded holes with Pg pitches or in non-threaded holes via the nut and gasket supplied.

CONDUIT-SHEATH UNIONS

DX43316



RMG MORBIDX RELEASE CONDUIT-SHEATH UNION - IP65

Code	Conduits Ø (mm)	Sheath Ø (mm)	Characteristics	Pack. Carton.
DX 43 316	16	12	Halogen free	10/450
DX 43 320	20	16	Halogen free	10/300
DX 43 325	25	20	Halogen free	5/210
DX 43 332	32	25	Halogen free	5/120
DX 43 340	40	32	Halogen free	5/25
DX 43 350	50	40	Halogen free	5/20

NOTE: Halogen free in accordance with Standard EN 50267-2-2.

DX43416



MORBIDX RMG/N NEW RELEASE CONDUIT-SHEATH UNION - IP65

Code	Conduits Ø (mm)	Sheath Ø (mm)	Characteristics	Pack. Carton.
DX 43 416	16	16	Halogen free	10/360
DX 43 420	20	20	Halogen free	10/240
DX 43 425	25	25	Halogen free	5/150
DX 43 432	32	28	Halogen free	5/40
DX 43 440	40	40	Halogen free	5/20

USE: DX43432: coupling of a rigid conduit with a DIFLEX Range spiralled sheath; allows the maintenance of the same internal diameter in correspondence with the joint: the internal section designed for cable passage remains constant, increasing the usable space available to the system conductors.
NOTE: halogen-free, in accordance with Standard EN 50267-2-2.

SHEATH-SHEATH COUPLINGS - IP65

DX55812



MDG-G STRAIGHT ROTATING SHEATH-SHEATH COUPLING

Code	Sheath Ø (mm)	Pack. Carton.
DX 55 812	12	10/360
DX 55 816	16	10/240
DX 55 820	20	10/180

SHEATH-CABLE COUPLINGS - IP65

DX55613



RGC RELEASE SHEATH-CABLE UNION

Code	Sheath Ø (mm)	For cables Ø (mm)	Pack. Carton.
DX 55 613	16	3 - 6	10/100
DX 55 616	16	6 - 9	10/100
DX 55 619	16	9 - 12	10/100
DX 55 623	20	3 - 6	10/80
DX 55 626	20	6 - 9	10/80
DX 55 629	20	9 - 12	10/80

USE: coupling for sheath entry diameter 16 and 20 and cable gland output for cables of diameter mm 3-6, 6-9, 9-12; allows rapid connection to ceiling-mounting luminaires, electrical boards and devices guaranteeing the output cable an IP65 watertight protection rating.

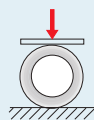
SHEATH FOR NON-HEAVY DUTY USES

CLASSIFICATION

1311

EN 50086
EN 61386

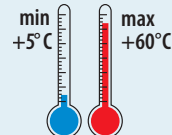
125N



2J



INSTALLATION



LIGHT SPIRALLED SHEATH

DX30812



LIGHT SPIRALLED SHEATH - GREY RAL 7035 - PVC

Code	Sheath Ø (mm)	Pack. Carton.
DX 30 812	12	30/1800
DX 30 816	16	30/1080
DX 30 820	20	30/1080
DX 30 825	25	30/600

FU and PZ ranges

Cable duct and well systems


Cable duct and electrical well systems suitable for buried systems and junctions.



















- Wells with pre-cut walls.
- High-resistance lids, possibly equipped with seals and screws.
- Overlapping wells.
- Double-wall cable duct with perfectly smooth inner surface.
- Special cable duct geometry to create minimum curvature radius.



FU AND PZ RANGE

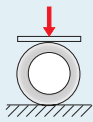
CABLE DUCT AND WELL SYSTEMS

CORRUGATED CABLE DUCTS DOUBLE SURFACE FU RANGE		
Diameter (mm)	Corrugated cable ducts	Couplings
		
40	DX 35 000	DX 58 200
50	DX 35 001	DX 58 201
63	DX 35 002	DX 58 202
75	DX 35 003	DX 58 203
90	DX 35 004	DX 58 204
110	DX 35 005	DX 58 205
125	DX 35 006	DX 58 206
140	DX 35 007	DX 58 207
160	DX 35 008	DX 58 208
200	DX 35 009	DX 58 209

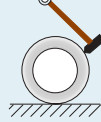
THERMOPLASTIC ELECTRICAL WELLS, PZ RANGE												
Dimensions (mm)	Wells with closed covers	Wells without covers	Cover						Separator plate	Sealing gaskets	Kit containing 4 screws	Central bolt for lifting kit
			Closed			Gridded						
			Grey	Green	Blue	Grey	Green	Blue				
Square base wells												
200x200x200	DX 59 401	DX 59 402	DX 59 410	DX 59 430	-	DX 59 411	DX 59 431	-	DX 59 440	DX 59 451	DX 59 450	-
300x300x300	DX 59 701	DX 59 702	DX 59 710	DX 59 730	-	DX 59 711	DX 59 731	-	DX 59 740	DX 59 751	DX 59 450	-
400x400x400	DX 59 801	DX 59 802	DX 59 810	DX 59 830	-	DX 59 811	DX 59 831	-	DX 59 840	DX 59 851	DX 59 452	DX 59 453
550x550x520	DX 59 901	DX 59 902	DX 59 910	DX 59 930	-	DX 59 911	DX 59 931	-	DX 59 940	DX 59 951	DX 59 452	DX 59 453
Rectangular base wells												
360x260x326	DX 59 501	DX 59 502	DX 59 511	DX 59 230	DX 59 220	DX 59 520	DX 59 231	DX 59 221	Transversal DX 59 240 Longitudinal DX 59 241 Diagonal DX 59 242	DX 59 551	DX 59 650	

CABLE DUCT

450N



5 kg



DOUBLE-WALL CORRUGATED CABLE DUCT IN HIGH-DENSITY PE

DX35000



FU 15 DOUBLE WALL CORRUGATED CABLE DUCT WITH CABLE PULLER-FEEDER - ORANGE

Code	Cable duct Ø (mm)	Impact resistance	Pack. Carton.
DX 35 000	40	15 J	50/400
DX 35 001	50	15 J	50/350
DX 35 002	63	20 J	50/300
DX 35 003	75	20 J	50/250
DX 35 004	90	20 J	50/250
DX 35 005	110	28 J	50/200
DX 35 006	125	28 J	25/100
DX 35 007	140	28 J	25/100
DX 35 008	160	40 J	25/100
DX 35 009	200	40 J	25

ACCESSORIES SUPPLIED: 1 junction coupling per package.

CHARACTERISTICS: minimum bend range equal to 8 times the outer diameter of the cable duct.

COUPLING

DX58200



FUM JUNCTION COUPLING

Code	Cable duct Ø (mm)	Pack. Carton.
DX 58 200	40	1/12
DX 58 201	50	1/12
DX 58 202	63	1/12
DX 58 203	75	1/12
DX 58 204	90	1/12
DX 58 205	110	1/12
DX 58 206	125	1/12
DX 58 207	140	1/12
DX 58 208	160	1/12
DX 58 209	200	1/6

THERMOPLASTIC WELLS

SQUARE WELLS

DX59401



SQUARE WELL 200X200X200 - PZ

Code	Description	Characteristics	Colour	Pack. Carton.
DX 59 401	Square well	Flat knockout base and high resistance lid	Grey	1/60
DX 59 402	Square well	Flat semi-pierced base for boosting	Grey	1/60
DX 59 410	Closed cover	High resistance	Grey	1/5
DX 59 430	Closed cover	High resistance	Green	1/5
DX 59 411	Gridded cover	High resistance	Grey	1/5
DX 59 431	Gridded cover	High resistance	Green	1/5
DX 59 440	Separator plate			1/10
DX 59 451	Seal			1/10
DX 59 450	4 screws kit	Self-threading steel screws		1/50

DX59701



SQUARE WELL 300X300X300 - PZ

Code	Description	Characteristics	Colour	Pack. Carton.
DX 59 701	Square well	Flat knockout base and high resistance lid	Grey	1/36
DX 59 702	Square well	Flat semi-pierced base for boosting	Grey	1/36
DX 59 710	Closed cover	High resistance	Grey	1/5
DX 59 730	Closed cover	High resistance	Green	1/5
DX 59 711	Gridded cover	High resistance	Grey	1/5
DX 59 731	Gridded cover	High resistance	Green	1/5
DX 59 740	Separator plate			1/10
DX 59 751	Seal			1/10
DX 59 450	4 screws kit	Self-threading steel screws		1/50

DX59801



SQUARE WELL 400X400X400 - PZ

Code	Description	Characteristics	Colour	Pack. Carton.
DX 59 801	Square well	Flat knockout base and high resistance lid	Grey	1/18
DX 59 802	Square well	Flat semi-pierced base for boosting	Grey	1/18
DX 59 810	Closed cover	High resistance	Grey	1/5
DX 59 830	Closed cover	High resistance	Green	1/5
DX 59 811	Gridded cover	High resistance	Grey	1/5
DX 59 831	Gridded cover	High resistance	Green	1/5
DX 59 840	Separator plate			1/10
DX 59 851	Seal			1/10
DX 59 452	4 screws kit	Self-threading steel screws		1/50
DX 59 453	Kit - central bolt for lifting			1/20

DX59901



SQUARE WELL 550X550X520 - PZ

Code	Description	Characteristics	Colour	Pack. Carton.
DX 59 901	Square well	Flat knockout base and high resistance lid	Grey	1/8
DX 59 902	Square well	Flat semi-pierced base for boosting	Grey	1/8
DX 59 910	Closed cover	High resistance	Grey	1/5
DX 59 930	Closed cover	High resistance	Green	1/5
DX 59 911	Gridded cover	High resistance	Grey	1/5
DX 59 931	Gridded cover	High resistance	Green	1/5
DX 59 940	Separator plate			1/10
DX 59 951	Seal			1/10
DX 59 452	4 screws kit	Self-threading steel screws		1/50
DX 59 453	Kit - central bolt for lifting			1/20

RECTANGULAR WELLS

DX59501



RECTANGULAR WELL 360X260X320 - PZ

Code	Characteristics	Accessories supplied	Colour	Pack. Carton.
DX 59 501	Flat semi-pierced base	Cover high resistance and 4 S/Steel screws	Grey	1
DX 59 502	Flat semi-pierced base for boosting	4 stainless steel screws	Grey	1

NOTE: the lids supplied are without the gasket, available as an accessory DX59551.



COVERS AND COMPONENTS

Code	Description	Characteristics	Colour	Pack. Carton.
DX 59 511	Closed cover	High resistance	Grey	1/6
DX 59 520	Gridded cover		Grey	1/6
DX 59 220	Closed cover		Light blue	1/6
DX 59 221	Gridded cover		Light blue	1/6
DX 59 230	Closed cover		Green	1/6
DX 59 231	Gridded cover		Green	1/6
DX 59 240	Separator plate	Cross		1/6
DX 59 241	Separator plate	Longitudinal		1/4
DX 59 242	Separator plate	Diagonal		1/4
DX 59 551	Seal			1/10
DX 59 650	4 screws kit	Self-threading steel screws		1/50

NP 40 range

Mini trunking systems

PVC mini trunking that may be integrated with trunking used for skirting and framing. Highly convenient assembly thanks to press-on components.

- Universal device-holding boxes dedicated to the System range.
- High lid stability thanks to the elasticity of the sealing profile.
- Universal pliers for quick cutting of all mini trunking.



NP 40 RANGE

MINI TRUNKING SYSTEMS

MINI TRUNKING CABLE CARRIERS AND DEVICE-HOLDERS									
MINI TRUNKING			ROUTING COMPONENTS						
Trunking type	Dimensions LxH (mm)	Trunking White RAL 9010	External corner	Internal corner	Flat angle	T junction	Joint	End cover	Junction box
SINGLE-DUCT	22 x 10	NP 40 026	NP 40 102	NP 40 144	NP 40 202	NP 40 244	NP 40 302	NP 40 344	NP 40 562
	15 x 15	NP 40 044	NP 40 114	NP 40 156	NP 40 214	NP 40 256	NP 40 314	NP 40 356	NP 40 562
	20 x 20	NP 40 062	NP 40 132	NP 40 174	NP 40 232	NP 40 274	NP 40 332	NP 40 374	NP 40 562
	30 x 15	NP 40 050	NP 40 120	NP 40 162	NP 40 220	NP 40 262	NP 40 320	NP 40 362	NP 40 562
TWO-DUCT	22 x 10	NP 40 032	NP 40 102	NP 40 144	NP 40 202	NP 40 244	NP 40 302	NP 40 344	NP 40 562
	30 x 10	NP 40 038	NP 40 108	NP 40 150	NP 40 208	NP 40 250	NP 40 308	NP 40 350	NP 40 562
	35 x 15	NP 40 056	NP 40 126	NP 40 168	NP 40 226	NP 40 268	NP 40 326	NP 40 368	NP 40 562
	45 x 15	NP 40 068	NP 40 138	NP 40 180	NP 40 238	NP 40 280			NP 40 562
MINI-CLIP	12 x 7	NP 40 002							
	10 x 10	NP 40 008							
	15 x 10	NP 40 014							
MINI-S	6 x 7	NP 40 019 NP 40 020*							
	8 x 9	NP 40 021 NP 40 022*							

* Transparent colour

ACCESSORIES

Pliers for mini trunking



NP 40 581

MINI TRUNKING CABLE CARRIERS AND DEVICE-HOLDERS

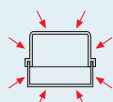
SELF-SUPPORTING DEVICE BOXES					UNIVERSAL DEVICE BOXES		
1 gang	2 gang	3 gang	4 gang	8 gang	3 gang (centre distance 83.5mm)	4 gang (centre distance 108.5mm)	12 gang (6 + 6) (centre distance 163mm)
GW 27 603	GW 27 609	GW 27 615	GW 27 621	GW 27 627	NP 40 432	NP 40 438	NP 40 444
GW 27 603	GW 27 609	GW 27 615	GW 27 621	GW 27 627	NP 40 432	NP 40 438	NP 40 444
GW 27 603	GW 27 609	GW 27 615	GW 27 621	GW 27 627	NP 40 432	NP 40 438	NP 40 444
GW 27 603	GW 27 609	GW 27 615	GW 27 621	GW 27 627	NP 40 432	NP 40 438	NP 40 444
GW 27 603	GW 27 609	GW 27 615	GW 27 621	GW 27 627	NP 40 432	NP 40 438	NP 40 444
GW 27 603	GW 27 609	GW 27 615	GW 27 621	GW 27 627	NP 40 432	NP 40 438	NP 40 444
GW 27 603	GW 27 609	GW 27 615	GW 27 621	GW 27 627	NP 40 432	NP 40 438	NP 40 444
GW 27 603	GW 27 609	GW 27 615	GW 27 621	GW 27 627	NP 40 432	NP 40 438	NP 40 444

NP 40 RANGE

MINI TRUNKING SYSTEMS

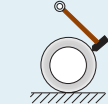
MINITRUNKING AND DEVICE HOLDERS

IP40



EN 60529

2 J



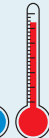
EN 50085 (CEI 23-32)

INSTALLATION

min
-5°C



max
+60°C



SINGLE DUCT

NP40026



TRUNKING WITH COVER - LENGTH: 2 METRES

Code	Dimensions LxH (mm)	Section (mm ²)	Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 40 026	22 x 10	140	100
NP 40 044	15 x 15	150	100
NP 40 062	20 x 20	200	88
NP 40 050	30 x 15	380	66

DOUBLE DUCT

NP40032



TRUNKING WITH COVER - LENGTH: 2 METRES

Code	Dimensions LxH (mm)	Section (mm ²)	Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 40 032	22 x 10	2 x 60	100
NP 40 038	30 x 10	2 x 95	60
NP 40 056	35 x 15	2 x 200	50
NP 40 068	45 x 15	2 x 280	42

MINI-CLIP

NP40002



TRUNKING DUCT WITH HINGED COVER - LENGTH: 2 METRES

Code	Dimensions LxH (mm)	Section (mm ²)	Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 40 002	12 x 7	40	100
NP 40 008	10 x 10	55	100
NP 40 014	15 x 10	95	100

MINI-S

NP40019



TRUNKING DUCT WITHOUT COVER - LENGTH: 2 METRES

Code	Dimensions LxH (mm)	Section (mm ²)	Pack. Carton.
COLOUR: WHITE RAL 9001			
NP 40 019	6x7	30	40
NP 40 021	8x9	45	40
COLOUR: TRANSPARENT			
NP 40 020	6x7	30	40
NP 40 022	8x9	45	40

ROUTING COMPONENTS

COMPONENTS FOR SINGLE AND DOUBLE DUCT

NP40102



EXTERNAL CORNER

Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 40 102	22 x 10	20
NP 40 114	15 x 15	20
NP 40 132	20 x 20	20
NP 40 108	30 x 10	20
NP 40 120	30 x 15	20
NP 40 126	35 x 15	20
NP 40 138	45 x 15	20

NP40144



INTERNAL CORNER

Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 40 144	22 x 10	20
NP 40 156	15 x 15	20
NP 40 174	20 x 20	20
NP 40 150	30 x 10	20
NP 40 162	30 x 15	20
NP 40 168	35 x 15	20
NP 40 180	45 x 15	20

NP40202



FLAT ANGLE

Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 40 202	22 x 10	20
NP 40 214	15 x 15	20
NP 40 232	20 x 20	20
NP 40 208	30 x 10	20
NP 40 220	30 x 15	20
NP 40 226	35 x 15	20
NP 40 238	45 x 15	20

NP40244



T JUNCTION

Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 40 244	22 x 10	20
NP 40 256	15 x 15	20
NP 40 274	20 x 20	20
NP 40 250	30 x 10	20
NP 40 262	30 x 15	20
NP 40 268	35 x 15	20
NP 40 280	45 x 15	20

NP40302



JOINT

Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 40 302	22 x 10	20
NP 40 314	15 x 15	20
NP 40 332	20 x 20	20
NP 40 308	30 x 10	20
NP 40 320	30 x 15	20
NP 40 326	35 x 15	20

NP 40 RANGE

MINI TRUNKING SYSTEMS

NP40344



END COVER		
Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 40 344	22 x 10	20
NP 40 356	15 x 15	20
NP 40 374	20 x 20	20
NP 40 350	30 x 10	20
NP 40 362	30 x 15	20
NP 40 368	35 x 15	20

NP40562



JUNCTION BOX FOR MINI TRUNKING		
Code	Colour	Pack. Carton.
NP 40 562	White RAL 9010	10

CHARACTERISTICS: suitable for all mini trunking sizes, mono and double-duct.

COMPLEMENTARY ITEMS

NP40581



UNIVERSAL PLIERS FOR MINI TRUNKING		
Code	Suitable for	Pack. Carton.
NP 40 581	All mini trunking	1

NP40581



SELF-SUPPORTING DEVICE BOXES FOR SYSTEM RANGE GEWISS EQUIPMENT FOR SINGLE- AND TWIN-TRUNKING		
Code	No. gangs	Pack. Carton.
COLOUR: WHITE RAL 9010		
GW 27 603	1	10
GW 27 609	2	10
GW 27 615	3	10
GW 27 621	4	10
GW 27 627	8	5

NP40432



UNIVERSAL DEVICE BOXES FOR SUPPORTS/PLATES - STANDARD ITALIAN FOR SINGLE- AND TWIN-TRUNKING				
Code	No. gangs	Configuration	Installable support./plates	Pack. Carton.
COLOUR: WHITE RAL 9010				
NP 40 432	3		Central axis 83.5 mm	10
NP 40 438	4		Central axis 108.5 mm	10
NP 40 444	12	6+6 overlapping	Central axis 163 mm	5

Suited for skirting and framing trunking.

CHARACTERISTICS: in combination with the relevant support allows the PLAYBUS/SYSTEM/CHORUS range of plates to be installed.

NP 42 range

Trunking systems used as skirting and frame

PVC trunking for commercial and residential installations.








Possibility of creating routes with corner trunking, overfloor, skirting and frame.

- High impact resistance.
- Press-on routing components.
- Base-integrated dividers for circuit separation.
- Universal junction boxes dedicated to the System range.








NP 42 RANGE

TRUNKING SYSTEMS USED AS SKIRTING AND FRAME

CORNER TRUNKING								
EK 50X30 - CORNER TRUNKING			ROUTING COMPONENTS AND COUPLINGS					
Dimensions	COLOUR White RAL 9010	External corner	Internal corner	T-junction	End cover	Mini trunking coupling 20x20	Skirting trunking coupling 70x20	
								
TRUNKING	50 x 30	NP 42 502	NP 42 508	NP 42 514	NP 42 520	NP 42 526	NP 42 532	NP 42 264

SLK-TUK SKIRTING/DOOR FRAME TRUNKING									
SLK 70X20 - SKIRTING TRUNKING									
SKIRTING TRUNKING		ROUTING COMPONENTS							
Dimensions: Base: 70mm Height: 20mm	COLOURS: B=White RAL 9010 A=Anthracite RAL 7021	External corner	Internal corner	Joint	Right end cover	Left end cover	Mini trunking couplings 20x20		
							Right coupling	Left coupling	Centre coupling
BASE	NP 42 003	B= NP 42 054	B= NP 42 072	B= NP 42 120	B= NP 42 162	B= NP 42 138	B= NP 42 252	B= NP 42 240	B= NP 42 246
LID	B= NP 42 018 A= NP 42 020	A= NP 42 056	A= NP 42 074	A= NP 42 122	A= NP 42 164	A= NP 42 140	A= NP 42 254	A= NP 42 242	A= NP 42 248

TUK 70 X 20 - DOOR FRAME TRUNKING									
DOOR FRAME TRUNKING		ROUTING COMPONENTS							
Dimensions: Base: 70mm Height: 20mm	COLOURS: B=White RAL 9010 A=Anthracite RAL 7021	External corner	Internal corner	Flat angle	Joint	End cover	Skirting trunking coupling 70x20		
							Right coupling	Left coupling	Centre coupling
BASE	NP 42 003	B= NP 42 414	B= NP 42 420	B= NP 42 426	B= NP 42 438	B= NP 42 432	B= NP 42 204	B= NP 42 192	B= NP 42 198
LID	B= NP 42 402 A= NP 42 404	A= NP 42 416	A= NP 42 422	A= NP 42 428	A= NP 42 440	A= NP 42 434	A= NP 42 206	A= NP 42 194	A= NP 42 200

SLK 120 X 25 - SKIRTING AND DOOR FRAME TRUNKING										
SKIRTING AND DOOR FRAME TRUNKING		ROUTING COMPONENTS								
Dimensions: Base: 120mm Height: 25mm	COLOURS: B=White RAL 9010 A=Anthracite RAL 7021	Variable external corner	Variable internal corner	Flat fixed angle	Flat variable angle	Joint	Right/Left end cover	Coupling for joining 120x25 trunking with 70x20 frame	Junction boxes	Wiring cover for grey 120x25 bases
		BASE	NP 42 004	B= NP 42 060	B= NP 42 078	B= NP 42 102	B= NP 42 108	B= NP 42 126	B= NP 42 180	B= NP 42 276
LID	B= NP 42 024 A= NP 42 026	A= NP 42 062	A= NP 42 080	A= NP 42 104	A= NP 42 110	A= NP 42 128	A= NP 42 182	A= NP 42 278	A= NP 42 284	

OVER-FLOOR TRUNKING			
ABK 85 X 20 - OVER-FLOOR TRUNKING		ROUTING COMPONENTS	
Dimensions: Base: 85mm Height: 20mm	COLOURS: A=Anthracite RAL 7021 M=Brown RAL 8014 G=Grey RAL 7030	Flat angle	Joint
		TRUNKING	A= NP 42 554 M= NP 42 556 G= NP 42 555

NP 42 RANGE

DEVICE HOLDING BOXES								Coupling for joining skirting trunking to device-holding boxes	Center distance 60 mm
Mini trunking couplings 30 x 15		Self-bearing			Universal				
Right coupling	Left coupling	3-gang	4-gang	8-gang	3-gang centre distance 83.5 mm	4-gang centre distance 108.5 mm	12-gang (6+6) centre distance 163 mm		
B= NP 42 222 A= NP 42 224	B= NP 42 216 A= NP 42 218	B= GW 27 615 A= GW 27 616	B= GW 27 621 A= GW 27 622	B= GW 27 627 A= GW 27 628	B= NP 40 432 A= NP 40 434	B= NP 40 438 A= NP 40 440	B= NP 40 444 A= NP 40 446	B= NP 42 462 A= NP 42 464	B= NP 42 820

DEVICE HOLDING BOXES							Coupling for joining skirting trunking to device-holding boxes
Junction boxes	Self-bearing			Universal			
	3-gang	4-gang	8-gang	3-gang centre distance 83.5 mm	4-gang centre distance 108.5 mm	12-gang (6+6) centre distance 163 mm	
B= NP 42 444 A= NP 42 446	B= GW 27 615 A= GW 27 616	B= GW 27 621 A= GW 27 622	B= GW 27 627 A= GW 27 628	B= NP 40 432 A= NP 40 434	B= NP 40 438 A= NP 40 440	B= NP 40 444 A= NP 40 446	B= NP 42 450 A= NP 42 452

DEVICE HOLDING BOXES						Coupling for joining skirting trunking to device-holding boxes
Self-bearing			Universal			
3-gang	4-gang	8-gang	3-gang centre distance 83.5 mm	4-gang centre distance 108.5 mm	12-gang (6+6) centre distance 163 mm	
B= GW 27 615 A= GW 27 616	B= GW 27 621 A= GW 27 622	B= GW 27 627 A= GW 27 628	B= NP 40 432 A= NP 40 434	B= NP 40 438 A= NP 40 440	B= NP 40 444 A= NP 40 446	B= NP 42 456 A= NP 42 458

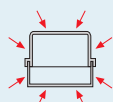
NP 42 RANGE

NP 42 RANGE

TRUNKING SYSTEMS USED AS SKIRTING AND FRAME

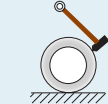
EK 50 x 30 - DOOR FRAME TRUNKING

IP40



EN 60529

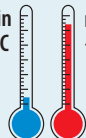
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EN 50085 (CEI 23-32)

INSTALLATION

min -5°C max +60°C



CORNER TRUNKING

NP42502



CORNER TRUNKING WITH LID - LENGTH: 2 METRES

Code	Dimensions LxH (mm)	Section (mm ²)	Colour	Pack. Carton.
NP 42 502	50 x 30	260	White RAL 9010	34

ROUTING COMPONENTS

NP42508



EXTERNAL CORNER FOR CORNER TRUNKING

Code	Dimensions LxH (mm)	Colour	Pack. Carton.
NP 42 508	50 x 30	White RAL 9010	5

NP42514



INTERNAL CORNER FOR CORNER TRUNKING

Code	Dimensions LxH (mm)	Colour	Pack. Carton.
NP 42 514	50 x 30	White RAL 9010	5

NP42520



TEE JUNCTION FOR CORNER TRUNKING

Code	Dimensions LxH (mm)	Colour	Pack. Carton.
NP 42 520	50 x 30	White RAL 9010	5

NP42526



END COVER FOR CORNER TRUNKING

Code	Dimensions LxH (mm)	Colour	Pack. Carton.
NP 42 526	50 x 30	White RAL 9010	10

COUPLINGS

NP42532



UNION FOR JOINING CORNER TRUNKING WITH MINI TRUNKING 20 X 20

Code	Colour	Pack. Carton.
NP 42 532	White RAL 9010	10

NP42264



COUPLING DEVICE FOR CONNECTING CORNER FRAMING TRUNKING WITH SKIRTING TRUNKING SLK 70 X 20

Code	Dimensions LxH (mm)	Colour	Pack. Carton.
NP 42 264	50 x 30	White RAL 9010	10

NP 42 RANGE

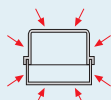
①=May 2010

②=June 2010

③=September 2010

SLK 70 x 20 - SKIRTING TRUNKING

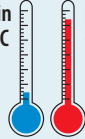
IP40



EN 60529

INSTALLATION

min -5°C max +60°C



TRUNKING

NP42003



MOUNTING RAIL FOR SKIRTING AND DOOR FRAME TRUNKING - THREE-DUCT LENGTH: 2 METRES

Code	Section (mm ²)	Colour	Pack. Carton.
NP 42 003	A=210 B=370 C=210	Grey	50

NOTE: B: central compartment, A and C: side compartments.

NP42018



LID FOR SKIRTING TRUNKING SLK 70 X 20 LENGTH: 2 METRES

Code	Colour	Pack. Carton.
NP 42 018	White RAL 9010	50
NP 42 020	Anthracite RAL 7021	50

ROUTING COMPONENTS

NP42054



EXTERNAL CORNER FOR SKIRTING TRUNKING

Code	Colour	Pack. Carton.
NP 42 054	White RAL 9010	10
NP 42 056	Anthracite RAL 7021	10

NP42072



INTERNAL CORNER FOR SKIRTING TRUNKING

Code	Colour	Pack. Carton.
NP 42 072	White RAL 9010	10
NP 42 074	Anthracite RAL 7021	10

NP42120



COUPLING FOR SKIRTING TRUNKING

Code	Colour	Pack. Carton.
NP 42 120	White RAL 9010	10
NP 42 122	Anthracite RAL 7021	10

NP42162



RIGHT END COVER FOR SKIRTING TRUNKING

Code	Colour	Pack. Carton.
NP 42 162	White RAL 9010	10
NP 42 164	Anthracite RAL 7021	10

NP42138



LEFT END COVER FOR SKIRTING TRUNKING

Code	Colour	Pack. Carton.
NP 42 138	White RAL 9010	10
NP 42 140	Anthracite RAL 7021	10

NP 42 RANGE

TRUNKING SYSTEMS USED AS SKIRTING AND FRAME

COUPLINGS

NP42222



CONNECTORS FOR JOINING SKIRTING TRUNKINGS TO MINI-TRUNKING

Code	Description	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 42 252	Right connector	20 x 20	10
NP 42 222	Right connector	30 x 15	10
NP 42 240	Left connector	20 x 20	10
NP 42 216	Left connector	30 x 15	10
NP 42 246	Centre connector	20 x 20	10
COLOUR: ANTHRACITE RAL 7021			
NP 42 254	Right connector	20 x 20	10
NP 42 224	Right connector	30 x 15	10
NP 42 242	Left connector	20 x 20	10
NP 42 218	Left connector	30 x 15	10
NP 42 248	Centre connector	20 x 20	10

NP42462

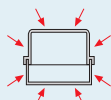


CONNECTORS FOR JOINING DEVICE BOXES TO SKIRTING TRUNKING

Code	Colour	Pack. Carton.
NP 42 462	White RAL 9010	10
NP 42 464	Anthracite RAL 7021	10

TUK 70 x 20 - DOOR FRAME TRUNKING

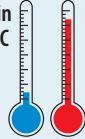
IP40



EN 60529

INSTALLATION

min -5°C max +60°C



TRUNKING

NP42003



MOUNTING RAIL FOR SKIRTING AND DOOR FRAME TRUNKING - THREE-DUCT LENGTH: 2 METRES

Code	Section (mm ²)	Colour	Pack. Carton.
NP 42 003	A=210 B=370 C=210	Grey	50

NOTE: B: central compartment, A and C: side compartments.

NP42402



COVER FOR DOOR FRAME TRUNKING SLK 70 X 20 LENGTH: 2 METRES

Code	Colour	Pack. Carton.
NP 42 402	White RAL 9010	50
NP 42 404	Anthracite RAL 7021	50

ROUTING COMPONENTS

NP42414



COMPONENTS FOR FRAMING TRUNKING

Code	Description	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 42 414	External corner	10
NP 42 420	Internal corner	10
NP 42 426	Flat angle	10
NP 42 438	Coupling	10
NP 42 432	End cover	10
COLOUR: ANTHRACITE RAL 7021		
NP 42 416	External corner	10
NP 42 422	Internal corner	10
NP 42 428	Flat angle	10
NP 42 440	Coupling	10
NP 42 434	End cover	10

NP42444



JUNCTION BOXES AND CONNECTION FOR FRAMING TRUNKING WITH THE POSSIBILITY OF 3-DUCT INTERNAL SEPARATION

Code	Outer dim. LxHxD (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 42 444	82x100x37	10
COLOUR: ANTHRACITE RAL 7021		
NP 42 446	82x100x37	10

CHARACTERISTICS: it allows the connection between TUK 70x20 and all mini single and double trunking.

NP 42 RANGE

TRUNKING SYSTEMS USED AS SKIRTING AND FRAME

COUPLINGS

NP42204



CONNECTORS FOR JOINING DEVICE BOXES TO SKIRTING AND DOOR FRAME TRUNKING

Code	Description	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 42 204	Right connector	10
NP 42 192	Left connector	10
NP 42 198	Centre connector	10
COLOUR: ANTHRACITE RAL 7021		
NP 42 206	Right connector	10
NP 42 194	Left connector	10
NP 42 200	Centre connector	10

NP42450



CONNECTORS FOR JOINING DOOR FRAME TRUNKING TO DEVICE BOXES

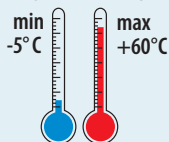
Code	Colour	Pack. Carton.
NP 42 450	White RAL 9010	10
NP 42 452	Anthracite RAL 7021	10

SLK 120 x 25 - DOOR FRAME AND SKIRTING TRUNKING

IP40



INSTALLATION



TRUNKING

NP42004



MOUNTING RAIL FOR SKIRTING AND DOOR FRAME TRUNKING - FOUR-DUCT LENGTH: 2 METRES

Code	Section (mm ²)	Colour	Pack. Carton.
NP 42 004	4 x 360	Grey	24

NP42024



COVER FOR SKIRTING AND DOOR FRAME TRUNKING SLK 120 X 25 - LENGTH: 2 METRES

Code	Colour	Pack. Carton.
NP 42 024	White RAL 9010	24
NP 42 026	Anthracite RAL 7021	24

NP42187



WIRING COVER FOR SKIRTING AND DOOR FRAME TRUNKING LENGTH: 2 METRES

Code	Fixing	Pack. Carton.
NP 42 187	Clip	20

APPLICATION: to guarantee the non-accessibility to certain compartments even after removal of the trunking cover, thus providing separation of the circuits.

NP 42 RANGE

①=May 2010

②=June 2010

③=September 2010

ROUTING COMPONENTS

NP42108



COMPONENTS FOR SKIRTING AND DOOR FRAME TRUNKING SLK 120 X 25

Code	Description	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 42 060	Variable external corner	5
NP 42 078	Variable internal corner	5
NP 42 102	Flat fixed angle	5
NP 42 108	Flat variable angle	5
NP 42 126	Coupling	5
NP 42 180	Right/Left end cover	5
COLOUR: ANTHRACITE RAL 7021		
NP 42 062	Variable external corner	5
NP 42 080	Variable internal corner	5
NP 42 104	Flat fixed angle	5
NP 42 110	Flat variable angle	5
NP 42 128	Coupling	5
NP 42 182	Right/Left end cover	5

NP42282



JUNCTION BOX AND SKIRTING AND DOOR FRAME TRUNKING CONNECTION

Code	Colour	Pack. Carton.
NP 42 282	White RAL 9010	5
NP 42 284	Anthracite RAL 7021	5

CHARACTERISTICS: it allows the connection between SLK 120x25 trunking and TUK 70x20, ABK, minitrunking 20x20 and 22x10.

COUPLINGS

NP42276



CONNECTORS FOR JOINING FRAMING/SKIRTING TRUNKING WITH FRAME TUK 70 X 20

Code	Colour	Pack. Carton.
NP 42 276	White RAL 9010	5
NP 42 278	Anthracite RAL 7021	5

NP42456



CONNECTORS FOR JOINING SKIRTING AND DOOR FRAME TRUNKING WITH DEVICE BOXES

Code	Colour	Pack. Carton.
NP 42 456	White RAL 9010	5
NP 42 458	Anthracite RAL 7021	5

NP 42 RANGE

TRUNKING SYSTEMS USED AS SKIRTING AND FRAME

DEVICE-HOLDER BOX FOR SLK AND TUK

SELF-SUPPORTING BOXES



GW27615

SELF-SUPPORTING DEVICE BOXES FOR SYSTEM RANGE GEWISS EQUIPMENT

Code	No. gangs	Colour	Pack. Carton.
GW 27 615	3	White RAL 9010	10
GW 27 621	4	White RAL 9010	10
GW 27 627	8	White RAL 9010	5
GW 27 616	3	Anthracite RAL 7021	10
GW 27 622	4	Anthracite RAL 7021	10
GW 27 628	8	Anthracite RAL 7021	5

Suited for skirting and framing trunking.



NP42820

DEVICE-HOLDER BOXES WITH CENTRE DISTANCE 60 MM

Code	For trunking	Colour	Pack. Carton.
NP 42 820	SLK 70 x 20	White RAL 9010	2

DEVICE-HOLDER BOXES FOR SUPPORTS/PLATES- ITALIAN STANDARD



NP40432

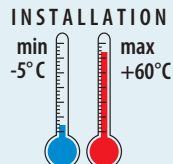
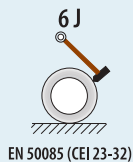
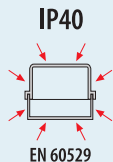
UNIVERSAL DEVICE BOXES FOR SUPPORTS/PLATES - STANDARD ITALIAN

Code	No. gangs	Configuration	Installable support./plates	Colour	Pack. Carton.
NP 40 432	3		Central axis 83.5 mm	White RAL 9010	10
NP 40 438	4		Central axis 108.5 mm	White RAL 9010	10
NP 40 444	12	6+6 overlapping	Central axis 163 mm	White RAL 9010	5
NP 40 434	3		Central axis 83.5 mm	Anthracite RAL 7021	10
NP 40 440	4		Central axis 108.5 mm	Anthracite RAL 7021	10
NP 40 446	12	6+6 overlapping	Central axis 163 mm	Anthracite RAL 7021	5

Suited for skirting and framing trunking.

CHARACTERISTICS: in combination with the relevant support allows the PLAYBUS/SYSTEM/CHORUS range of plates to be installed.

ABK 85 x 20 - OVER-FLOOR TRUNKING



TRUNKING



NP42554

OVER-FLOOR TRUNKING WITH LID - 4 DUCTS ABK 85 X 20 - LENGTH: 2 METRES

Code	Section (mm ²)	Colour	Pack. Carton.
NP 42 555	A=152 B=179 C=179 D=152	Grey RAL 7030	20
NP 42 554	A=152 B=179 C=179 D=152	Anthracite RAL 7021	20
NP 42 556	A=152 B=179 C=179 D=152	Brown RAL 8014	20

ROUTING COMPONENTS



NP42566

OVER-FLOOR TRUNKING COMPONENTS

Code	Description	Pack. Carton.
COLOUR: ANTHRACITE RAL 7021		
NP 42 566	Coupling	5
NP 42 560	Flat angle	5
COLOUR: BROWN RAL 8014		
NP 42 568	Coupling	5
NP 42 562	Flat angle	5
COLOUR: GREY RAL 7030		
NP 42 567	Coupling	5
NP 42 561	Flat angle	5

①=May 2010

②=June 2010

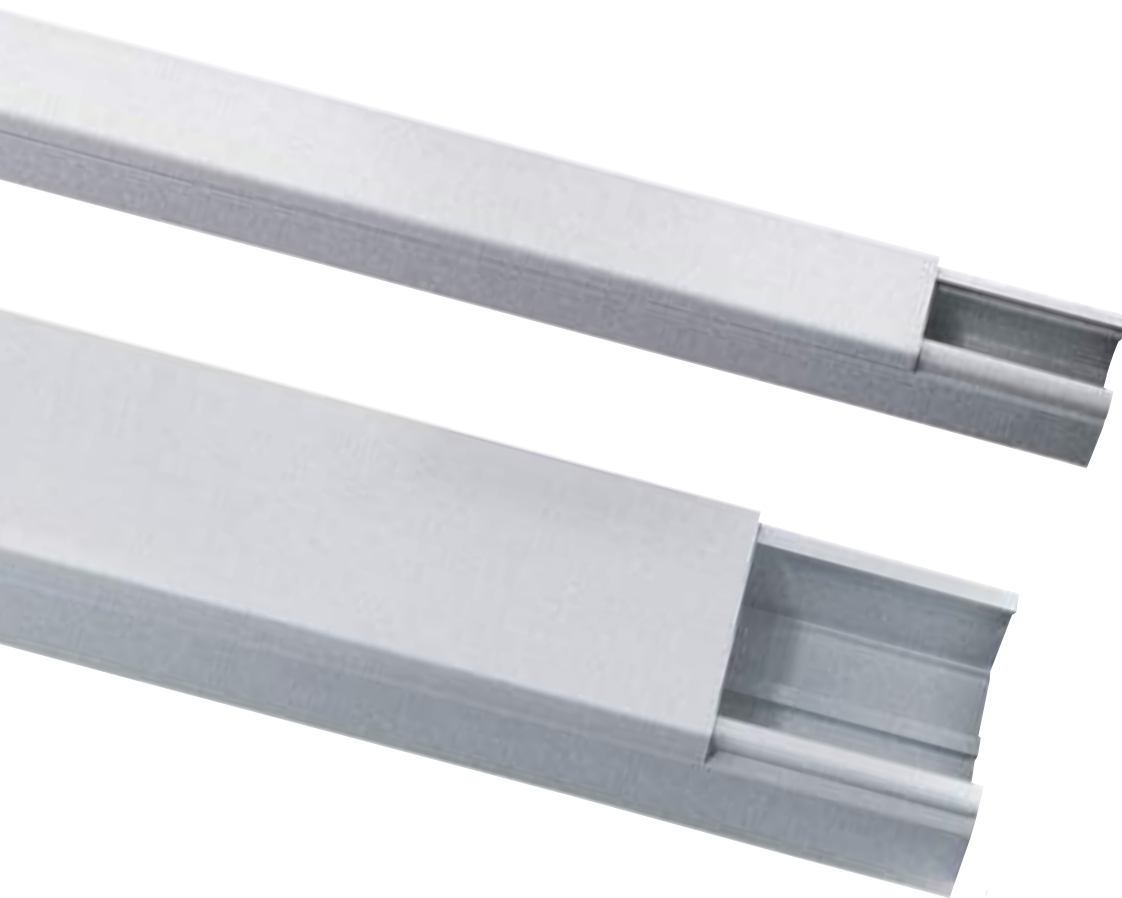
③=September 2010

NP 44/52 range

Sill-type and device-mounting trunking systems

Multifunctional trunking for commercial and industrial applications.







- High capacity.
- Possibly equipped with domestic range devices and with IEC309 and Combibloc industrial socket.
- 3 types of divider for the subdivision of circuits with different voltages.
- High inalterability thanks to the use of cable-holding crosspieces.











NP 44/52 RANGE

SILL-TYPE AND DEVICE-MOUNTING TRUNKING SYSTEMS



BR-PVC - TRUNKING AND DEVICE HOLDERS IN PVC WITH INTEGRATED COVER

TRUNKING		COVERS		ROUTING COMPONENTS				
Dimensions	Colour:	Dimensions (height)	Code	External corner	External corner cover	Internal corner	Flat angle	T-junction
	 White RAL 9010 Code							
100 x 70	NP 52 007	80	NP 52 102	NP 52 120	NP 52 150	NP 52 168	NP 52 200	NP 52 232
130 x 70	NP 52 002	80	NP 52 102	NP 52 118	NP 52 150	NP 52 166	NP 52 198	NP 52 230
170 x 70	NP 52 018	80	NP 52 102	NP 52 134	NP 52 150	NP 52 182	NP 52 214	NP 52 246

BR-PVC - TRUNKING AND DEVICE HOLDERS IN PVC WITH INTEGRATED COVER

BOXES AND ACCESSORIES								
Dimensions	Junction box depth 45mm	Device-holding box depth 47mm	Device-holding box depth 52mm	Device-holding box 4 gang	Device-holding box 3 gang centre distance 83.5mm	Cable grip	Device cam for box	Socket-outlet IEC309 400V 16A 3P+N+E for adapter NP 50 299
								
100 x 70	NP 50 306	NP 50 304	NP 50 305	NP 50 307	NP 50 302	NP 50 293	NP 50 294	GW 62 210
130 x 70	NP 50 306	NP 50 304	NP 50 305	NP 50 307	NP 50 302	NP 50 293	NP 50 294	GW 62 210
170 x 70	NP 50 306	NP 50 304	NP 50 305	NP 50 307	NP 50 302	NP 50 293	NP 50 294	GW 62 210

FB - MULTIFUNCTIONAL TRUNKING AND DEVICE HOLDERS IN PVC

TRUNKING		ROUTING COMPONENTS						Cover with window for industrial socket-outlets and watertight lids 85x75
Dimensions	Colours:  B = White RAL 9010  G = Grey RAL 7035	External corner	Internal corner	Flat angle	T-junction	End cover		
	100 x 60	B= NP 50 002 G= NP 50 004	B= NP 50 045 G= NP 50 047	B= NP 50 087 G= NP 50 089	B= NP 50 129 G= NP 50 131	B= NP 50 171 G= NP 50 173	B= NP 50 243 G= NP 50 245	B= NP 50 324 G= NP 50 326
130 x 60	B= NP 50 008 G= NP 50 010	B= NP 50 051 G= NP 50 053	B= NP 50 093 G= NP 50 095	B= NP 50 135 G= NP 50 137	B= NP 50 177 G= NP 50 179	B= NP 50 249 G= NP 50 251	B= NP 50 330 G= NP 50 332	
150 x 60	B= NP 50 014 G= NP 50 016	B= NP 50 057 G= NP 50 059	B= NP 50 099 G= NP 50 101	B= NP 50 141 G= NP 50 143	B= NP 50 183 G= NP 50 185	B= NP 50 255 G= NP 50 257	B= NP 50 336 G= NP 50 338	
200 x 60	B= NP 50 020 G= NP 50 022	B= NP 50 063 G= NP 50 065	B= NP 50 105 G= NP 50 107	B= NP 50 147 G= NP 50 149	B= NP 50 189 G= NP 50 191	B= NP 50 261 G= NP 50 263	B= NP 50 342 G= NP 50 344	
230 x 60	B= NP 50 677 G= NP 50 679	B= NP 50 069 G= NP 50 071	B= NP 50 111 G= NP 50 113	B= NP 50 153 G= NP 50 155	B= NP 50 195 G= NP 50 197		B= NP 50 312 G= NP 50 313	
230 x 100	B= NP 50 038 G= NP 50 040	B= NP 50 081 G= NP 50 083	B= NP 50 123 G= NP 50 125	B= NP 50 165 G= NP 50 167	B= NP 50 207 G= NP 50 209	B= NP 50 279 G= NP 50 281	B= NP 50 312 G= NP 50 313	

NP 44/52 RANGE


ROUTING COMPONENTS		COMPLEMENTARY ITEMS		
Cover joint	End cover	Central divider	Multiple divider	Double divider
NP 52 262	NP 54 272	NP 52 293	NP 50 295	NP 50 290
NP 52 262	NP 52 278	NP 52 293	NP 50 295	NP 50 290
NP 52 262	NP 52 286	NP 52 293	NP 50 295	NP 50 290

Adapter for socket-outlets IEC309 85x75	Adapter for socket-outlets IEC309 75x75
NP 50 299	NP 50 296
NP 50 299	NP 50 296
NP 50 299	NP 50 296



FB - MULTIFUNCTIONAL TRUNKING AND DEVICE HOLDERS IN PVC								
Cover with window for Italian Standard 3-gang device-holding boxes	Cover with window for 4-gang device-holding boxes	Cable-holding crosspiece	Dividers	CONTROL UNIT	DEVICE-HOLDING BOXES			
				For modular 12-gang appliances	3-gang centre distance 83.5 mm	2-gang centre distance 60 mm	4-gang	
B= NP 50 721 G= NP 50 615	B= NP 50 741 G= NP 50 745	NP 50 284	NP 50 295 - NP 52 293 NP 50 290		NP 50 302	NP 50 305	NP 50 307	
B= NP 50 722 G= NP 50 616	B= NP 50 742 G= NP 50 746	NP 50 285	NP 50 295 - NP 52 293 NP 50 290	B= NP 50 715	NP 50 302	NP 50 305	NP 50 307	
B= NP 50 723 G= NP 50 617	B= NP 50 743 G= NP 50 747	NP 50 286	NP 50 295 - NP 52 293 NP 50 290	B= NP 50 716	NP 50 302	NP 50 305	NP 50 307	
B= NP 50 724 G= NP 50 618	B= NP 50 744 G= NP 50 748	NP 50 287	NP 50 295 - NP 52 293 NP 50 290	B= NP 50 717	NP 50 302	NP 50 305	NP 50 307	
		NP 50 288	NP 50 295 - NP 50 293 NP 50 290		NP 50 302	NP 50 305	NP 50 307	
		NP 50 288	NP 50 289		NP 50 302	NP 50 305	NP 50 307	

NP 44/52 RANGE




SILL-TYPE AND DEVICE-MOUNTING TRUNKING SYSTEMS

NF - PVC TRUNKING									
TRUNKING		ROUTING COMPONENTS						CEILING MOUNTING ACCESSORIES	
Dimensions	Colours:	External corner	Internal corner	Flat angle	T-junction	End cover	Cable-holding crosspiece	Bracket for suspension application	Pair of adjustable joints
	 B = White RAL 9010								
25 x 25	B= NP 44 002	B= NP 44 102	B= NP 44 157	B= NP 44 212	B= NP 44 267	B= NP 44 317		NP 44 406	
40 x 25	B= NP 44 007	B= NP 44 107	B= NP 44 162	B= NP 44 217	B= NP 44 272	B= NP 44 322	NP 44 401	NP 44 406	
30 x 30	B= NP 44 012	B= NP 44 112	B= NP 44 167	B= NP 44 222	B= NP 44 277	B= NP 44 327		NP 44 406	
60 x 30	B= NP 44 017	B= NP 44 117	B= NP 44 172	B= NP 44 227	B= NP 44 282	B= NP 44 332	NP 44 402	NP 44 406	
40 x 40	B= NP 44 022	B= NP 44 122	B= NP 44 177	B= NP 44 232	B= NP 44 287	B= NP 44 337	NP 44 401	NP 44 406	NP 44 405
60 x 40	B= NP 44 027	B= NP 44 127	B= NP 44 182	B= NP 44 237	B= NP 44 292	B= NP 44 342	NP 44 402	NP 44 406	NP 44 405
60 x 40*	B= NP 44 052	B= NP 44 127	B= NP 44 182	B= NP 44 237	B= NP 44 292	B= NP 44 342	NP 44 402	NP 44 406	NP 44 405
90 x 40	B= NP 44 032	B= NP 44 132	B= NP 44 187	B= NP 44 242	B= NP 44 297	B= NP 44 347	NP 44 403	NP 44 406	NP 44 405
90 x 40*	B= NP 44 057	B= NP 44 132	B= NP 44 187	B= NP 44 242	B= NP 44 297	B= NP 44 347	NP 44 403	NP 44 406	NP 44 405
60 x 60	B= NP 44 037	B= NP 44 137	B= NP 44 192	B= NP 44 247	B= NP 44 302	B= NP 44 352	NP 44 402	NP 44 406	NP 44 405
90 x 60	B= NP 44 042	B= NP 44 132	B= NP 44 187	B= NP 44 242	B= NP 44 307	B= NP 44 357	NP 44 403	NP 44 406	NP 44 405

* Double duct trunking

HS - METAL DUCT TRUNKING								
TRUNKING		ROUTING COMPONENTS						
Dimensions	Colours:	External corner	Internal corner	Flat angle	T-junction	Plastic terminal	Metal terminal	
	 Z = galvanised  B = White RAL 9001							
15 x 15	Z= NP 46 004 B= NP 46 001	Z= NP 46 104 B= NP 46 101	Z= NP 46 158 B= NP 46 155	Z= NP 46 212 B= NP 46 209	Z= NP 46 266 B= NP 46 263	NP 46 361*	B= NP 46 721	
30 x 30	Z= NP 46 010 B= NP 46 007	Z= NP 46 110 B= NP 46 107	Z= NP 46 164 B= NP 46 161	Z= NP 46 218 B= NP 46 215	Z= NP 46 272 B= NP 46 269	NP 46 362*	B= NP 46 722	
40 x 40	Z= NP 46 016 B= NP 46 013	Z= NP 46 116 B= NP 46 113	Z= NP 46 170 B= NP 46 167	Z= NP 46 224 B= NP 46 221	Z= NP 46 278 B= NP 46 275	NP 46 363*	B= NP 46 723	
60 x 40	Z= NP 46 022 B= NP 46 019	Z= NP 46 122 B= NP 46 119	Z= NP 46 176 B= NP 46 173	Z= NP 46 230 B= NP 46 227	Z= NP 46 284 B= NP 46 281		B= NP 46 724	
60 x 60	Z= NP 46 028 B= NP 46 025	Z= NP 46 128 B= NP 46 125	Z= NP 46 182 B= NP 46 179	Z= NP 46 236 B= NP 46 233	Z= NP 46 290 B= NP 46 287	NP 46 365*	B= NP 46 725	
100 x 60	Z= NP 46 034 B= NP 46 031	Z= NP 46 134 B= NP 46 131	Z= NP 46 188 B= NP 46 185	Z= NP 46 242 B= NP 46 239	Z= NP 46 296 B= NP 46 293	B= NP 50 242		
150 x 60	Z= NP 46 040 B= NP 46 037	Z= NP 46 140 B= NP 46 137	Z= NP 46 194 B= NP 46 191	Z= NP 46 248 B= NP 46 245	Z= NP 46 302 B= NP 46 299	B= NP 50 254		
200 x 60	Z= NP 46 046 B= NP 46 043	Z= NP 46 146 B= NP 46 143	Z= NP 46 200 B= NP 46 197	Z= NP 46 254 B= NP 46 251	Z= NP 46 308 B= NP 46 305	B= NP 50 260		

* Black

SUPPORTS FOR DEVICE-HOLDING BOXES							
DEVICE-HOLDING BOXES	SUPPORTS						
	System/Virna	Playbus	Eco 60	Chorus	Socket-outlets 16A IEC309	Push-buttons/selectors 74PS	System watertight lids
3-gang centre distance 83.5 mm NP 50 302 	GW 24 201	GW 32 403		GW 16 803			
2-gang centre distance 60 mm NP 50 305 	2-gang GW 24 262	1-gang GW 32 401 2-gang GW 32 402	1 complete support	2-gang GW 16 821	Adapter B = NP 50 692 or G = NP 50 299	Adapter B = NP 50 692 or G = NP 50 299 plus lid GW 66 708 or GW 66 745	Adapter B = NP 50 692 or G = NP 50 299 plus lid 2 gang GW 27 401
4-gang NP 50 307 		GW 32 404	2 complete supports	GW 16 804			

Note: B = White RAL 9010 G = Grey RAL 7035

HS - METAL DUCT TRUNKING

	ACCESSORIES				
	Edge protector	Reduction terminal	Cover removal tool	Brass joint element	Metal joint element
					
NP 46 368*	NP 46 367*	NP 46 381	NP 46 383		
NP 46 369*	NP 46 367*	NP 46 381	NP 46 384		
NP 46 370*		NP 46 381	NP 46 385		
		NP 46 381	NP 46 386		
NP 46 371*		NP 46 381	NP 46 386		
		NP 46 381	NP 46 382		
		NP 46 381		NP 46 387	
		NP 46 381		NP 46 388	

NP 44/52 RANGE

SILL-TYPE AND DEVICE-MOUNTING TRUNKING SYSTEMS

BR-PVC - TRUNKING AND DEVICE HOLDERS IN PVC WITH INTEGRATED COVER

TRUNKING

NP52002



MOUNTING RAIL FOR DEVICE-MOUNTING AND SILL-TYPE TRUNKING IN PVC LENGTH: 2 METRES

Code	Dimensions LxH (mm)	Lid size (mm)	Section (mm ²)	Pack. Carton.
COLOUR: WHITE RAL 9010				
NP 52 007	100 x 70	80	5300	8
NP 52 002	130 x 70	80	7130	8
NP 52 018	170 x 70	80	9410	8

NP52 102



COVER FOR DEVICE-MOUNTING AND SILL-TYPE TRUNKING IN PVC - LENGTH: 2 METRES

Code	Lid size (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 52 102	80	16

ROUTING COMPONENTS

NP52118



EXTERNAL CORNER

Code	Dimensions LxH (mm)	Lid size (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 52 120	100 x 70	80	2
NP 52 118	130 x 70	80	2
NP 52 134	170 x 70	80	2

NP52150



EXTERNAL CORNER COVER

Code	Lid size (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 52 150	80	2

NP52166



INTERNAL CORNER

Code	Dimensions LxH (mm)	Lid size (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 52 168	100 x 70	80	2
NP 52 166	130 x 70	80	2
NP 52 182	170 x 70	80	2

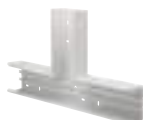
NP52198



FLAT ANGLE

Code	Dimensions LxH (mm)	Lid size (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 52 200	100 x 70	80	2
NP 52 198	130 x 70	80	2
NP 52 214	170 x 70	80	2

NP52230



T JUNCTION

Code	Dimensions LxH (mm)	Lid size (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 52 232	100 x 70	80	2
NP 52 230	130 x 70	80	2
NP 52 246	170 x 70	80	2

NP52262



JOINT - PVC MATERIAL

Code	Lid size (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 52 262	80	10

NP 44/52 RANGE

①=May 2010

②=June 2010

③=September 2010

NP54272



END COVER		
Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 54 272	100 x 70	10
NP 52 278	130 x 70	10
NP 52 286	170 x 70	10

COMPLEMENTARY ITEMS

NP54422



WALL CONNECTION FRAME - PVC		
Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 54 427	130 x 70	1
NP 54 432	170 x 70	1

NP50295



DIVIDERS		
Code	Division	Pack. Carton.
NP 50 295	Multiple	48
NP 52 293	Central	48
NP 50 290	Twin	24

NP 44/52 RANGE

SILL-TYPE AND DEVICE-MOUNTING TRUNKING SYSTEMS

DEVICE-HOLDER BOXES

NP50306



JUNCTION BOX, 45 MM DEEP

Code	Colour	Pack. Carton.
NP 50 306	Green	40

NP50305



BR / FB RANGE DEVICE BOX FOR INDUSTRIAL FLUSH-MOUNTING SOCKET-OUTLETS AND GEWISS 85 X 75 MM WATERTIGHT LIDS

Code	Suitable for	Centre distance	Depth	Colour	Pack. Carton.
NP 50 304	Socket-outlets	60x60	47 mm	Red	40
NP 50 305	Socket-outlets	60x60	52 mm	Red	40

Allows for the installation of the following GEWISS components in combination with adaptor NP50692: IEC309 range industrial flush-mounting socket-outlets, watertight lids GW27401 for 20 SYSTEM range domestic devices, watertight lids GW66708 and GW66745 for Ø 22 mm push-buttons/indicators.

NP50307



DEVICE BOX - 52 MM DEEP - 4 GANG BR/FB RANGE

Code	Colour	Pack. Carton.
NP 50 307	Green	20

APPLICATIONS: suitable for mounting:- 2 ECO 60 range side-by-side components;
- 2 components with 60-mm centre distance;
- PLAYBUS range components combined with the GW32404 4-module framework.

NP50302



DEVICE BOX - 52 MM DEEP - ITALIAN STANDARD: 3 GANG BR/FB RANGE

Code	Colour	Pack. Carton.
NP 50 302	Red	60

NP50293



ACCESSORIES

Code	Description	Pack. Carton.
NP 50 293	Cable grip	48
NP 50 294	Device cam for box	20

GW62210



LOW VOLTAGE PROTECTED 10° ANGLED FLUSH-MOUNTING FIXED SOCKET-OUTLETS - 50/60HZ

Code	No. of poles	Rated voltage	Colour	Cover dimensions mm	Reference h	Pack. Carton.
RATED CURRENT (A): 16						
GW 62 210	3P+N+E	400 V	Red	85x75	6	10/40

NP50299



BR / FB RANGE ADAPTOR FOR GEWISS IEC 309 RANGE FIXED INDUSTRIAL FLUSH-MOUNTING SOCKET-OUTLETS COMPLETE WITH FIXING SCREWS

Code	Suitable for	Centre distance	Colour	Pack. Carton.
NP 50 299	Socket-outlets	85x75	Grey RAL 7035	10

Allows for the installation of the following GEWISS components in combination with device box NP50305: IEC309 range industrial flush-mounting socket-outlets, with 16 A nominal current, watertight lids GW27401 and GW26408 for 20 SYSTEM range domestic devices, watertight lids GW66708 and GW66745 for Ø 22 mm push-buttons/indicators.

NP50296



BR / FB RANGE ADAPTOR FOR 16 A FIXED INDUSTRIAL FLUSH-MOUNTING SOCKET-OUTLETS COMPLETE WITH FIXING SCREWS

Code	Suitable for	Centre distance	Colour	Pack. Carton.
NP 50 296	Socket-outlets	75x75	Grey RAL 7035	10

①=May 2010

②=June 2010

③=September 2010

FB - MULTIFUNCTIONAL TRUNKING AND DEVICE HOLDERS IN PVC

IP40 Surface mounting
IP20 Suspension



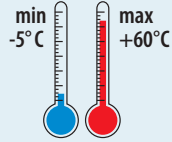
EN 60529

6 J



EN 50085 (CEI 23-32)

INSTALLATION



TRUNKING

NP50002



MOUNTING RAIL FOR SILL-TYPE AND DEVICE-MOUNTING TRUNKINGS IN PVC - LENGTH: 2 METRES

Code	Dimensions LxH (mm)	Section (mm ²)	Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 50 002	100 x 60	4780	12
NP 50 008	130 x 60	6300	8
NP 50 014	150 x 60	7320	8
NP 50 020	200 x 60	9660	6
NP 50 677	230 x 60	11300	6
NP 50 038	230 x 100	18800	4
COLOUR: GREY RAL 7035			
NP 50 004	100 x 60	4780	12
NP 50 010	130 x 60	6300	8
NP 50 016	150 x 60	7320	8
NP 50 022	200 x 60	9660	6
NP 50 679	230 x 60	11300	6
NP 50 040	230 x 100	18800	4

ACCESSORIES SUPPLIED: cover. Cable holding crosspieces (3 every 2m).

CHARACTERISTICS: option of internal subdivision into compartments using the separation rails provided. The base sides are fitted with a series of holes to facilitate the wall-fixing operation. The cover can be made removable with the use of a tool only by mounting the cable-holding crosspieces 50cm apart.

ROUTING COMPONENTS

NP50045



EXTERNAL CORNER

Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 50 045	100 x 60	4
NP 50 051	130 x 60	4
NP 50 057	150 x 60	4
NP 50 063	200 x 60	4
NP 50 069	230 x 60	4
NP 50 081	230 x 100	4
COLOUR: GREY RAL 7035		
NP 50 047	100 x 60	4
NP 50 053	130 x 60	4
NP 50 059	150 x 60	4
NP 50 065	200 x 60	4
NP 50 071	230 x 60	4
NP 50 083	230 x 100	4

NP50087



INTERNAL CORNER

Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 50 087	100 x 60	4
NP 50 093	130 x 60	4
NP 50 099	150 x 60	4
NP 50 105	200 x 60	4
NP 50 111	230 x 60	4
NP 50 123	230 x 100	4
COLOUR: GREY RAL 7035		
NP 50 089	100 x 60	4
NP 50 095	130 x 60	4
NP 50 101	150 x 60	4
NP 50 107	200 x 60	4
NP 50 113	230 x 60	4
NP 50 125	230 x 100	4

NP 44/52 RANGE

SILL-TYPE AND DEVICE-MOUNTING TRUNKING SYSTEMS

NP50129



FLAT ANGLE			
Code	Dimensions LxH (mm)		Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 50 129	100 x 60		4
NP 50 135	130 x 60		4
NP 50 141	150 x 60		4
NP 50 147	200 x 60		4
NP 50 153	230 x 60		4
NP 50 165	230 x 100		4
COLOUR: GREY RAL 7035			
NP 50 131	100 x 60		4
NP 50 137	130 x 60		4
NP 50 143	150 x 60		4
NP 50 149	200 x 60		4
NP 50 155	230 x 60		4
NP 50 167	230 x 100		4

NP50171



T JUNCTION			
Code	Dimensions LxH (mm)		Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 50 171	100 x 60		4
NP 50 177	130 x 60		4
NP 50 183	150 x 60		4
NP 50 189	200 x 60		4
NP 50 195	230 x 60		4
NP 50 207	230 x 100		2
COLOUR: GREY RAL 7035			
NP 50 173	100 x 60		4
NP 50 179	130 x 60		4
NP 50 185	150 x 60		4
NP 50 191	200 x 60		4
NP 50 197	230 x 60		4
NP 50 209	230 x 100		2

NP50243



END COVER			
Code	Dimensions LxH (mm)		Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 50 243	100 x 60		10
NP 50 249	130 x 60		10
NP 50 255	150 x 60		10
NP 50 261	200 x 60		10
NP 50 279	230 x 100		10
COLOUR: GREY RAL 7035			
NP 50 245	100 x 60		10
NP 50 251	130 x 60		10
NP 50 257	150 x 60		10
NP 50 263	200 x 60		10
NP 50 281	230 x 100		10

COMPLEMENTARY ITEMS

NP50284



CABLE HOLDING CROSSPIECE			
Code	Dimensions LxH (mm)	Colour	Pack. Carton.
NP 50 284	100 x 60	Yellow	50
NP 50 285	130 x 60	Orange	50
NP 50 286	150 x 60	Green	50
NP 50 287	200 x 60	Grey	50
NP 50 288	230 x 60 / 230 x 100	Blue	50

①=May 2010

②=June 2010

③=September 2010

NP50295



DIVIDERS			
Code	Division	Suitable for	Pack. Carton.
NP 50 295	Multiple	Trunking h=60-90 All dimensions cover	48
NP 50 289	Multiple	Trunking h=100 All dimensions cover	24
NP 52 293	Central	Trunking h=60-90 All dimensions cover	48
NP 50 290	Twin	Trunking h=60-80 Cover up to 100 mm	24

COVERS WITH WINDOWS

NP50324



COVER WITH WINDOW FOR DEVICE-HOLDING BOXES, INDUSTRIAL FLUSH-MOUNTING SOCKET-OUTLETS AND WEATHERPROOF COVERS 85X75MM GEWISS				
Code	Lid size (mm)	Windows	Lid length (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010				
NP 50 324	100	73x73	125	5
NP 50 330	130	73x73	125	5
NP 50 336	150	73x73	125	5
NP 50 342	200	73x73	125	5
NP 50 312	230	73x73	125	5
COLOUR: GREY RAL 7035				
NP 50 326	100	73x73	125	5
NP 50 332	130	73x73	125	5
NP 50 338	150	73x73	125	5
NP 50 344	200	73x73	125	5
NP 50 313	230	73x73	125	5

Allows for the installation of the following GEWISS components in combination with adaptor NP50692: IEC309 range industrial flush-mounting socket-outlets, watertight lids GW27401 and GW26403 for 20 SYSTEM range domestic devices, watertight lids GW66708 and GW66745 for Ø 22 mm push-buttons/indicators.

NP50721



COVER WITH WINDOW FOR DEVICE-MOUNTING TRUNKING BOXES - ITALIAN STANDARD: 3 GANG				
Code	Lid size (mm)	Windows	Lid length (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010				
NP 50 721	100	73x104	245	5
NP 50 722	130	73x104	245	5
NP 50 723	150	73x104	245	5
NP 50 724	200	73x104	245	5
COLOUR: GREY RAL 7035				
NP 50 615	100	73x104	245	5
NP 50 616	130	73x104	245	5
NP 50 617	150	73x104	245	5
NP 50 618	200	73x104	245	5

Device-holding boxes: NP50302 (3-gang).

NP50741



COVER WITH WINDOW FOR DEVICE-MOUNTING TRUNKING BOXES - 4 GANG				
Code	Lid size (mm)	Windows	Lid length (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010				
NP 50 741	100	73x125	245	5
NP 50 742	130	73x125	245	5
NP 50 743	150	73x125	245	5
NP 50 744	200	73x125	245	5
COLOUR: GREY RAL 7035				
NP 50 745	100	73x125	245	5
NP 50 746	130	73x125	245	5
NP 50 747	150	73x125	245	5
NP 50 748	200	73x125	245	5

Device-holding boxes: NP50307 (4-gang).

NP50715



COVER WITH WINDOW, 12 MODULES, WITH TRANSPARENT DOOR - IP40 FOR PVC SILL-TYPE AND DEVICE-MOUNTING TRUNKING			
Code	Lid size (mm)	Length (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 50 715	130	375	1
NP 50 716	150	375	1
NP 50 717	200	375	1

NP 44/52 RANGE

SILL-TYPE AND DEVICE-MOUNTING TRUNKING SYSTEMS

DEVICE-HOLDER BOXES

NP50302



DEVICE-HOLDING BOX - DEPTH 52MM - CENTRE DISTANCE 83.5MM - ITALIAN STANDARD: 3 GANGS - BR / FB RANGE

Code	Colour	Pack. Carton.
NP 50 302	Red	60

NP50305



DEVICE-HOLDING BOX - DEPTH 52MM - CENTRE DISTANCE 60MM - 2 GANGS - BR/FB RANGE

Code	Colour	Pack. Carton.
NP 50 305	Red	40

Allows for the installation of the following GEWISS components in combination with adaptor NP50692: IEC309 range industrial flush-mounting socket-outlets, watertight lids GW27401 for 20 SYSTEM range domestic devices, watertight lids GW66708 and GW66745 for Ø 22 mm push-buttons/indicators, ECO 60 International domestic range.

NP50307



DEVICE-HOLDING BOX - DEPTH 52MM - 4 GANGS - BR / FB RANGE

Code	Colour	Pack. Carton.
NP 50 307	Green	20

APPLICATIONS: suitable for the assembly of:

- 2 side-by-side components, ECO 60 range;
- 2 components with centre distance 60mm;
- components of the PLAYBUS range, in combination with the 4-module frame GW32404.

SUPPORTS FOR DEVICE-HOLDING BOXES - 3 GANGS

Code	INSULATING SUPPORTS TO INSTALL CHORUS PLATES ON RECTANGULAR BOXES		Pack. Carton.
	Description		
GW16803	3 gang		12/240

Code	INSULATING SUPPORTS TO INSTALL TOP SYSTEM / VIRNA / CLASSIC PLATES ON RECTANGULAR BOXES		Pack. Carton.
	Description		
GW24201	3 gang		10/300

Code	INSULATING SUPPORTS FOR INSTALLATION OF PLAYBUS / PLAYBUS YOUNG PLATES ON RECTANGULAR BOXES		Pack. Carton.
	Description		
GW32403	3 gang		10/150

SUPPORTS FOR DEVICE-HOLDING BOXES - 2 GANGS

Code	SUPPORTS IN INSULATING MATERIAL FOR INSTALLING CHORUS PLATES ON SQUARE BOXES		Pack. Carton.
	Description		
GW16821	2 gang		12/120

Code	SUPPORTS IN INSULATING MATERIAL FOR INSTALLATION OF TOP SYSTEM / VIRNA / CLASSIC PLATES ON SQUARE BOXES		Pack. Carton.
	Description		
GW24262	2 gang		10/120

Code	SUPPORTS IN INSULATING MATERIAL FOR INSTALLATION OF PLAYBUS / PLAYBUS YOUNG PLATES ON SQUARE BOXES		Pack. Carton.
	Description		
	GW32401	1 gang	
GW32402	2 gang	10/150	

Code	BR / FB RANGE ADAPTOR FOR GEWISS IEC 309 RANGE FIXED INDUSTRIAL FLUSH-MOUNTING SOCKET-OUTLETS COMPLETE WITH FIXING SCREWS				Pack. Carton.
	Suitable for	Centre distance	Colour		
	NP 50 692	Socket-outlets	85x75	White RAL 9010	
NP 50 299	Socket-outlets	85x75	Grey RAL 7035	10	

Allows for the installation of the following GEWISS components in combination with device box NP50305: IEC309 range industrial flush-mounting socket-outlets, with 16 A nominal current, watertight lids GW27401 and GW26408 for 20 SYSTEM range domestic devices, watertight lids GW66708 and GW66745 for Ø 22 mm push-buttons/indicators.

Code	2 GANG WEATHERPROOF SYSTEM COVER - COLOUR GREY RAL 7035 - IP55			Pack. Carton.
	No. System modules	Dimensions LxH (mm)		
GW 27 401	2	85 x 75		3/60

Code	WATERTIGHT LIDS FOR 1 PUSH-BUTTON/SIGNALLER Ø 22MM - IP66				Pack. Carton.
	Dimensions LxH (mm)	Suitable for	Colour		
	GW 66 708	85x75	1 Button Ø22 mm Range 74 PS	Grey	
GW 66 745	85x75	1 Button Ø22 mm Range 74 PS	Yellow	1/20	

NP 44/52 RANGE

SILL-TYPE AND DEVICE-MOUNTING TRUNKING SYSTEMS

SUPPORTS FOR DEVICE-HOLDING BOXES - 4 GANGS

GW16804



INSULATING SUPPORTS TO INSTALL CHORUS PLATES ON RECTANGULAR BOXES

Code	Description	Pack. Carton.
GW 16 804	4 gang	12/120

GW24292



INSULATING SUPPORTS TO INSTALL TOP SYSTEM / VIRNA / CLASSIC PLATES ON RECTANGULAR BOXES

Code	Description	Pack. Carton.
GW 24 292	4 gang	10/150

GW32404



INSULATING SUPPORTS FOR INSTALLATION OF PLAYBUS / PLAYBUS YOUNG PLATES ON RECTANGULAR BOXES

Code	Description	Pack. Carton.
GW 32 404	4 gang	10/100

NF - PVC TRUNKING

IP40 Surface mounting
IP20 Suspension



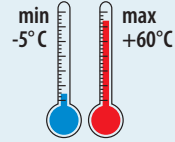
EN 60529

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EN 50085 (CEI 23-32)

INSTALLATION



TRUNKING

NP44002



PVC SILL-TYPE TRUNKING WITH COVER FOR CEILING AND SURFACE MOUNTING - LENGTH: 2 METRES

Code	Dimensions LxH (mm)	Section (mm ²)	Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 44 002	25 x 25	360	42
NP 44 007	40 x 25	530	48
NP 44 012	30 x 30	580	48
NP 44 017	60 x 30	1040	30
NP 44 022	40 x 40	1100	32
NP 44 027	60 x 40	1550	24
NP 44 052	60 x 40	2x750	24
NP 44 032	90 x 40	2480	24
NP 44 057	90 x 40	2x1230	24
NP 44 037	60 x 60	2540	16
NP 44 042	90 x 60	4120	20

ROUTING COMPONENTS

NP44102



EXTERNAL CORNER

Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 44 102	25 x 25	4
NP 44 107	40 x 25	4
NP 44 112	30 x 30	4
NP 44 117	60 x 30	4
NP 44 122	40 x 40	4
NP 44 127	60 x 40	4
NP 44 132	90x40/90x60	4
NP 44 137	60 x 60	4

NP44157



INTERNAL CORNER

Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 44 157	25 x 25	4
NP 44 162	40 x 25	4
NP 44 167	30 x 30	4
NP 44 172	60 x 30	4
NP 44 177	40 x 40	4
NP 44 182	60 x 40	4
NP 44 187	90x40/90x60	4
NP 44 192	60 x 60	4

NP44212



FLAT ANGLE

Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 44 212	25 x 25	4
NP 44 217	40 x 25	4
NP 44 222	30 x 30	4
NP 44 227	60 x 30	4
NP 44 232	40 x 40	4
NP 44 237	60 x 40	4
NP 44 242	90x40/90x60	4
NP 44 247	60 x 60	4

NP 44/52 RANGE

SILL-TYPE AND DEVICE-MOUNTING TRUNKING SYSTEMS

NP44267



T JUNCTION

Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 44 267	25 x 25	4
NP 44 272	40 x 25	4
NP 44 277	30 x 30	4
NP 44 282	60 x 30	4
NP 44 287	40 x 40	4
NP 44 292	60 x 40	4
NP 44 297	90 x 40	4
NP 44 302	90x40/90x60	4
NP 44 307	90 x 60	4

NP44317



END COVER

Code	Dimensions LxH (mm)	Pack. Carton.
COLOUR: WHITE RAL 9010		
NP 44 317	25 x 25	10
NP 44 322	40 x 25	10
NP 44 327	30 x 30	10
NP 44 332	60 x 30	10
NP 44 337	40 x 40	10
NP 44 342	60 x 40	10
NP 44 347	90 x 40	10
NP 44 352	60 x 60	10
NP 44 357	90 x 60	10

COMPLEMENTARY ITEMS



CABLE HOLDING CROSSPIECES

Code	Dimension L (mm)	Pack. Carton.
NP 44 401	40	50
NP 44 402	60	50
NP 44 403	90	50

CEILING MOUNTING ACCESSORIES

NP44406



ADJUSTABLE BRACKET FOR CEILING MOUNTING OF SILL-TYPE TRUNKING

Code	Suitable for	Colour	Pack. Carton.
NP 44 406	Trunking with base B=90-200	White RAL 9010	10

NP44405



2 MODULAR JOINTS FOR LINEAR AND ARTICULATED JOINING

Code	Suitable for	Colour	Pack. Carton.
NP 44 405	Trunkings with height H=40-80	White RAL 9010	10

HS - SHEET STEEL TRUNKING

TRUNKING

NP46004



SHEET STEEL SILL-TYPE TRUNKING WITH COVER FOR CEILING AND SURFACE MOUNTING - LENGTH: 2 METRES

Code	Dimension BxH (mm)	Section (mm ²)	Pack. Carton.
FINISHING: GALVANIZED			
NP 46 004	15x15	200	54
NP 46 010	30x30	650	24
NP 46 016	40x40	1100	16
NP 46 022	60x40	1600	16
NP 46 028	60x60	2700	12
NP 46 034	100x60	5200	6
NP 46 040	150x60	7800	4
NP 46 046	200x60	10300	6
FINISHING: WHITE RAL 9001			
NP 46 001	15x15	200	54
NP 46 007	30x30	650	24
NP 46 013	40x40	1100	16
NP 46 019	60x40	1600	16
NP 46 025	60x60	2700	12
NP 46 031	100x60	5200	6
NP 46 037	150x60	7800	4
NP 46 043	200x60	10300	6

ROUTING COMPONENTS

NP46158



INTERNAL CORNER

Code	Dimension BxH (mm)	Pack. Carton.
FINISHING: GALVANIZED		
NP 46 158	15x15	1
NP 46 164	30x30	1
NP 46 170	40x40	1
NP 46 176	60x40	1
NP 46 182	60x60	1
NP 46 188	100x60	1
NP 46 194	150x60	1
NP 46 200	200x60	1
FINISHING: WHITE RAL 9001		
NP 46 155	15x15	1
NP 46 161	30x30	1
NP 46 167	40x40	1
NP 46 173	60x40	1
NP 46 179	60x60	1
NP 46 185	100x60	1
NP 46 191	150x60	1
NP 46 197	200x60	1

NP46104



EXTERNAL CORNER

Code	Dimension BxH (mm)	Pack. Carton.
FINISHING: GALVANIZED		
NP 46 104	15x15	1
NP 46 110	30x30	1
NP 46 116	40x40	1
NP 46 122	60x40	1
NP 46 128	60x60	1
NP 46 134	100x60	1
NP 46 140	150x60	1
NP 46 146	200x60	1
FINISHING: WHITE RAL 9001		
NP 46 101	15x15	1
NP 46 107	30x30	1
NP 46 113	40x40	1
NP 46 119	60x40	1
NP 46 125	60x60	1
NP 46 131	100x60	1
NP 46 137	150x60	1
NP 46 143	200x60	1

NP 44/52 RANGE

NP 44/52 RANGE

SILL-TYPE AND DEVICE-MOUNTING TRUNKING SYSTEMS

NP46212



FLAT ANGLE		
Code	Dimension BxH (mm)	Pack. Carton.
FINISHING: GALVANIZED		
NP 46 212	15X15	1
NP 46 218	30X30	1
NP 46 224	40X40	1
NP 46 230	60x40	1
NP 46 236	60x60	1
NP 46 242	100x60	1
NP 46 248	150x60	1
NP 46 254	200x60	1
FINISHING: WHITE RAL 9001		
NP 46 209	15x15	1
NP 46 215	30x30	1
NP 46 221	40x40	1
NP 46 227	60x40	1
NP 46 233	60x60	1
NP 46 239	100x60	1
NP 46 245	150x60	1
NP 46 251	200x60	1

NP46266



T JUNCTION		
Code	Dimension BxH (mm)	Pack. Carton.
FINISHING: GALVANIZED		
NP 46 266	15x15	1
NP 46 272	30x30	1
NP 46 278	40x40	1
NP 46 284	60x40	1
NP 46 290	60x60	1
NP 46 296	100x60	1
NP 46 302	150x60	1
NP 46 308	200x60	1
FINISHING: WHITE RAL 9001		
NP 46 263	15x15	1
NP 46 269	30x30	1
NP 46 275	40x40	1
NP 46 281	60x40	1
NP 46 287	60x60	1
NP 46 293	100x60	1
NP 46 299	150x60	1
NP 46 305	200x60	1

NP46361



END COVER - PLASTIC		
Code	Dimension BxH (mm)	Pack. Carton.
COLOUR: BLACK		
NP 46 361	15x15	10
NP 46 362	30x30	10
NP 46 363	40x40	10
NP 46 365	60x60	10
COLOUR: WHITE RAL 9001		
NP 50 242	100x60	10
NP 50 254	150x60	10
NP 50 260	200x60	10

NP46721



END COVER - PAINTED STEEL SHEET		
Code	Dimension BxH (mm)	Pack. Carton.
FINISHING: WHITE RAL 9001		
NP 46 721	15x15	5
NP 46 722	30x30	5
NP 46 723	40x40	5
NP 46 724	60x40	5
NP 46 725	60x60	5

NP 44/52 RANGE

①=May 2010

②=June 2010

③=September 2010

NP46368



EDGE PROTECTOR - PLASTIC

Code	Dimension BxH (mm)	Material	Pack. Carton.
COLOUR: BLACK			
NP 46 368	15x15	PVC	25
NP 46 369	30x30	PVC	25
NP 46 370	40x40	PVC	25
NP 46 371	60x60	PVC	25

NP46367



END COVER

Code	From dim. LxH (mm)	To dim. LxH (mm)	Pack. Carton.
NP 46 367	30x30	15x15	10

ACCESSORIES

NP46381



LID REMOVING TOOL

Code	Suitable for HxB (mm)	Pack. Carton.
NP 46 381	All trunking	1

NP46383



COUPLING PIECE - BRASS

Code	Suitable for HxB (mm)	Pack. Carton.
NP 46 383	15x15	10
NP 46 384	30x30	10
NP 46 385	40x40	10
NP 46 386	60x40 - 60x60	10
NP 46 382	100x60	10

NP46387



COUPLING PIECE - STEEL

Code	Suitable for HxB (mm)	Pack. Carton.
NP 46 387	60x150	10
NP 46 388	200x60	10

NP 54/55 range

Aluminium sill-type and device-mounting trunking systems




Anodised aluminium multifunctional trunking and columns, for commercial and advanced commercial applications.


- Elegant finish, with a sophisticated design.
- DIN rail integrated at the bottom of the trunking.
- 3 types of dividers.
- High robustness and stability of the closing thanks to the integrated lid.
- Floor-mounting mini-columns, ceiling- and false ceiling-mounting columns of adjustable height.



NP 54/55 RANGE

ALUMINIUM SILL-TYPE AND DEVICE-MOUNTING TRUNKING SYSTEMS

BR-ALU - TRUNKING AND DEVICE-HOLDERS IN ALUMINIUM WITH INTEGRATED COVER										
TRUNKING		COVERS		ROUTING COMPONENTS						
Dimensions LxH (mm)	Code	Dimension (height)	Code	External corner	External cover corner	Internal corner	Flat angle	T-junction	Cover joint	End cover
				100 x 70	NP 54 004	80	NP 54 054			
130 x 70	NP 54 009	80	NP 54 054	NP 54 291	NP 54 144	NP 54 292	NP 54 294	NP 54 295	NP 52 262	NP 54 538
170 x 70	NP 54 019	80	NP 54 054	NP 54 109	NP 54 144	NP 54 159	NP 54 199	NP 54 239	NP 52 262	NP 54 544
170 x 70	NP 54 019	80	NP 54 054	NP 54 119	NP 54 144	NP 54 169	NP 54 209	NP 54 249	NP 52 262	NP 54 550
170 X 90	NP 54 034	80	NP 54 054	NP 54 134	NP 54 144	NP 54 184	NP 54 224	NP 54 264	NP 52 262	NP 54 562

BR-ALU - TRUNKING AND DEVICE-HOLDERS IN ALUMINIUM WITH INTEGRATED COVER										
		FINISHING ACCESSORIES					DEVICE-HOLDING BOXES			
Trunking dimensions LxH (mm)	Cover height	Trunking coupling pin	Wall connection frame	Equipotential bonding cable	Earth terminal	Dividers	3 gang (centre distance 83.5mm)	2 gang (centre distance 60mm)	4 gang	
										
100 x 70	80	NP 54 475	NP 54 422	NP 54 474	NP 54 405	NP 50 295 NP 52 293 NP 50 290	NP 50 302	NP 50 305	NP 50 307	
130 x 70	80	NP 54 475	NP 54 427	NP 54 474	NP 54 405	NP 50 295 NP 52 293 NP 50 290	NP 50 302	NP 50 305	NP 50 307	
170 x 70	80	NP 54 475	NP 54 432	NP 54 474	NP 54 405	NP 50 295 NP 52 293 NP 50 290	NP 50 302	NP 50 305	NP 50 307	
170 x 90	80	NP 54 475		NP 54 474	NP 54 405	NP 50 295 NP 52 293 NP 50 290	NP 50 302	NP 50 305	NP 50 307	

BR-ALU - ALUMINIUM MINI-COLUMNS			BR-ALU - ALUMINIUM COLUMNS		
HEIGHT	SINGLE-SIDED MINI-COLUMNS	DOUBLE-SIDED MINI-COLUMNS	CEILING COLUMN Height = 2.4 - 2.6m	CEILING COLUMN Height = 2.9 - 3.1m	FALSE CEILING COLUMN Ceiling height = 2.9 - 3.1m False ceiling height = 2.4 - 2.6m
40 cm	NP 55 006	NP 55 007	NP 55 001	NP 55 004	NP 55 002
70 cm	NP 55 008	NP 55 009			
100 cm	NP 55 000	NP 55 003			

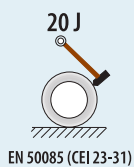
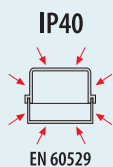
SUPPORTS FOR DEVICE-HOLDING BOXES							
DEVICE-HOLDING BOXES	SUPPORTS						
	System/Virna	Playbus	Eco 60	CHORUS	Socket-outlets 16A IEC309	Push-buttons/ selectors 74PS	System watertight covers
3 gang (centre distance 83.5mm) NP 50 302 	GW 24 201	GW 32 403		GW 16 803			
2 gang (centre distance 60mm) NP 50 305 	2 gang GW 24 262	1 gang GW 32 401 2 gang GW 32 402	1 complete support	2 gang GW 16 821	Adapter B = NP 50 692 or G = NP 50 299	Adapter B = NP 50 692 or G = NP 50 299 plus cap GW 66 708 or GW 66 745	Adapter B = NP 50 692 or G = NP 50 299 plus 2 gang cap GW 27 401
4 gang NP 50 307 	GW 24 292	GW 32 404	2 complete supports	GW 16 804			

Note: B = White RAL 9010 G = Grey RAL 7035

NP 54/55 RANGE

ALUMINIUM SILL-TYPE AND DEVICE-MOUNTING TRUNKING SYSTEMS

BR-ALU - TRUNKING AND DEVICE HOLDERS IN ALUMINIUM WITH INTEGRATED COVER



TRUNKING

NP54004



MOUNTING RAIL FOR DEVICE-MOUNTING AND SILL-TYPE TRUNKING IN ALUMINIUM LENGTH: 2 METRES

Code	Dimensions LxH (mm)	Lid size (mm)	Section (mm ²)	Pack. Carton.
COLOUR: ANODIZED ALUMINIUM				
NP 54 004	100 x 70	80	5700	6
NP 54 009	130 x 70	80	7500	6
NP 54 019	170 x 70	80	9900	4
NP 54 034	170 x 90	80	13200	6

Trunking and accessories are lined with protective film to be removed upon completion of installation.

NP54054



COVER FOR DEVICE-MOUNTING AND SILL-TYPE TRUNKING IN ALUMINIUM - LENGTH: 2 METRES

Code	Lid size (mm)	Pack. Carton.
COLOUR: ANODIZED ALUMINIUM		
NP 54 054	80	12

Trunking and accessories are lined with protective film to be removed upon completion of installation.

ROUTING COMPONENTS

NP54109



EXTERNAL CORNER

Code	Dimensions LxH (mm)	Lid size (mm)	Pack. Carton.
COLOUR: ANODIZED ALUMINIUM			
NP 54 291	100 x 70	80	2
NP 54 109	130 x 70	80	2
NP 54 119	170 x 70	80	2
NP 54 134	170 x 90	80	2

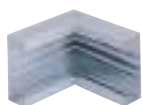
NP54144



EXTERNAL CORNER COVER

Code	Lid size (mm)	Pack. Carton.
COLOUR: ANODIZED ALUMINIUM		
NP 54 144	80	2

NP54159



INTERNAL CORNER

Code	Dimensions LxH (mm)	Lid size (mm)	Pack. Carton.
COLOUR: ANODIZED ALUMINIUM			
NP 54 292	100 x 70	80	2
NP 54 159	130 x 70	80	2
NP 54 169	170 x 70	80	2
NP 54 184	170 x 90	80	2

NP54199



FLAT ANGLE

Code	Dimensions LxH (mm)	Lid size (mm)	Pack. Carton.
COLOUR: ANODIZED ALUMINIUM			
NP 54 294	100 x 70	80	2
NP 54 199	130 x 70	80	2
NP 54 209	170 x 70	80	2
NP 54 224	170 x 90	80	2

NP 54/55 RANGE

①=May 2010

②=June 2010

③=September 2010

NP54239



T JUNCTION			
Code	Dimensions LxH (mm)	Lid size (mm)	Pack. Carton.
COLOUR: ANODIZED ALUMINIUM			
NP 54 295	100 x 70	80	2
NP 54 239	130 x 70	80	2
NP 54 249	170 x 70	80	2
NP 54 264	170 x 90	80	2

NP52262



JOINT FOR COVER			
Code	Lid size (mm)	Material	Pack. Carton.
COLOUR: WHITE RAL 9010			
NP 52 262	80	PVC	10

NP54538

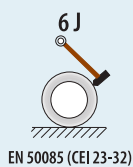
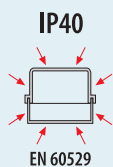


END COVER			
Code	Dimensions LxH (mm)		Pack. Carton.
COLOUR: ANODIZED ALUMINIUM			
NP 54 538	100 x 70		10
NP 54 544	130 x 70		10
NP 54 550	170 x 70		10
NP 54 562	170 x 90		10

NP 54/55 RANGE

ALUMINIUM SILL-TYPE AND DEVICE-MOUNTING TRUNKING SYSTEMS

BR-ALU - COLUMNS AND MINICOLUMNS



MINI-COLUMNS

NP55008



SINGLE-SIDED MINI-COLUMNS

Code	Columns height (m)	Dimensions LxH (mm)	Lid size (mm)	Pack. Carton.
NP 55 006	0,4	100x70	80	1
NP 55 008	0,7	100x70	80	1
NP 55 000	1	100x70	80	1

CHARACTERISTICS: the columns offer the possibility of connection with the over-floor channel ABK 85x20.

USE: allows the housing of devices for energy and/or signal socket-outlets near desks in a practical and safe manner.

Other height measurements can be supplied upon request. Internal circuits can be subdivided using the separation rails.

NP55009



DOUBLE-SIDED MINI-COLUMNS

Code	Columns height (m)	Dimensions LxH (mm)	Lid size (mm)	Pack. Carton.
NP 55 007	0,4	100x140	80	1
NP 55 009	0,7	100x140	80	1
NP 55 003	1	100x140	80	1

CHARACTERISTICS: the columns offer the possibility of connection with the over-floor channel ABK 85x20.

USE: allows the housing of devices for energy and/or signal socket-outlets near desks in a practical and safe manner on two opposing sides, making it possible to provide more circuits.

Other height measurements can be supplied upon request. Internal circuits can be subdivided using the separation rails.

COLUMNS

NP55001



CEILING COLUMN - ADJUSTABLE BETWEEN 2.40 AND 2.60 M

Code	Dimensions LxH (mm)	Lid size (mm)	Colour	Pack. Carton.
NP 55 001	100x70	80	Anodized aluminium	1

Internal circuits can be sub-divided using the separation rails.

MOUNTING: the column is fixed using screws and wall plugs supplied with the product.

It is also possible to fix it between the floor and the ceiling thanks to an internal and integrated mechanical height adjustment system, without the need for screws.

USE: allows the housing of devices for energy and/or signal socket-outlets near desks in a practical and safe manner.

ACCESSORIES SUPPLIED: all columns are supplied with terminals and cables for equipotential connection. Device-holding boxes not supplied.

NP55004



CEILING COLUMN - ADJUSTABLE BETWEEN 2.90 AND 3.10 M

Code	Dimensions LxH (mm)	Lid size (mm)	Colour	Pack. Carton.
NP 55 004	100x70	80	Anodized aluminium	1

Internal circuits can be sub-divided using the separation rails.

MOUNTING: the column is fixed using screws and wall plugs supplied with the product.

It is also possible to fix it between the floor and the ceiling thanks to an internal and integrated mechanical height adjustment system, without the need for screws.

USE: allows the housing of devices for energy and/or signal socket-outlets near desks in a practical and safe manner.

ACCESSORIES SUPPLIED: all columns are supplied with terminals and cables for equipotential connection. Device-holding boxes not supplied.

NP55002



FALSE CEILING COLUMN - ADJUSTABLE BETWEEN 2.90 AND 3.10 M (CEILING HEIGHT), BETWEEN 2.40 AND 2.60 M (FALSE CEILING HEIGHT)

Code	Dimensions LxH (mm)	Lid size (mm)	Colour	Pack. Carton.
NP 55 002	100x70	80	Anodized aluminium	1

Internal circuits can be sub-divided using the separation rails.

MOUNTING: the column is fixed using screws and wall plugs supplied with the product.

It is also possible to fix it between the floor and the ceiling thanks to an internal and integrated mechanical height adjustment system, without the need for screws.

USE: allows the housing of devices for energy and/or signal socket-outlets near desks in a practical and safe manner.

ACCESSORIES SUPPLIED: all columns are supplied with terminals and cables for equipotential connection. Device-holding boxes not supplied.

①=May 2010

②=June 2010

③=September 2010

COMPLEMENTARY ITEMS

COMPLEMENTARY ITEMS

NP54422		WALL CONNECTION FRAME		
		Code	Dimensions LxH (mm)	Pack. Carton.
		COLOUR: WHITE RAL 9010		
		NP 54 422	100 x 70	1
		NP 54 427	130 x 70	1
		NP 54 432	170 x 70	1

NP54475		CONNECTING PINS		
		Code	Fixing	Pack. Carton.
		NP 54 475	Pressure-operated	100

	EQUIPOTENTIAL CONNECTION ACCESSORIES				
	Code	Description	Length (mm)	Fixing	Pack. Carton.
	NP 54 474	Cable	220		100
	NP 54 405	Earth terminal		With screw	100
	NP54474: allows for the quick realisation of equipotential connection between bases, lids and covers with windows in combination with terminal NP54405. NP54405: the earth terminal can be installed quickly on the bases and covers of aluminium device-holding trunking mounting on the special rails.				

NP50295		DIVIDERS		
		Code	Division	Pack. Carton.
		NP 50 295	Multiple	48
		NP 52 293	Central	48
		NP 50 290	Twin	24

DEVICE-HOLDER BOX

NP50302		DEVICE-HOLDING BOX - DEPTH 52MM - CENTRE DISTANCE 83.5MM - ITALIAN STANDARD: 3 GANGS - BR / FB RANGE		
		Code	Colour	Pack. Carton.
		NP 50 302	Red	60

NP50305		DEVICE-HOLDING BOX - DEPTH 52MM - CENTRE DISTANCE 60MM - 2 GANGS - BR/FB RANGE		
		Code	Colour	Pack. Carton.
		NP 50 305	Red	40
Allows for the installation of the following GEWISS components in combination with adaptor NP50692: IEC309 range industrial flush-mounting socket-outlets, watertight lids GW27401 for 20 SYSTEM range domestic devices, watertight lids GW66708 and GW66745 for Ø 22 mm push-buttons/indicators, ECO 60 International domestic range.				

NP50307		DEVICE-HOLDING BOX - DEPTH 52MM - 4 GANGS - BR / FB RANGE		
		Code	Colour	Pack. Carton.
		NP 50 307	Green	20
APPLICATIONS: suitable for the assembly of: - 2 side-by-side components, ECO 60 range; - 2 components with centre distance 60mm; - components of the PLAYBUS range, in combination with the 4-module frame GW32404.				

NP 54/55 RANGE

NP 54/55 RANGE

ALUMINIUM SILL-TYPE AND DEVICE-MOUNTING TRUNKING SYSTEMS

SUPPORTS FOR DEVICE-HOLDING BOXES - 3 GANGS

Code	Description	Pack.
		Carton.
GW 16 803	3 gang	12/240

Code	Description	Pack.
		Carton.
GW 24 201	3 gang	10/300

Code	Description	Pack.
		Carton.
GW 32 403	3 gang	10/150

SUPPORTS FOR DEVICE-HOLDING BOXES - 2 GANGS

Code	Description	Pack.
		Carton.
GW 16 821	2 gang	12/120

Code	Description	Pack.
		Carton.
GW 24 262	2 gang	10/120

Code	Description	Pack.
		Carton.
GW 32 401	1 gang	10/150
GW 32 402	2 gang	10/150

Code	Suitable for	Centre distance	Colour	Pack.
				Carton.
NP 50 692	Socket-outlets	85x75	White RAL 9010	10
NP 50 299	Socket-outlets	85x75	Grey RAL 7035	10

Allows for the installation of the following GEWISS components in combination with device box NP50305: IEC309 range industrial flush-mounting socket-outlets, with 16 A nominal current, watertight lids GW27401 and GW26408 for 20 SYSTEM range domestic devices, watertight lids GW66708 and GW66745 for Ø 22 mm push-buttons/indicators.

Code	No. System modules	Dimensions LxH (mm)	Pack.
			Carton.
GW 27 401	2	85 x 75	3/60

Code	Dimensions LxH (mm)	Suitable for	Colour	Pack.
				Carton.
GW 66 708	85x75	1 Button Ø22 mm Range 74 PS	Grey	1/20
GW 66 745	85x75	1 Button Ø22 mm Range 74 PS	Yellow	1/20




NP 54/55 RANGE

①=May 2010

②=June 2010

③=September 2010

SUPPORTS FOR DEVICE-HOLDING BOXES - 4 GANGS

INSULATING SUPPORTS TO INSTALL CHORUS PLATES ON RECTANGULAR BOXES				
	Code	Description	Pack. Carton.	
GW16804		GW 16 804	4 gang	12/120
INSULATING SUPPORTS TO INSTALL TOP SYSTEM / VIRNA /CLASSIC PLATES ON RECTANGULAR BOXES				
	Code	Description	Pack. Carton.	
GW24292		GW 24 292	4 gang	10/150
INSULATING SUPPORTS FOR INSTALLATION OF PLAYBUS / PLAYBUS YOUNG PLATES ON RECTANGULAR BOXES				
	Code	Description	Pack. Carton.	
GW32404		GW 32 404	4 gang	10/100

NP 48 Range

Wiring trunking systems







Trunking for wiring in PVC available in 19 dimensions to meet every installation requirement. Quick and easy assembly, thanks to the practical characteristics of the product:

- Louvres with pre-cutting near the base.
- Trunking equipped with base with fixing adhesive.
- Lid with clip coupling.
- Bar length 2 metres, with 10mm pitch and 4mm slit.



NP 48 RANGE

WIRING TRUNKING SYSTEMS

VKD - WIRING TRUNKING							
TRUNKING		COVER		END COVER	CABLE-HOLDING COLLARS	CABLE-HOLDING CROSSPIECE	
Dimensions	Colours:  G = Grey RAL 7030	Dimension (width)					
25 x 25	NP 48 201	25	NP 48 062	NP 48 281		NP 48 367	NP 48 087
25 x 37.5	NP 48 203	25	NP 48 062	NP 48 282			
25 x 50	NP 48 206	25	NP 48 062	NP 48 285			
25 x 75	NP 48 212	25	NP 48 062	NP 48 297			
37.5 x 37.5	NP 48 204	37,5	NP 48 261	NP 48 283			
37.5 x 50	NP 48 207	37,5	NP 48 261	NP 48 286			
37.5 x 75	NP 48 213	37,5	NP 48 261	NP 48 291	NP 48 245		
50 x 37.5	NP 48 205	50	NP 48 262	NP 48 284			
50 x 50	NP 48 208	50	NP 48 262	NP 48 287	NP 48 241		
50 x 75	NP 48 214	50	NP 48 262	NP 48 292	NP 48 246		
50 x 100	NP 48 218	50	NP 48 262		NP 48 250		
75 x 50	NP 48 209	75	NP 48 263	NP 48 288	NP 48 242		
75 x 75	NP 48 215	75	NP 48 263	NP 48 293	NP 48 247		
75 x 100	NP 48 219	75	NP 48 263		NP 48 251		
100 x 50	NP 48 210	100	NP 48 066	NP 48 289	NP 48 243		
100 x 75	NP 48 216	100	NP 48 066	NP 48 294	NP 48 248		
100 x 100	NP 48 022	100	NP 48 066		NP 48 057		
125 x 50	NP 48 211	125	NP 48 264	NP 48 290	NP 48 244		
125 x 75	NP 48 217	125	NP 48 264	NP 48 295	NP 48 249		

VKD - WIRING TRUNKING

WIRING TRUNKING

NP48203



WIRING TRUNKING WITH COVER - LENGTH: 2 METRES

Code	Dimensions LxH (mm)	Section (mm ²)	Pack. Carton.
COLOUR: GREY RAL 7030			
NP 48 201	25x25	290	48
NP 48 203	25x37,5	550	54
NP 48 206	25x50	790	44
NP 48 212	25x75	1320	28
NP 48 204	37,5x37,5	870	40
NP 48 207	37,5x50	1260	32
NP 48 213	37,5x75	2030	28
NP 48 205	50x37,5	1190	32
NP 48 208	50x50	1740	42
NP 48 214	50x75	2810	24
NP 48 218	50x100	3940	24
NP 48 209	75x50	2690	28
NP 48 215	75x75	4370	24
NP 48 219	75x100	6120	20
NP 48 210	100x50	3650	20
NP 48 216	100x75	5940	16
NP 48 022	100x100	8300	14
NP 48 211	125x50	4600	24
NP 48 217	125x75	7500	16

NP48062



COVER - LENGTH: 2 METRES

Code	For wiring trunking	Pack. Carton.
COLOUR: GREY RAL 7030		
NP 48 062	Base 25	10
NP 48 261	Base 37,5	10
NP 48 262	Base 50	10
NP 48 263	Base 75	10
NP 48 066	Base 100	10
NP 48 264	Base 125	10

COMPLEMENTARY ITEMS

NP48057



CABLE HOLDING COLLAR

Code	For wiring trunking	Pack. Carton.
COLOUR: GREY RAL 7030		
NP 48 245	37,5x75	50
NP 48 241	50x50	50
NP 48 246	50x75	50
NP 48 250	50x100	50
NP 48 242	75x50	50
NP 48 247	75x75	50
NP 48 251	75x100	50
NP 48 243	100x50	50
NP 48 248	100x75	50
NP 48 057	100x100	50
NP 48 244	125x50	50
NP 48 249	125x75	50

NP 48 RANGE



CABLE HOLDING CROSSPIECE

Code	Colour	Pack. Carton.
NP 48 367	Grey RAL 7030	100

NP48087



CABLE HOLDING CROSSPIECE

Code	Length (mm)	Pack. Carton.
NP 48 087	125	50

NP48281



END COVER			
Code	For wiring trunking	Colour	Pack. Carton.
NP 48 281	25x25	Grey RAL 7030	10
NP 48 282	25x37,5	Grey RAL 7030	10
NP 48 283	37,5x37,5	Grey RAL 7030	10
NP 48 284	50x37,5	Grey RAL 7030	10
NP 48 285	25x50	Grey RAL 7030	10
NP 48 286	37,5x50	Grey RAL 7030	10
NP 48 287	50x50	Grey RAL 7030	10
NP 48 288	75x50	Grey RAL 7030	10
NP 48 289	100x50	Grey RAL 7030	10
NP 48 290	125x50	Grey RAL 7030	10
NP 48 297	25x75	Grey RAL 7030	10
NP 48 291	37,5x75	Grey RAL 7030	10
NP 48 292	50x75	Grey RAL 7030	10
NP 48 293	75x75	Grey RAL 7030	10
NP 48 294	100x75	Grey RAL 7030	10
NP 48 295	125x75	Grey RAL 7030	10

NP48081



POLYMER WALL FIXING DOWEL			
Code	For holes Ø (mm)	Colour	Pack. Carton.
NP 48 081	3,5	Black	1,000
NP 48 082	6	White	1,000

NP48083



WALL PLUG TOOL			
Code	For holes Ø (mm)		Pack. Carton.
MATERIAL: STEEL			
NP 48 083	3,5		1
NP 48 084	6		1

NP48091



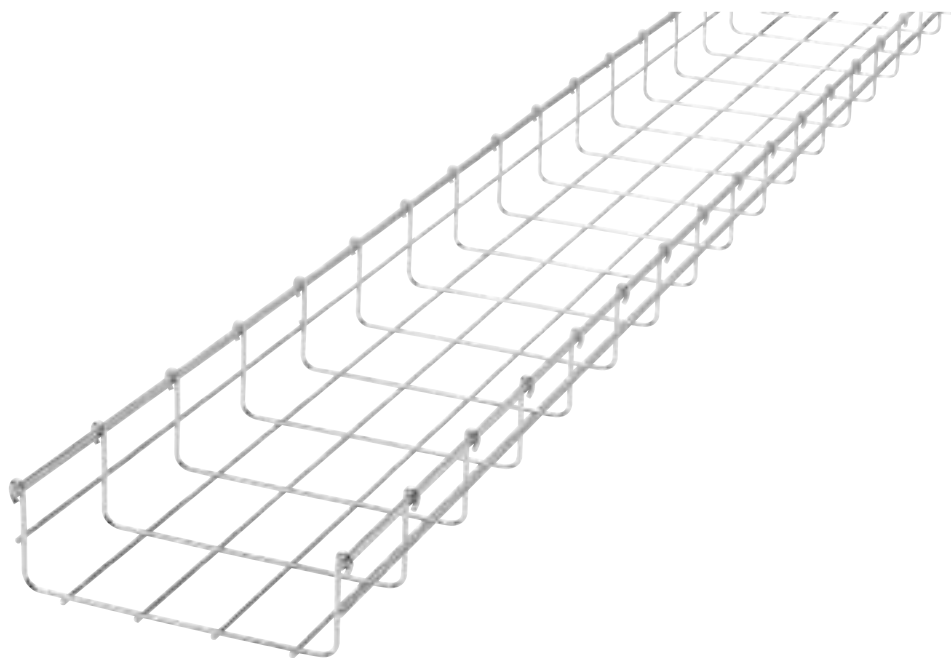
SPIRALLED SHEATH FOR CABLE FASTENING			
Code	Ø (mm)	Colour	Pack. Carton.
MATERIAL: SELF-EXTINGUISHING GWT 650°C			
NP 48 091	6	Transparent	25
NP 48 093	9	Transparent	25
NP 48 095	13	Transparent	25
NP 48 092	6	Grey	25
NP 48 094	9	Grey	25
NP 48 096	13	Grey	25

BFR range

Steel wire cable trays






Steel wire cable trays for use in the commercial and industrial sectors.
3 heights, 8 widths and 4 finishes.

- Quick installation thanks to the automatic connection and quick coupling brackets.
- Rounded edge and double lateral wire: greater safety and mechanical resistance.
- Loan for use of "Speedy Flex" cutting and bending machine.
- Better ventilation and cleaning of cables.



BFR RANGE

GALVANIZED STEEL CABLE TRAYS

Cable tray dimensions (mm)	CABLE TRAY				FINISHING ACCESSORIES						
	Straight elements				Cover			Divider			
	Z 100	EZ	GAC	Stainless steel	Z 275	GAC	Stainless steel	Z 275	GAC	Stainless steel	
50x30	MV 50 520	MV 50 420	MV 50 220	MV 50 620	MV 50 150	MV 50 250	MV 50 650	MV 65 110	MV 65 210	MV 65 610	
100x30	MV 50 521	MV 50 421	MV 50 221	MV 50 621	MV 50 151	MV 50 251	MV 50 651	MV 65 110	MV 65 210	MV 65 610	
150x30	MV 50 522	MV 50 422	MV 50 222	MV 50 622	MV 50 152	MV 50 252	MV 50 652	MV 65 110	MV 65 210	MV 65 610	
200x30	MV 50 523	MV 50 423	MV 50 223	MV 50 623	MV 50 153	MV 50 253	MV 50 653	MV 65 110	MV 65 210	MV 65 610	
300x30	MV 50 525	MV 50 425	MV 50 225	MV 50 625	MV 50 155	MV 50 255	MV 50 655	MV 65 110	MV 65 210	MV 65 610	
50x60	MV 50 530	MV 50 430	MV 50 230	MV 50 630	MV 50 150	MV 50 250	MV 50 650	MV 65 111	MV 65 211	MV 65 611	
100x60	MV 50 531	MV 50 431	MV 50 231	MV 50 631	MV 50 151	MV 50 251	MV 50 651	MV 65 111	MV 65 211	MV 65 611	
150x60	MV 50 532	MV 50 432	MV 50 232	MV 50 632	MV 50 152	MV 50 252	MV 50 652	MV 65 111	MV 65 211	MV 65 611	
200x60	MV 50 533	MV 50 433	MV 50 233	MV 50 633	MV 50 153	MV 50 253	MV 50 653	MV 65 111	MV 65 211	MV 65 611	
250x60	MV 50 534	MV 50 434	MV 50 234		MV 50 154	MV 50 254		MV 65 111	MV 65 211		
300x60	MV 50 535	MV 50 435	MV 50 235	MV 50 635	MV 50 155	MV 50 255	MV 50 655	MV 65 111	MV 65 211	MV 65 611	
400x60	MV 50 536	MV 50 436	MV 50 236	MV 50 636	MV 50 156	MV 50 256	MV 50 656	MV 65 111	MV 65 211	MV 65 611	
500x60	MV 50 537	MV 50 437	MV 50 237	MV 50 637	MV 50 157	MV 50 257	MV 50 657	MV 65 111	MV 65 211	MV 65 611	
600x60	MV 50 538	MV 50 438	MV 50 238	MV 50 638	MV 50 158	MV 50 258	MV 50 658	MV 65 111	MV 65 211	MV 65 611	
150x110	MV 50 542	MV 50 442	MV 50 242	MV 50 642	MV 50 152	MV 50 252	MV 50 652	MV 65 113	MV 65 213	MV 65 613	
200x110	MV 50 543	MV 50 443	MV 50 243	MV 50 643	MV 50 153	MV 50 253	MV 50 653	MV 65 113	MV 65 213	MV 65 613	
300x110	MV 50 545	MV 50 445	MV 50 245	MV 50 645	MV 50 155	MV 50 255	MV 50 655	MV 65 113	MV 65 213	MV 65 613	
400x110	MV 50 546	MV 50 446	MV 50 246	MV 50 646	MV 50 156	MV 50 256	MV 50 656	MV 65 113	MV 65 213	MV 65 613	
500x110	MV 50 547	MV 50 447	MV 50 247	MV 50 647	MV 50 157	MV 50 257	MV 50 657	MV 65 113	MV 65 213	MV 65 613	
600x110	MV 50 548	MV 50 448	MV 50 248	MV 50 648	MV 50 158	MV 50 258	MV 50 658	MV 65 113	MV 65 213	MV 65 613	
BENDING AND CUTTING EQUIPMENT FOR BFR WIRE CABLE TRAY	Shears with asymmetric blades				ACCESSORIES						
	 MV 51 904										
Speedycurve automatic		Spare blades		Earth terminal							
 MV 51 943		 MV 51 945		 MV 51 946							
						Identification plate					
						 MV 51 947					

BFR RANGE






COUPLING SYSTEMS

Speed-lock coupler		Straight coupler with bolts			Universal coupler								
Z 275	GAC	Z 275	GAC	Stainless steel	BICHRO			DACRO			Stainless steel		
MV 51 110	MV 51 210				MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210				MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210				MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210				MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210				MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622	MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622	MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622	MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622	MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622	MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622	MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622	MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622	MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622	MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622	MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622	MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622	MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621
MV 51 110	MV 51 210	MV 51 123 MV 51 422	MV 51 223 MV 51 222	MV 51 623 MV 51 622	MV 66 403	MV 51 420	MV 51 421	MV 66 203	MV 51 220	MV 51 221	MV 66 620	MV 51 620	MV 51 621

BFR RANGE

BFR RANGE

GALVANIZED STEEL CABLE TRAYS

Cable tray dimensions (mm)	FIXING ACCESSORIES					SUSPENSION AND FIXING ACCESSORIES				
	External support for rigid pipes / junction boxes 			External support for sheath 	Exit cable slide 	Wall mounting bracket / junction box support 		Suspension support 		
	Z 275	GAC	Stainless steel	Z 275	Z 275	Z 275	GAC	Z 275	GAC	Stainless steel
50x30	MV 51 101	MV 51 201	MV 51 601	MV 51 148	MV 51 149			MV 64 161	MV 64 261	MV 64 661
100x30	MV 51 101	MV 51 201	MV 51 601			MV 64 161	MV 64 261	MV 64 661		
150x30	MV 51 101	MV 51 201	MV 51 601							
200x30	MV 51 101	MV 51 201	MV 51 601							
300x30	MV 51 101	MV 51 201	MV 51 601							
50x60	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203	MV 64 161	MV 64 261	MV 64 661
100x60	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203	MV 64 161	MV 64 261	MV 64 661
150x60	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203			
200x60	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203			
250x60	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203			
300x60	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203			
400x60	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203			
500x60	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203			
600x60	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203			
150x110	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203			
200x110	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203			
300x110	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203			
400x110	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203			
500x110	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203			
600x110	MV 51 101	MV 51 201	MV 51 601			MV 51 103	MV 51 203			

SUSPENSION AND FIXING ACCESSORIES

*Universal supports



Stainless steel support
AISI 304 L



** Suspension hanger



***Centre rod suspension clamp



Z 275	GAC	Stainless steel	Stainless steel	Z 275	GAC	Stainless steel	BICHRO	DACRO	Stainless steel
MV 51 130	MV 51 230	MV 51 630	MV 64 670	MV 51 105	MV 51 205	MV 51 605			
MV 51 130	MV 51 230	MV 51 630	MV 64 670	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
MV 51 131	MV 51 231	MV 51 631	MV 64 671	MV 51 105	MV 51 205	MV 51 605			
MV 51 132	MV 51 232	MV 51 632	MV 64 671	MV 51 105	MV 51 205	MV 51 605			
MV 51 133	MV 51 233	MV 51 633	MV 64 672	MV 51 105	MV 51 205	MV 51 605			
MV 51 130	MV 51 230	MV 51 630	MV 64 670	MV 51 105	MV 51 205	MV 51 605			
MV 51 130	MV 51 230	MV 51 630	MV 64 670	MV 51 105	MV 51 205	MV 51 605	MV 51 402	MV 51 202	MV 51 602
MV 51 131	MV 51 231	MV 51 631	MV 64 671	MV 51 105	MV 51 205	MV 51 605			
MV 51 132	MV 51 232	MV 51 632	MV 64 671	MV 51 105	MV 51 205	MV 51 605			
MV 51 132	MV 51 232	MV 51 632	MV 64 671	MV 51 105	MV 51 205	MV 51 605			
MV 51 133	MV 51 233	MV 51 633	MV 64 672	MV 51 105	MV 51 205	MV 51 605			
MV 51 134	MV 51 234	MV 51 634	MV 64 673	MV 51 105	MV 51 205	MV 51 605			
MV 51 135	MV 51 235	MV 51 635	MV 64 674	MV 51 105	MV 51 205	MV 51 605			
MV 51 136	MV 51 236	MV 51 639		MV 51 105	MV 51 205	MV 51 605			
MV 51 131	MV 51 231	MV 51 631	MV 64 671	MV 51 105	MV 51 205	MV 51 605			
MV 51 132	MV 51 232	MV 51 632	MV 64 671	MV 51 105	MV 51 205	MV 51 605			
MV 51 133	MV 51 233	MV 51 633	MV 64 672	MV 51 105	MV 51 205	MV 51 605			
MV 51 134	MV 51 234	MV 51 634	MV 64 673	MV 51 105	MV 51 205	MV 51 605			
MV 51 135	MV 51 235	MV 51 635	MV 64 674	MV 51 105	MV 51 205	MV 51 605			
MV 51 136	MV 51 236	MV 51 639		MV 51 105	MV 51 205	MV 51 605			

* For use in suspension, choose the next size up and two Ø 6 or Ø 10 threaded bars

** Use Ø 8 threaded bar and safety rivet retainer Code MV 51 086

*** Use 2 plates and 1 Ø 6 threaded bar for suspension

BFR RANGE

GALVANIZED STEEL CABLE TRAYS

		SUSPENSION AND FIXING ACCESSORIES						
Cable tray dimensions (mm)	Drop rod hanger for universal supports #			***Drop rod hanger		***Lamp support and suspension		
	Z 275	GAC	Stainless steel	Z 275	GAC	Z 275	GAC	Stainless steel
50x30	MV 64 162	MV 64 262	MV 64 662			MV 51 107	MV 51 207	MV 51 607
100x30	MV 64 162	MV 64 262	MV 64 662	MV 51 140	MV 51 240	MV 51 108	MV 51 208	MV 51 608
150x30	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
200x30	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
300x30	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
50X60	MV 64 162	MV 64 262	MV 64 662			MV 51 107	MV 51 207	MV 51 607
100X60	MV 64 162	MV 64 262	MV 64 662	MV 51 140	MV 51 240	MV 51 108	MV 51 208	MV 51 608
150X60	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
200X60	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
250x60	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
300X60	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
400X60	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
500X60	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
600X60	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
150X110	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
200X110	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
300X110	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
400X110	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
500X110	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608
600X110	MV 64 162	MV 64 262	MV 64 662			MV 51 108	MV 51 208	MV 51 608

*** Use 1 Ø 6 threaded bar for suspension

Use with universal couplings L min. 400 mm and 1 threaded bar Ø 10 for suspension

SURFACE TREATMENTS

Type	Reference Standards	Description
Z 100	NF A 91-131 EN 10244-2	CONTINUOUS HOT-DIP GALVANIZATION OF THE WIRE BEFORE MANUFACTURING The galvanization is carried out by hot-dipping the wire into a molten zinc bath at 450-460° C. The current Z 100 quality corresponds to a coating thickness of 15-20 micron, i.e. a zinc mass of at least 100 g/m ² . The salt spray fog tests made by LNE confirm the excellent protection of the welded points against corrosion, due to the cathode phenomenon. Regular cleaning of the joints ensures appearance retention.
Z 275	EN10147 EN10327	CONTINUOUS HOT-DIP GALVANIZATION OF SHEET METAL BEFORE MANUFACTURING The galvanization is carried out by hot-dipping a pre-treated sheet of steel into a zinc bath at 450-460°C. The surface aspect of the Z 275 finish is due to the natural crystallisation of the zinc. The current Z 275 grade corresponds to a coating thickness of 21 micron, i.e. a zinc mass of at least 275 g/m ² on both sides.
EZ	EN12329 EN12330	ELECTROLITIC GALVANIZATION AFTER MANUFACTURING The BFR cable tray is protected using the following procedure: the zinc coating is applied to the steel by electrolysis after the wire mesh has been bent and welded evenly over the entire length of the cable tray. Coating thickness averages between 15 to 20 micron. The finish is glossy and shiny.
GAC	EN ISO 1461 EN ISO 10289	HOT-DIP GALVANIZATION AFTER MANUFACTURING This procedure involves hot-dipping the manufactured product into a zinc bath at approximately 450° C. The average zinc mass is of 335 g/m ² on both sides, which corresponds to a coating thickness of about 50 micron, varying according to the thickness of the sheet. This surface treatment is recommended for damp and corrosive environments. The possible appearance of white stains, due to the formation of zinc carbonate hydroxide, does not affect the resistance to corrosion. The finish is matt.
BICHRO	NF A 91-472 ISO 2081	BICHROMATE ELECTRO-GALVANIZATION The electrolytic coating of chrome-plated zinc gives the finished product a golden tint. Passivation gives the end product a golden hue. This surface treatment is used for some accessories (better corrosion resistance than electrolytic galvanization).
DACRO		ZINC/ALUMINIUM METAL COATING Dacromet is a non-electrolytic metal coating. It consists of zinc and aluminium in a chromium oxide alloy. This intrinsic passivation offers a protection of 500 hours against sea spray mist with a coating thickness of 5 micron.
EPOXY	EN ISO 9227	SPRAY PAINTING WITH EPOXY-POLYESTER POWDER COATING (EPOXY) Thanks to a painting station integrated in the production line, GEWISS can provide the galvanized steel cable tray as well as the accessories coated with an epoxy-resin and polyester-based powder paint. The coating is applied with an automatic electrostatic spray-paint gun after pre-treating the products and the appropriate surfaces. M1 Fire Class. Corrosion resistance as per EN ISO 9227 Salt Spray Fog Standard. Standard colours RAL 3020 red and RAL 7030 grey; other colours available upon request (see RAL colour chart).

SURFACE TREATMENTS DEPENDANT ON APPLICATION ENVIRONMENT

Environment	Galvanised Z 100 - Z 275	Electro-galvanised EZ	Galvanised GAC	Epoxy painting on Z 100 - Z 275	Stainless steel AISI 304 L
Indoor installations normal environment	●	●	●	●	●
Outdoor installations normal environment	●	●	●	●	●
Marine environment	●	●	●	●	●
Alkaline environment	●	●	●	●	●
Acid environment	●	●	●	●	●
Chemical industry	●	●	●	●	●
Food production environment	●	●	●	●	●

● High ● Good ● Possible ● Not recommended

GALVANIZED WIRE MESH CABLE TRAYS/BASKET

BFR 30 CABLE TRAY

MV50520



GALVANIZED WIRE MESH CABLE TRAY - LENGTH: 3 METRES

Code	Width (mm)	Pack. Carton.
FINISHING: Z 100		
MV 50 520	50	30
MV 50 521	100	30
MV 50 522	150	18
MV 50 523	200	12
MV 50 525	300	6
FINISHING: EZ		
MV 50 420	50	30
MV 50 421	100	30
MV 50 422	150	18
MV 50 423	200	12
MV 50 425	300	6
FINISHING: GAC		
MV 50 220	50	30
MV 50 221	100	30
MV 50 222	150	18
MV 50 223	200	12
MV 50 225	300	6
FINISHING: STAINLESS STEEL		
MV 50 620	50	30
MV 50 621	100	30
MV 50 622	150	18
MV 50 623	200	12
MV 50 625	300	6

MV50420 - MV50220: Width. 50 = 1 chain row.

BFR 60 CABLE TRAY

MV50533



GALVANIZED WIRE MESH CABLE TRAY - LENGTH: 3 METRES

Code	Width (mm)	Pack. Carton.
FINISHING: Z 100		
MV 50 530	50	24
MV 50 531	100	24
MV 50 532	150	12
MV 50 533	200	12
MV 50 534	250	6
MV 50 535	300	6
MV 50 536	400	6
MV 50 537	500	6
MV 50 538	600	6
FINISHING: EZ		
MV 50 430	50	24
MV 50 431	100	24
MV 50 432	150	12
MV 50 433	200	12
MV 50 434	250	6
MV 50 435	300	6
MV 50 436	400	6
MV 50 437	500	6
MV 50 438	600	6
FINISHING: GAC		
MV 50 230	50	24
MV 50 231	100	24
MV 50 232	150	12
MV 50 233	200	12
MV 50 234	250	6
MV 50 235	300	6
MV 50 236	400	6
MV 50 237	500	6
MV 50 238	600	6
FINISHING: STAINLESS STEEL		
MV 50 630	50	24
MV 50 631	100	24
MV 50 632	150	12
MV 50 633	200	12
MV 50 635	300	6
MV 50 636	400	6
MV 50 637	500	6
MV 50 638	600	6

MV50530 - MV50430 - MV50230: Width. 50 = 1 chain row.

BFR RANGE

GALVANIZED STEEL CABLE TRAYS

BFR 110 CABLE TRAY

MV50543



GALVANIZED WIRE MESH CABLE TRAY - LENGTH: 3 METRES

Code	Width (mm)	Pack. Carton.
FINISHING: Z 100		
MV 50 542	150	12
MV 50 543	200	6
MV 50 545	300	6
MV 50 546	400	6
MV 50 547	500	6
MV 50 548	600	6
FINISHING: EZ		
MV 50 442	150	12
MV 50 443	200	6
MV 50 445	300	6
MV 50 446	400	6
MV 50 447	500	6
MV 50 448	600	6
FINISHING: GAC		
MV 50 242	150	12
MV 50 243	200	6
MV 50 245	300	6
MV 50 246	400	6
MV 50 247	500	6
MV 50 248	600	6
FINISHING: STAINLESS STEEL		
MV 50 642	150	12
MV 50 643	200	6
MV 50 645	300	6
MV 50 646	400	6
MV 50 647	500	6
MV 50 648	600	6

FINISHING ACCESSORIES

MV50156



BFR COVER - LENGTH: 3 METRES

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 50 150	50	30
MV 50 151	100	18
MV 50 152	150	18
MV 50 153	200	18
MV 50 154	250	18
MV 50 155	300	12
MV 50 156	400	12
MV 50 157	500	6
MV 50 158	600	6
FINISHING: GAC		
MV 50 250	50	30
MV 50 251	100	18
MV 50 252	150	18
MV 50 253	200	18
MV 50 254	250	18
MV 50 255	300	12
MV 50 256	400	12
MV 50 257	500	6
MV 50 258	600	6
FINISHING: STAINLESS STEEL		
MV 50 650	50	30
MV 50 651	100	18
MV 50 652	150	18
MV 50 653	200	18
MV 50 655	300	12
MV 50 656	400	12
MV 50 657	500	6
MV 50 658	600	6

MV65110



STRAIGHT SEPARATOR BFR 30-60-110 - LENGTH: 3 METRES

Code	Description	For BFR trays	Pack. Carton.
FINISHING: Z 275			
MV 65 110	Separator	30	15
MV 65 111	Separator	60	15
MV 65 113	Separator	110	15
FINISHING: GAC			
MV 65 210	Separator	30	15
MV 65 211	Separator	60	15
MV 65 213	Separator	110	15
FINISHING: STAINLESS STEEL			
MV 65 610	Separator	30	15
MV 65 611	Separator	60	15
MV 65 613	Separator	110	15

INSTALLATION ACCESSORIES

JOINTING PIECES

MV51110



QUICK AUTOMATIC JOINT BFR 30-60-110

Code	Description	Finishing	Pack. Carton.
MV 51 110	Speed-lock coupler	Z 275	50
MV 51 210	Speed-lock coupler	GAC	50



BFR 60-110 STRAIGHT COUPLER WITH BOLTS

Code	Description	Characteristics	Accessories supplied	Pack. Carton.
FINISHING: Z 275				
MV 51 123	Rigid coupler			100
MV 51 422	Counter clamping washer	With Bichro finish	Bolts and nut	100
FINISHING: GAC				
MV 51 223	Rigid coupler			30
MV 51 222	Counter clamping washer	With Dacro finish	Bolts and nut	100
FINISHING: STAINLESS STEEL				
MV 51 623	Rigid coupler			30
MV 51 622	Counter clamping washer		Bolts and nut	100



UNIVERSAL COUPLER

Code	Description	Dimension	Accessories supplied	Pack. Carton.
FINISHING: BICHRO				
MV 51 420	Clamping washer			100
MV 51 421	Counter clamping washer			100
MV 66 403	Bolt + nut	M6x20	Flanged nut	100
FINISHING: DACRO				
MV 51 220	Clamping washer			100
MV 51 221	Counter clamping washer			100
MV 66 203	Bolt + nut	M6x20	Flanged nut	100
FINISHING: STAINLESS STEEL				
MV 51 620	Clamping washer			50
MV 51 621	Counter clamping washer			50
MV 66 620	TRCC bolt+nut	M6x20	Flanged nut	100

NOTE: a complete connection consists of 1 plate, 1 counter plate, 1 bolt.

SUSPENSION AND FIXING ACCESSORIES

MV64670



AISI 304 STAINLESS STEEL SUPPORT

Code	Length (mm)	Pack. Carton.
MV 64 670	100	30
MV 64 671	200	30
MV 64 672	300	30
MV 64 673	400	30
MV 64 674	500	25

Fixing with stainless steel bolt TRCC 6x20 MV66620 and stainless steel counter clamping washer MV51621.

MV51130



UNIVERSAL SUPPORTS BFR

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 51 130	100	100
MV 51 131	150	70
MV 51 132	200	50
MV 51 133	300	40
MV 51 134	400	25
MV 51 135	500	25
MV 51 136	1000	10
MV 51 137	1500	10
MV 51 138	2000	10
FINISHING: GAC		
MV 51 230	100	100
MV 51 231	150	70
MV 51 232	200	50
MV 51 233	300	40
MV 51 234	400	25
MV 51 235	500	25
MV 51 236	1000	10
MV 51 237	1500	10
MV 51 238	2000	10
FINISHING: STAINLESS STEEL		
MV 51 630	100	100
MV 51 631	150	70
MV 51 632	200	50
MV 51 633	300	40
MV 51 634	400	25
MV 51 635	500	25
MV 51 639	600	25

MV51103



WALL MOUNTING BRACKET / JUNCTION BOX SUPPORT - BFR 60-110

Code	Description	Finishing	Pack. Carton.
MV 51 103	BFR Wall mounting bracket width 50 / 100	Z 275	100
MV 51 203	BFR Wall mounting bracket width 50 / 100	GAC	100

MV64161



HIGH BAY SUPPORT

Code	Description	Suitable for	Finishing	Pack. Carton.
MV 64 161	Suspension bracket	BFR 30/60 width 50/100	Z 275	50
MV 64 261	Suspension bracket	BFR 30/60 width 50/100	GAC	50
MV 64 661	Suspension bracket	BFR 30/60 width 50/100	Stainless steel	50

MV51148



EXTERNAL SUPPORT FOR SHEATH

Code	Description	Suitable for	Finishing	Pack. Carton.
MV 51 148	Derivation external support junction	BFR	Z 275	10

MV51149



EXIT CABLES SLIDE

Code	Description	Suitable for	Finishing	Pack. Carton.
MV 51 149	Protection for cables exit for cables exit	BFR	Z 275	10

MV51101



EXTERNAL SUPPORT FOR RIGID CONDUITS/JUNCTION BOXES

Code	Description	Finishing	Pack. Carton.
MV 51 101	Fixing BFR width 50	Z 275	100
MV 51 201	Fixing BFR width 50	GAC	100
MV 51 601	Fixing BFR width 50	Stainless steel	100

CHARACTERISTICS: combined with clip supports and saddle collars of the 50 AC range, it allows you to install rigid conduits (ø 16 to ø 50mm) outside the BFR cable tray.

NOTE: fixed to the wall, it can be used as a support for BFR cable trays 50mm wide.

MV51105



SUSPENSION TIE

Code	Description	Suitable for	Finishing	Pack. Carton.
MV 51 105	Suspension hanger	BFR	Z 275	100
MV 51 205	Suspension hanger	BFR	GAC	100
MV 51 605	Suspension hanger	BFR	Stainless steel	100
MV 51 806	Safety rivet			100

Use a threaded bar Ø 8.

MV51402



CENTRE SUSPENSION CLAMP

Code	Description	Suitable for	Finishing	Pack. Carton.
MV 51 402	Suspension plate	BFR width100	Bichro	100
MV 51 202	Suspension plate	BFR width100	Dacro	100
MV 51 602	Suspension plate	BFR width100	Stainless steel	100

Use threaded bar Ø 6 mm.

MV64162



SUSPENSION FOR UNIVERSAL SUPPORTS

Code	Description	Finishing	Pack. Carton.
MV 64 162	Suspension coupling	Z 275	60
MV 64 262	Suspension coupling	GAC	60
MV 64 662	Suspension coupling	Stainless steel	60

MV51140



CENTRAL SUSPENSION

Code	Description	Suitable for	Finishing	Pack. Carton.
MV 51 140	Drop rod hanger	BFR width100	Z 275	50
MV 51 240	Drop rod hanger	BFR width100	GAC	50

Use a threaded bar ? 6.

MV51107



LAMP SUPPORT AND CENTRAL SUSPENSION

Code	Description	Suitable for	Finishing	Pack. Carton.
MV 51 107	Lamp suspension	BFR width 50	Z 275	100
MV 51 207	Lamp suspension	BFR width 50	GAC	100
MV 51 607	Lamp suspension	BFR width 50	Stainless steel	100

Use a threaded bar ? 6.

MV51108



LAMP SUPPORT

Code	Description	Finishing	Pack. Carton.
MV 51 108	Lamp sspension	Z 275	100
MV 51 208	Lamp sspension	GAC	100
MV 51 608	Lamp sspension	Stainless steel	100

BENDING AND CUTTING EQUIPMENT

SHEARS

MV51904



BFR CUTTER

Code	Suitable for	Pack. Carton.
MV 51 904	BFR	1

AUTOMATIC EQUIPMENT

MV51943



AUTOMATIC SPEEDYCURVA

Code	Description	Weight (kg)	Pack. Carton.
MV 51 943	Automatic equipment for cutting and bending	340	1

CHARACTERISTICS: closed dimensions (LxHxD) 800x900x900 mm, open dimensions (LxHxD) 1400x900x900 mm, power supply 400 V -3P+E, absorption 1.1 kW, supplied with wheels. Reference standards: machinery directive 392/89 EEC, safety EN 294, EN 349.

SPARE PARTS

MV51945



SPARE BLADES

Code	Description	Suitable for	Pack. Carton.
MV 51 945	Kit spare blade	Speedycurva automatic	1

ACCESSORIES

MV51946



EARTH TERMINAL

Code	Material	Max. section flex. cables	Pack. Carton.
MV 51 946	Brass	16 mm ²	10

MV51947



IDENTIFICATION DIE

Code	Material	Dimension	Pack. Carton.
MV 51 947	PVC	90x40 mm	50/500

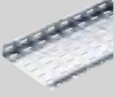



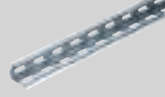
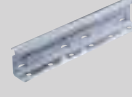



BRN range

Sheet cable trays in galvanizes steel

Perforated-sheet cable trays for commercial and industrial applications.

- Ribs on the bottom for higher load resistance.
- Rounded higher edge for total safety.
- Quick assembly thanks to the automatic connection.
- Press-on fixing cover.



	CABLE TRAYS					JOINTS FOR BRN BASES		DIVIDER		JOINTING PIECES	
	Straight elements		Cover		Clip for cover					Automatic speed-lock	
											
Dimensions	Z 275	GAC	Z 275	GAC	STAINLESS STEEL	Z 275	GAC	Z 275	GAC	Z 275	GAC
65x35	MV 40 100	MV 40 200	MV 40 180	MV 40 280	MV 41 601			MV 65 110	MV 65 210	MV 41 110	MV 41 212
95x35	MV 40 101	MV 40 201	MV 40 181	MV 40 281	MV 41 601			MV 65 110	MV 65 210	MV 41 110	MV 41 212
125x35	MV 40 102	MV 40 202	MV 40 182	MV 40 282	MV 41 601			MV 65 110	MV 65 210	MV 41 110	MV 41 212
155x35	MV 40 103	MV 40 203	MV 40 183	MV 40 283	MV 41 601			MV 65 110	MV 65 210	MV 41 110	MV 41 212
185x35	MV 40 104	MV 40 204	MV 40 184	MV 40 284	MV 41 601			MV 65 110	MV 65 210	MV 41 110	MV 41 212
215x35	MV 40 105	MV 40 205	MV 40 185	MV 40 285	MV 41 601			MV 65 110	MV 65 210	MV 41 110	MV 41 212
245x35	MV 40 106	MV 40 206	MV 40 186	MV 40 286	MV 41 601			MV 65 110	MV 65 210	MV 41 110	MV 41 212
305x35	MV 40 108	MV 40 208	MV 40 188	MV 40 288	MV 41 601			MV 65 110	MV 65 210	MV 41 110	MV 41 212
365x35	MV 40 110	MV 40 210	MV 40 190	MV 40 290	MV 41 601			MV 65 110	MV 65 210	MV 41 110	MV 41 212
395x35	MV 40 111	MV 40 211	MV 40 191	MV 40 291	MV 41 601	MV 48 151	MV 48 251	MV 65 110	MV 65 210	MV 41 110	MV 41 212
65x50	MV 40 120	MV 40 220	MV 40 180	MV 40 280	MV 41 602			MV 65 111	MV 65 211	MV 41 111	MV 41 213
95x50	MV 40 121	MV 40 221	MV 40 181	MV 40 281	MV 41 602			MV 65 111	MV 65 211	MV 41 111	MV 41 213
125x50	MV 40 122	MV 40 222	MV 40 182	MV 40 282	MV 41 602			MV 65 111	MV 65 211	MV 41 111	MV 41 213
155x50	MV 40 123	MV 40 223	MV 40 183	MV 40 283	MV 41 602			MV 65 111	MV 65 211	MV 41 111	MV 41 213
185x50	MV 40 124	MV 40 224	MV 40 184	MV 40 284	MV 41 602			MV 65 111	MV 65 211	MV 41 111	MV 41 213
215x50	MV 40 125	MV 40 225	MV 40 185	MV 40 285	MV 41 602			MV 65 111	MV 65 211	MV 41 111	MV 41 213
245x50	MV 40 126	MV 40 226	MV 40 186	MV 40 286	MV 41 602			MV 65 111	MV 65 211	MV 41 111	MV 41 213
305x50	MV 40 128	MV 40 228	MV 40 188	MV 40 288	MV 41 602			MV 65 111	MV 65 211	MV 41 111	MV 41 213
365x50	MV 40 130	MV 40 230	MV 40 190	MV 40 290	MV 41 602			MV 65 111	MV 65 211	MV 41 111	MV 41 213
395x50	MV 40 131	MV 40 231	MV 40 191	MV 40 291	MV 41 602	MV 48 151	MV 48 251	MV 65 111	MV 65 211	MV 41 111	MV 41 213
515x50	MV 40 135	MV 40 235	MV 40 195	MV 40 295	MV 41 602	MV 48 155	MV 48 255	MV 65 111	MV 65 211	MV 41 111	MV 41 213
95x65	MV 40 141	MV 40 241	MV 40 181	MV 40 281	MV 41 603			MV 65 112	MV 65 212		
215x65	MV 40 145	MV 40 245	MV 40 185	MV 40 285	MV 41 603			MV 65 112	MV 65 212		
305x65	MV 40 148	MV 40 248	MV 40 188	MV 40 288	MV 41 603			MV 65 112	MV 65 212		
395x65	MV 40 151	MV 40 251	MV 40 191	MV 40 291	MV 41 603	MV 48 151	MV 48 251	MV 65 112	MV 65 212		
515x65	MV 40 155	MV 40 255	MV 40 195	MV 40 295	MV 41 603	MV 48 155	MV 48 255	MV 65 112	MV 65 212		
605x65	MV 40 157	MV 40 257	MV 40 197	MV 40 297	MV 41 603	MV 48 157	MV 48 257	MV 65 112	MV 65 212		
125x80	MV 40 162	MV 40 262	MV 40 182	MV 40 282	MV 41 602			MV 65 113	MV 65 213		
215x80	MV 40 165	MV 40 265	MV 40 185	MV 40 285	MV 41 602			MV 65 113	MV 65 213		
305x80	MV 40 168	MV 40 268	MV 40 188	MV 40 288	MV 41 602			MV 65 113	MV 65 213		
395x80	MV 40 171	MV 40 271	MV 40 191	MV 40 291	MV 41 602	MV 48 151	MV 48 251	MV 65 113	MV 65 213		
515x80	MV 40 175	MV 40 275	MV 40 195	MV 40 295	MV 41 602	MV 48 155	MV 48 255	MV 65 113	MV 65 213		
605x80	MV 40 177	MV 40 277	MV 40 197	MV 40 297	MV 41 602	MV 48 157	MV 48 257	MV 65 113	MV 65 213		
ACCESSORIES (Bolts)											
Bolt M6x10 + nut		Bolt M6x14 + nut				Bolt M6x20 + nut					
											
Bichro	Dachro	Bichro	Dachro	Bichro	Dachro	Bichro	Dachro				
MV 66 100	MV 66 200	MV 66 101	MV 66 201	MV 66 403	MV 66 203						

JOINTING PIECES					ROUTING COMPONENTS							
					Horizontal							
Straight with bolts		Pliable with bolts**	Rigid with bolts**		90° bend		Cover for 90° bend		45° bend		Lid for 45° bend	
Z 275	GAC	Z 275	Z 275	GAC	Z 275	GAC	Z 275	GAC	Z 275	GAC	Z 275	GAC
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 100	MV 42 200	MV 42 180	MV 42 280	MV 43 100	MV 43 200	MV 43 180	MV 43 280
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 101	MV 42 201	MV 42 181	MV 42 281	MV 43 101	MV 43 201	MV 43 181	MV 43 281
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 102	MV 42 202	MV 42 182	MV 42 282	MV 43 102	MV 43 202	MV 43 182	MV 43 282
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 103	MV 42 203	MV 42 183	MV 42 283	MV 43 103	MV 43 203	MV 43 183	MV 43 283
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 104	MV 42 204	MV 42 184	MV 42 284	MV 43 104	MV 43 204	MV 43 184	MV 43 284
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 105	MV 42 205	MV 42 185	MV 42 285	MV 43 105	MV 43 205	MV 43 185	MV 43 285
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 106	MV 42 206	MV 42 186	MV 42 286	MV 43 106	MV 43 206	MV 43 186	MV 43 286
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 108	MV 42 208	MV 42 188	MV 42 288	MV 43 108	MV 43 208	MV 43 188	MV 43 288
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 110	MV 42 210	MV 42 190	MV 42 290	MV 43 110	MV 43 210	MV 43 190	MV 43 290
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 111	MV 42 211	MV 42 191	MV 42 291	MV 43 111	MV 43 211	MV 43 191	MV 43 291
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 120	MV 42 220	MV 42 180	MV 42 280	MV 43 120	MV 43 220	MV 43 180	MV 43 280
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 121	MV 42 221	MV 42 181	MV 42 281	MV 43 121	MV 43 221	MV 43 181	MV 43 281
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 122	MV 42 222	MV 42 182	MV 42 282	MV 43 122	MV 43 222	MV 43 182	MV 43 282
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 123	MV 42 223	MV 42 183	MV 42 283	MV 43 123	MV 43 223	MV 43 183	MV 43 283
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 124	MV 42 224	MV 42 184	MV 42 284	MV 43 124	MV 43 224	MV 43 184	MV 43 284
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 125	MV 42 225	MV 42 185	MV 42 285	MV 43 125	MV 43 225	MV 43 185	MV 43 285
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 126	MV 42 226	MV 42 186	MV 42 286	MV 43 126	MV 43 226	MV 43 186	MV 43 286
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 128	MV 42 228	MV 42 188	MV 42 288	MV 43 128	MV 43 228	MV 43 188	MV 43 288
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 130	MV 42 230	MV 42 190	MV 42 290	MV 43 130	MV 43 230	MV 43 190	MV 43 290
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 131	MV 42 231	MV 42 191	MV 42 291	MV 43 131	MV 43 231	MV 43 191	MV 43 291
MV 41 120	MV 41 222	MV 41 130	MV 41 120	MV 41 222	MV 42 135	MV 42 235	MV 42 195	MV 42 295	MV 43 135	MV 43 235	MV 43 195	MV 43 295
MV 41 121	MV 41 223	MV 41 131	MV 41 140	MV 41 240	MV 42 141	MV 42 241	MV 42 181	MV 42 281	MV 43 141	MV 43 241	MV 43 181	MV 43 281
MV 41 121	MV 41 223	MV 41 131	MV 41 140	MV 41 240	MV 42 145	MV 42 245	MV 42 185	MV 42 285	MV 43 145	MV 43 245	MV 43 185	MV 43 285
MV 41 121	MV 41 223	MV 41 131	MV 41 140	MV 41 240	MV 42 148	MV 42 248	MV 42 188	MV 42 288	MV 43 148	MV 43 248	MV 43 188	MV 43 288
MV 41 121	MV 41 223	MV 41 131	MV 41 140	MV 41 240	MV 42 151	MV 42 251	MV 42 191	MV 42 291	MV 43 151	MV 43 251	MV 43 191	MV 43 291
MV 41 121	MV 41 223	MV 41 131	MV 41 140	MV 41 240	MV 42 155	MV 42 255	MV 42 195	MV 42 295	MV 43 155	MV 43 255	MV 43 195	MV 43 295
MV 41 121	MV 41 223	MV 41 131	MV 41 140	MV 41 240	MV 42 157	MV 42 257	MV 42 197	MV 42 297	MV 43 157	MV 43 257	MV 43 197	MV 43 297
MV 41 121	MV 41 223	MV 41 131	MV 41 140	MV 41 240	MV 42 162	MV 42 262	MV 42 182	MV 42 282	MV 43 162	MV 43 262	MV 43 182	MV 43 282
MV 41 121	MV 41 223	MV 41 131	MV 41 140	MV 41 240	MV 42 165	MV 42 265	MV 42 185	MV 42 285	MV 43 165	MV 43 265	MV 43 185	MV 43 285
MV 41 121	MV 41 223	MV 41 131	MV 41 140	MV 41 240	MV 42 168	MV 42 268	MV 42 188	MV 42 288	MV 43 168	MV 43 268	MV 43 188	MV 43 288
MV 41 121	MV 41 223	MV 41 131	MV 41 140	MV 41 240	MV 42 171	MV 42 271	MV 42 191	MV 42 291	MV 43 171	MV 43 271	MV 43 191	MV 43 291
MV 41 121	MV 41 223	MV 41 131	MV 41 140	MV 41 240	MV 42 175	MV 42 275	MV 42 195	MV 42 295	MV 43 175	MV 43 275	MV 43 195	MV 43 295
MV 41 121	MV 41 223	MV 41 131	MV 41 140	MV 41 240	MV 42 177	MV 42 277	MV 42 197	MV 42 297	MV 43 177	MV 43 277	MV 43 197	MV 43 297

** Use with MV 66 100 bolts.

ROUTING COMPONENTS

Horizontal

Dimensions	T-junction		Cover for T-junction		Horizontal cross		Cover for horizontal cross		Side output		Cover for side output	
	Z 275	GAC	Z 275	GAC	Z 275	GAC	Z 275	GAC	Z 275	GAC	Z 275	GAC
65x35	MV 46 100	MV 46 200	MV 46 180	MV 46 280	MV 47 100	MV 47 200	MV 47 180	MV 47 280	MV 49 100	MV 49 200	MV 49 180	MV 49 280
95x35	MV 46 101	MV 46 201	MV 46 181	MV 46 281	MV 47 101	MV 47 201	MV 47 181	MV 47 281	MV 49 101	MV 49 201	MV 49 181	MV 49 281
125x35	MV 46 102	MV 46 202	MV 46 182	MV 46 282	MV 47 102	MV 47 202	MV 47 182	MV 47 282	MV 49 102	MV 49 202	MV 49 182	MV 49 282
155x35	MV 46 103	MV 46 203	MV 46 183	MV 46 283	MV 47 103	MV 47 203	MV 47 183	MV 47 283	MV 49 103	MV 49 203	MV 49 183	MV 49 283
185x35	MV 46 104	MV 46 204	MV 46 184	MV 46 284	MV 47 104	MV 47 204	MV 47 184	MV 47 284	MV 49 104	MV 49 204	MV 49 184	MV 49 284
215x35	MV 46 105	MV 46 205	MV 46 185	MV 46 285	MV 47 105	MV 47 205	MV 47 185	MV 47 285	MV 49 105	MV 49 205	MV 49 185	MV 49 285
245x35	MV 46 106	MV 46 206	MV 46 186	MV 46 286	MV 47 106	MV 47 206	MV 47 186	MV 47 286	MV 49 106	MV 49 206	MV 49 186	MV 49 286
305x35	MV 46 108	MV 46 208	MV 46 188	MV 46 288	MV 47 108	MV 47 208	MV 47 188	MV 47 288	MV 49 108	MV 49 208	MV 49 188	MV 49 288
365x35	MV 46 110	MV 46 210	MV 46 190	MV 46 290	MV 47 110	MV 47 210	MV 47 190	MV 47 290	MV 49 110	MV 49 210	MV 49 190	MV 49 290
395x35	MV 46 111	MV 46 211	MV 46 191	MV 46 291	MV 47 111	MV 47 211	MV 47 191	MV 47 291	MV 49 111	MV 49 211	MV 49 191	MV 49 291
65x50	MV 46 120	MV 46 220	MV 46 180	MV 46 280	MV 47 120	MV 47 220	MV 47 180	MV 47 280	MV 49 120	MV 49 220	MV 49 180	MV 49 280
95x50	MV 46 121	MV 46 221	MV 46 181	MV 46 281	MV 47 121	MV 47 221	MV 47 181	MV 47 281	MV 49 121	MV 49 221	MV 49 181	MV 49 281
125x50	MV 46 122	MV 46 222	MV 46 182	MV 46 282	MV 47 122	MV 47 222	MV 47 182	MV 47 282	MV 49 122	MV 49 222	MV 49 182	MV 49 282
155x50	MV 46 123	MV 46 223	MV 46 183	MV 46 283	MV 47 123	MV 47 223	MV 47 183	MV 47 283	MV 49 123	MV 49 223	MV 49 183	MV 49 283
185x50	MV 46 124	MV 46 224	MV 46 184	MV 46 284	MV 47 124	MV 47 224	MV 47 184	MV 47 284	MV 49 124	MV 49 224	MV 49 184	MV 49 284
215x50	MV 46 125	MV 46 225	MV 46 185	MV 46 285	MV 47 125	MV 47 225	MV 47 185	MV 47 285	MV 49 125	MV 49 225	MV 49 185	MV 49 285
245x50	MV 46 126	MV 46 226	MV 46 186	MV 46 286	MV 47 126	MV 47 226	MV 47 186	MV 47 286	MV 49 126	MV 49 226	MV 49 186	MV 49 286
305x50	MV 46 128	MV 46 228	MV 46 188	MV 46 288	MV 47 128	MV 47 228	MV 47 188	MV 47 288	MV 49 128	MV 49 228	MV 49 188	MV 49 288
365x50	MV 46 130	MV 46 230	MV 46 190	MV 46 290	MV 47 130	MV 47 230	MV 47 190	MV 47 290	MV 49 130	MV 49 230	MV 49 190	MV 49 290
395x50	MV 46 131	MV 46 231	MV 46 191	MV 46 291	MV 47 131	MV 47 231	MV 47 191	MV 47 291	MV 49 131	MV 49 231	MV 49 191	MV 49 291
515x50	MV 46 135	MV 46 235	MV 46 195	MV 46 295	MV 47 135	MV 47 235	MV 47 195	MV 47 295	MV 49 135	MV 49 235	MV 49 195	MV 49 295
95x65	MV 46 141	MV 46 241	MV 46 181	MV 46 281	MV 47 141	MV 47 241	MV 47 181	MV 47 281	MV 49 141	MV 49 241	MV 49 181	MV 49 281
215x65	MV 46 145	MV 46 245	MV 46 185	MV 46 285	MV 47 145	MV 47 245	MV 47 185	MV 47 285	MV 49 145	MV 49 245	MV 49 185	MV 49 285
305x65	MV 46 148	MV 46 248	MV 46 188	MV 46 288	MV 47 148	MV 47 248	MV 47 188	MV 47 288	MV 49 148	MV 49 248	MV 49 188	MV 49 288
395x65	MV 46 151	MV 46 251	MV 46 191	MV 46 291	MV 47 151	MV 47 251	MV 47 191	MV 47 291	MV 49 151	MV 49 251	MV 49 191	MV 49 291
515x65	MV 46 155	MV 46 255	MV 46 195	MV 46 295	MV 47 155	MV 47 255	MV 47 195	MV 47 295	MV 49 155	MV 49 255	MV 49 195	MV 49 295
605x65	MV 46 157	MV 46 257	MV 46 197	MV 46 297	MV 47 157	MV 47 257	MV 47 197	MV 47 297	MV 49 157	MV 49 257	MV 49 197	MV 49 297
125x80	MV 46 162	MV 46 262	MV 46 182	MV 46 282	MV 47 162	MV 47 262	MV 47 182	MV 47 282	MV 49 162	MV 49 262	MV 49 182	MV 49 282
215x80	MV 46 165	MV 46 265	MV 46 185	MV 46 285	MV 47 165	MV 47 265	MV 47 185	MV 47 285	MV 49 165	MV 49 265	MV 49 185	MV 49 285
305x80	MV 46 168	MV 46 268	MV 46 188	MV 46 288	MV 47 168	MV 47 268	MV 47 188	MV 47 288	MV 49 168	MV 49 268	MV 49 188	MV 49 288
395x80	MV 46 171	MV 46 271	MV 46 191	MV 46 291	MV 47 171	MV 47 271	MV 47 191	MV 47 291	MV 49 171	MV 49 271	MV 49 191	MV 49 291
515x80	MV 46 175	MV 46 275	MV 46 195	MV 46 295	MV 47 175	MV 47 275	MV 47 195	MV 47 295	MV 49 175	MV 49 275	MV 49 195	MV 49 295
605x80	MV 46 177	MV 46 277	MV 46 197	MV 46 297	MV 47 177	MV 47 277	MV 47 197	MV 47 297	MV 49 177	MV 49 277	MV 49 197	MV 49 297

** Use with MV 66 100 bolts.

ROUTING COMPONENTS

Vertical

Upward bend



Cover for upward bend



Downward bend



Cover for downward bend



Upward bend		Cover for upward bend		Downward bend		Cover for downward bend	
Z 275	GAC	Z 275	GAC	Z 275	GAC	Z 275	GAC
MV 44 100	MV 44 200	MV 44 180	MV 44 280	MV 45 100	MV 45 200	MV 45 180	MV 45 280
MV 44 101	MV 44 201	MV 44 181	MV 44 281	MV 45 101	MV 45 201	MV 45 181	MV 45 281
MV 44 102	MV 44 202	MV 44 182	MV 44 282	MV 45 102	MV 45 202	MV 45 182	MV 45 282
MV 44 103	MV 44 203	MV 44 183	MV 44 283	MV 45 103	MV 45 203	MV 45 183	MV 45 283
MV 44 104	MV 44 204	MV 44 184	MV 44 284	MV 45 104	MV 45 204	MV 45 184	MV 45 284
MV 44 105	MV 44 205	MV 44 185	MV 44 285	MV 45 105	MV 45 205	MV 45 185	MV 45 285
MV 44 106	MV 44 206	MV 44 186	MV 44 286	MV 45 106	MV 45 206	MV 45 186	MV 45 286
MV 44 108	MV 44 208	MV 44 188	MV 44 288	MV 45 108	MV 45 208	MV 45 188	MV 45 288
MV 44 110	MV 44 210	MV 44 190	MV 44 290	MV 45 110	MV 45 210	MV 45 190	MV 45 290
MV 44 111	MV 44 211	MV 44 191	MV 44 291	MV 45 111	MV 45 211	MV 45 191	MV 45 291
MV 44 120	MV 44 220	MV 44 180	MV 44 280	MV 45 120	MV 45 220	MV 45 180	MV 45 280
MV 44 121	MV 44 221	MV 44 181	MV 44 281	MV 45 121	MV 45 221	MV 45 181	MV 45 281
MV 44 122	MV 44 222	MV 44 182	MV 44 282	MV 45 122	MV 45 222	MV 45 182	MV 45 282
MV 44 123	MV 44 223	MV 44 183	MV 44 283	MV 45 123	MV 45 223	MV 45 183	MV 45 283
MV 44 124	MV 44 224	MV 44 184	MV 44 284	MV 45 124	MV 45 224	MV 45 184	MV 45 284
MV 44 125	MV 44 225	MV 44 185	MV 44 285	MV 45 125	MV 45 225	MV 45 185	MV 45 285
MV 44 126	MV 44 226	MV 44 186	MV 44 286	MV 45 126	MV 45 226	MV 45 186	MV 45 286
MV 44 128	MV 44 228	MV 44 188	MV 44 288	MV 45 128	MV 45 228	MV 45 188	MV 45 288
MV 44 130	MV 44 230	MV 44 190	MV 44 290	MV 45 130	MV 45 230	MV 45 190	MV 45 290
MV 44 131	MV 44 231	MV 44 191	MV 44 291	MV 45 131	MV 45 231	MV 45 191	MV 45 291
MV 44 135	MV 44 235	MV 44 195	MV 44 295	MV 45 135	MV 45 235	MV 45 195	MV 45 295
MV 44 141	MV 44 241	MV 44 181	MV 44 281	MV 45 141	MV 45 241	MV 45 181	MV 45 281
MV 44 145	MV 44 245	MV 44 185	MV 44 285	MV 45 145	MV 45 245	MV 45 185	MV 45 285
MV 44 148	MV 44 248	MV 44 188	MV 44 288	MV 45 148	MV 45 248	MV 45 188	MV 45 288
MV 44 151	MV 44 251	MV 44 191	MV 44 291	MV 45 151	MV 45 251	MV 45 191	MV 45 291
MV 44 155	MV 44 255	MV 44 195	MV 44 295	MV 45 155	MV 45 255	MV 45 195	MV 45 295
MV 44 157	MV 44 257	MV 44 197	MV 44 297	MV 45 157	MV 45 257	MV 45 197	MV 45 297
MV 44 162	MV 44 262	MV 44 182	MV 44 282	MV 45 162	MV 45 262	MV 45 182	MV 45 282
MV 44 165	MV 44 265	MV 44 185	MV 44 285	MV 45 165	MV 45 265	MV 45 185	MV 45 285
MV 44 168	MV 44 268	MV 44 188	MV 44 288	MV 45 168	MV 45 268	MV 45 188	MV 45 288
MV 44 171	MV 44 271	MV 44 191	MV 44 291	MV 45 171	MV 45 271	MV 45 191	MV 45 291
MV 44 175	MV 44 275	MV 44 195	MV 44 295	MV 45 175	MV 45 275	MV 45 195	MV 45 295
MV 44 177	MV 44 277	MV 44 197	MV 44 297	MV 45 177	MV 45 277	MV 45 197	MV 45 297

BRN RANGE

CABLE TRAYS IN GALVANIZED STEEL

CABLE TRAYS WITH CROSS RIBS

BRN 35 CABLE TRAYS

MV40100



CABLE TRAYS WITH TRANSVERSE RIBBING IN GALVANIZED STEEL - LENGTH: 3 METRES		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 40 100	65	30
MV 40 101	95	30
MV 40 102	125	30
MV 40 103	155	18
MV 40 104	185	18
MV 40 105	215	12
MV 40 106	245	12
MV 40 108	305	6
MV 40 110	365	6
MV 40 111	395	6
FINISHING: GAC		
MV 40 200	65	30
MV 40 201	95	30
MV 40 202	125	30
MV 40 203	155	18
MV 40 204	185	18
MV 40 205	215	12
MV 40 206	245	12
MV 40 208	305	6
MV 40 210	365	6
MV 40 211	395	6

BRN 50 CABLE TRAYS

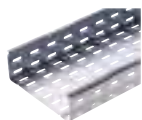
MV40120



CABLE TRAYS WITH TRANSVERSE RIBBING IN GALVANIZED STEEL - LENGTH: 3 METRES		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 40 120	65	24
MV 40 121	95	24
MV 40 122	125	18
MV 40 123	155	12
MV 40 124	185	12
MV 40 125	215	12
MV 40 126	245	12
MV 40 128	305	6
MV 40 130	365	6
MV 40 131	395	6
MV 40 135	515	6
FINISHING: GAC		
MV 40 220	65	24
MV 40 221	95	24
MV 40 222	125	18
MV 40 223	155	12
MV 40 224	185	12
MV 40 225	215	12
MV 40 226	245	12
MV 40 228	305	6
MV 40 230	365	6
MV 40 231	395	6
MV 40 235	515	6

BRN 65 CABLE TRAYS

MV40141

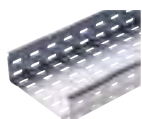


CABLE TRAYS WITH TRANSVERSE RIBBING IN GALVANIZED STEEL - LENGTH: 3 METRES

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 40 141	95	24
MV 40 145	215	12
MV 40 148	305	6
MV 40 151	395	6
MV 40 155	515	6
MV 40 157	605	6
FINISHING: GAC		
MV 40 241	95	24
MV 40 245	215	12
MV 40 248	305	6
MV 40 251	395	6
MV 40 255	515	6
MV 40 257	605	6

BRN 80 CABLE TRAYS

MV40162



CABLE TRAYS WITH TRANSVERSE RIBBING IN GALVANIZED STEEL - LENGTH: 3 METRES

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 40 162	125	18
MV 40 165	215	12
MV 40 168	305	6
MV 40 171	395	6
MV 40 175	515	6
MV 40 177	605	6
FINISHING: GAC		
MV 40 262	125	18
MV 40 265	215	12
MV 40 268	305	6
MV 40 271	395	6
MV 40 275	515	6
MV 40 277	605	6

FINISHING ACCESSORIES

MV40180



COVER FOR BRN 35-50-65-80 - STANDARD LENGTH: 2 METRES

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 40 180	65	20
MV 40 181	95	20
MV 40 182	125	20
MV 40 183	155	20
MV 40 184	185	20
MV 40 185	215	20
MV 40 186	245	16
MV 40 188	305	12
MV 40 190	365	8
MV 40 191	395	8
MV 40 195	515	8
MV 40 197	605	8
FINISHING: GAC		
MV 40 280	65	20
MV 40 281	95	20
MV 40 282	125	20
MV 40 283	155	20
MV 40 284	185	20
MV 40 285	215	20
MV 40 286	245	16
MV 40 288	305	12
MV 40 290	365	8
MV 40 291	395	8
MV 40 295	515	8
MV 40 297	605	8

MV41602



CLIP FOR VERTICAL OR RIB ASSEMBLY FOR BRN COVERS

Code	Description	For BRN trays	Pack. Carton.
FINISHING: STAINLESS STEEL			
MV 41 601	Clip for cover	35	10
MV 41 602	Clip for cover	50-80	10
MV 41 603	Clip for cover	65	10

MV48151



STAFF BEAD FOR BRN BASES

Code	Description	Type	Width (mm)	Pack. Carton.
FINISHING: Z 275				
MV 48 151	Reinf. joint for base BRN	BRN 35-50-65-80	395	100
MV 48 155	Reinf. joint for base BRN	BRN 65-80	515	100
MV 48 157	Reinf. joint for base BRN	BRN 65-80	605	100



DIVIDER FOR BRN CABLE TRAYS - LENGTH: 3 METRES

Code	Description	For BRN trays	Pack. Carton.
FINISHING: Z 275			
MV 65 110	Separator	35	15
MV 65 111	Separator	50	15
MV 65 112	Separator	65	15
MV 65 113	Separator	80	15
FINISHING: GAC			
MV 65 210	Separator	35	15
MV 65 211	Separator	50	15
MV 65 212	Separator	65	5
MV 65 213	Separator	80	15

NOTES: the divider can be used starting from length 155 (BRN 35+ 50 range with M 6x14 bolts).
For the BRN 65 and BRN 80 ranges, request the specifications.

①=May 2010

②=June 2010

③=September 2010

INSTALLATION ACCESSORIES

JOINTING PIECES

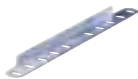
MV41111



SPEED-LOCK COUPLER (BOLTLESS)

Code	Type	Pack. Carton.
FINISHING: Z 275		
MV 41 110	BRN 35	100
MV 41 111	BRN 50	80
FINISHING: GAC		
MV 41 212	BRN 35	100
MV 41 213	BRN 50	80

MV41120



HINGED/STRAIGHT JOINTING PIECE

Code	Description	Type	Pack. Carton.
FINISHING: Z 275			
MV 41 120	Rigid/Hinged coupler	BRN 35-50	100
MV 41 140	Hinged coupler	BRN 65-80	100
MV 41 121	Vertical hinged coupler	BRN 65-80	100
FINISHING: GAC			
MV 41 222	Rigid/Hinged coupler	BRN 35-50	100
MV 41 240	Hinged coupler	BRN 65-80 lenght 275	100
MV 41 223	Vertical hinged coupler	BRN 65-80	100

NOTE: use 4 bolts (M6x10) for joints BRN 35 and BRN 50
Use 8 bolts (4 M 6x10 bolts on the upper side and 4 M 6x14 bolts on the lower side) for joints BRN 65 and BRN 80

MV41130



PLIABLE JOINTING PIECE FOR HORIZONTAL JUNCTIONS

Code	Type	Pack. Carton.
FINISHING: Z 275		
MV 41 130	BRN 35-50	200
MV 41 131	BRN 65-80	100

MV66100



BOLTS

Code	Description	Dimension	Accessories supplied	Pack. Carton.
FINISHING: BICHRO				
MV 66 100	Bolt + nut	M6x10	Flanged nut	100
MV 66 101	Bolt + nut	M6x14	Flanged nut	100
MV 66 403	Bolt + nut	M6x20	Flanged nut	100
FINISHING: DACRO				
MV 66 201	Bolt + nut	M6x14	Flanged nut	100
MV 66 200	Bolt + nut	M6x10	Flanged nut	100
MV 66 203	Bolt + nut	M6x20	Flanged nut	100

ROUTING COMPONENTS

90° HORIZONTAL ELBOWS

MV42100



BRN 35 90° BEND		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 42 100	65	2
MV 42 101	95	2
MV 42 102	125	2
MV 42 103	155	2
MV 42 104	185	2
MV 42 105	215	2
MV 42 106	245	2
MV 42 108	305	2
MV 42 110	365	2
MV 42 111	395	2
FINISHING: GAC		
MV 42 200	65	2
MV 42 201	95	2
MV 42 202	125	2
MV 42 203	155	2
MV 42 204	185	2
MV 42 205	215	2
MV 42 206	245	2
MV 42 208	305	2
MV 42 210	365	2
MV 42 211	395	2

MV42120



BRN 50 90° BEND		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 42 120	65	2
MV 42 121	95	2
MV 42 122	125	2
MV 42 123	155	2
MV 42 124	185	2
MV 42 125	215	2
MV 42 126	245	2
MV 42 128	305	2
MV 42 130	365	2
MV 42 131	395	2
MV 42 135	515	2
FINISHING: GAC		
MV 42 220	65	2
MV 42 221	95	2
MV 42 222	125	2
MV 42 223	155	2
MV 42 224	185	2
MV 42 225	215	2
MV 42 226	245	2
MV 42 228	305	2
MV 42 230	365	2
MV 42 231	395	2
MV 42 235	515	2

MV42141



BRN 65 90° BEND		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 42 141	95	2
MV 42 145	215	2
MV 42 148	305	2
MV 42 151	395	2
MV 42 155	515	2
MV 42 157	605	2
FINISHING: GAC		
MV 42 241	95	2
MV 42 245	215	2
MV 42 248	305	2
MV 42 251	395	2
MV 42 255	515	2
MV 42 257	605	2

MV42162



BRN 80 90° BEND		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 42 162	125	2
MV 42 165	215	2
MV 42 168	305	2
MV 42 171	395	2
MV 42 175	515	2
MV 42 177	605	2
FINISHING: GAC		
MV 42 262	125	2
MV 42 265	215	2
MV 42 268	305	2
MV 42 271	395	2
MV 42 275	515	2
MV 42 277	605	2

MV42180



COVER FOR BRN 90° BEND		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 42 180	65	2
MV 42 181	95	2
MV 42 182	125	2
MV 42 183	155	2
MV 42 184	185	2
MV 42 185	215	2
MV 42 186	245	2
MV 42 188	305	2
MV 42 190	365	2
MV 42 191	395	2
MV 42 195	515	2
MV 42 197	605	2
FINISHING: GAC		
MV 42 280	65	2
MV 42 281	95	2
MV 42 282	125	2
MV 42 283	155	2
MV 42 284	185	2
MV 42 285	215	2
MV 42 286	245	2
MV 42 288	305	2
MV 42 290	365	2
MV 42 291	395	2
MV 42 295	515	2
MV 42 297	605	2

45° HORIZONTAL ELBOWS

MV43100



BRN 35 45° BEND		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 43 100	65	2
MV 43 101	95	2
MV 43 102	125	2
MV 43 103	155	2
MV 43 104	185	2
MV 43 105	215	2
MV 43 106	245	2
MV 43 108	305	2
MV 43 110	365	2
MV 43 111	395	2
FINISHING: GAC		
MV 43 200	65	2
MV 43 201	95	2
MV 43 202	125	2
MV 43 203	155	2
MV 43 204	185	2
MV 43 205	215	2
MV 43 206	245	2
MV 43 208	305	2
MV 43 210	365	2
MV 43 211	395	2

MV43120



BRN 50 45° BEND		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 43 120	65	2
MV 43 121	95	2
MV 43 122	125	2
MV 43 123	155	2
MV 43 124	185	2
MV 43 125	215	2
MV 43 126	245	2
MV 43 128	305	2
MV 43 130	365	2
MV 43 131	395	2
MV 43 135	515	2
FINISHING: GAC		
MV 43 220	65	2
MV 43 221	65	2
MV 43 222	125	2
MV 43 223	155	2
MV 43 224	185	2
MV 43 225	215	2
MV 43 226	245	2
MV 43 228	305	2
MV 43 230	365	2
MV 43 231	395	2
MV 43 235	515	2

MV43141



BRN 65 45° BEND		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 43 141	95	2
MV 43 145	215	2
MV 43 148	305	2
MV 43 151	395	2
MV 43 155	515	2
MV 43 157	605	2
FINISHING: GAC		
MV 43 241	95	2
MV 43 245	215	2
MV 43 248	305	2
MV 43 251	395	2
MV 43 255	515	2
MV 43 257	605	2

MV43162



BRN 80 45° BEND		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 43 162	125	2
MV 43 165	215	2
MV 43 168	305	2
MV 43 171	395	2
MV 43 175	515	2
MV 43 177	605	2
FINISHING: GAC		
MV 43 262	125	2
MV 43 265	215	2
MV 43 268	305	2
MV 43 271	395	2
MV 43 275	515	2
MV 43 277	605	2

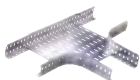
MV43180



COVER FOR BRN 45° BEND		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 43 180	65	2
MV 43 181	95	2
MV 43 182	125	2
MV 43 183	155	2
MV 43 184	185	2
MV 43 185	215	2
MV 43 186	245	2
MV 43 188	305	2
MV 43 190	365	2
MV 43 191	395	2
MV 43 195	515	2
MV 43 197	605	2
FINISHING: GAC		
MV 43 280	65	2
MV 43 281	95	2
MV 43 282	125	2
MV 43 283	155	2
MV 43 284	185	2
MV 43 285	215	2
MV 43 286	245	2
MV 43 288	305	2
MV 43 290	365	2
MV 43 291	395	2
MV 43 295	515	2
MV 43 297	605	2

HORIZONTAL T JUNCTION

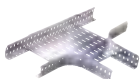
MV46105



BRN 35 T JUNCTION

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 46 100	65	2
MV 46 101	95	2
MV 46 102	125	2
MV 46 103	155	2
MV 46 104	185	2
MV 46 105	215	2
MV 46 106	245	2
MV 46 108	305	2
MV 46 110	365	2
MV 46 111	395	2
FINISHING: GAC		
MV 46 200	65	2
MV 46 201	95	2
MV 46 202	125	2
MV 46 203	155	2
MV 46 204	185	2
MV 46 205	215	2
MV 46 206	245	2
MV 46 208	305	2
MV 46 210	365	2
MV 46 211	395	2

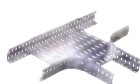
MV46120



BRN 50 T JUNCTION

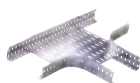
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 46 120	65	2
MV 46 121	95	2
MV 46 122	125	2
MV 46 123	155	2
MV 46 124	185	2
MV 46 125	215	2
MV 46 126	245	2
MV 46 128	305	2
MV 46 130	365	2
MV 46 131	395	2
MV 46 135	515	2
FINISHING: GAC		
MV 46 220	65	2
MV 46 221	95	2
MV 46 222	125	2
MV 46 223	155	2
MV 46 224	185	2
MV 46 225	215	2
MV 46 226	245	2
MV 46 228	305	2
MV 46 230	365	2
MV 46 231	395	2
MV 46 235	515	2

MV46141



BRN 65 T JUNCTION		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 46 141	95	2
MV 46 145	215	2
MV 46 148	305	2
MV 46 151	395	2
MV 46 155	515	2
MV 46 157	605	2
FINISHING: GAC		
MV 46 241	95	2
MV 46 245	215	2
MV 46 248	305	2
MV 46 251	395	2
MV 46 255	515	2
MV 46 257	605	2

MV46162



BRN 80 T JUNCTION		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 46 162	125	2
MV 46 165	215	2
MV 46 168	305	2
MV 46 171	395	2
MV 46 175	515	2
MV 46 177	605	2
FINISHING: GAC		
MV 46 262	125	2
MV 46 265	215	2
MV 46 268	305	2
MV 46 271	395	2
MV 46 275	515	2
MV 46 277	605	2

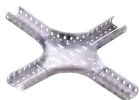
MV46180



COVER FOR BRN T JUNCTION		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 46 180	65	2
MV 46 181	95	2
MV 46 182	125	2
MV 46 183	155	2
MV 46 184	185	2
MV 46 185	215	2
MV 46 186	245	2
MV 46 188	305	2
MV 46 190	365	2
MV 46 191	395	2
MV 46 195	515	2
MV 46 197	605	2
FINISHING: GAC		
MV 46 280	65	2
MV 46 281	95	2
MV 46 282	125	2
MV 46 283	155	2
MV 46 284	185	2
MV 46 285	215	2
MV 46 286	245	2
MV 46 288	305	2
MV 46 290	365	2
MV 46 291	395	2
MV 46 295	515	2
MV 46 297	605	2

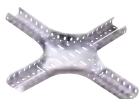
HORIZONTAL CROSS JUNCTIONS

MV47100



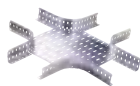
BRN 35 CROSS		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 47 100	65	2
MV 47 101	95	2
MV 47 102	125	2
MV 47 103	155	2
MV 47 104	185	2
MV 47 105	215	2
MV 47 106	245	2
MV 47 108	305	2
MV 47 110	365	2
MV 47 111	395	2
FINISHING: GAC		
MV 47 200	65	2
MV 47 201	95	2
MV 47 202	125	2
MV 47 203	155	2
MV 47 204	185	2
MV 47 205	215	2
MV 47 206	245	2
MV 47 208	305	2
MV 47 210	365	2
MV 47 211	395	2

MV47120



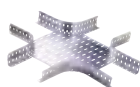
BRN 50 CROSS		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 47 120	65	2
MV 47 121	95	2
MV 47 122	125	2
MV 47 123	155	2
MV 47 124	185	2
MV 47 125	215	2
MV 47 126	245	2
MV 47 128	305	2
MV 47 130	365	2
MV 47 131	395	2
MV 47 135	515	2
FINISHING: GAC		
MV 47 220	65	2
MV 47 221	95	2
MV 47 222	125	2
MV 47 223	155	2
MV 47 224	185	2
MV 47 225	215	2
MV 47 226	245	2
MV 47 228	305	2
MV 47 230	365	2
MV 47 231	395	2
MV 47 235	515	2

MV47141

**BRN 65 CROSS**

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 47 141	95	2
MV 47 145	215	2
MV 47 148	305	2
MV 47 151	395	2
MV 47 155	515	2
MV 47 157	605	2
FINISHING: GAC		
MV 47 241	95	2
MV 47 245	215	2
MV 47 248	305	2
MV 47 251	395	2
MV 47 255	515	2
MV 47 257	605	2

MV47162

**BRN 80 CROSS**

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 47 162	125	2
MV 47 165	215	2
MV 47 168	305	2
MV 47 171	395	2
MV 47 175	515	2
MV 47 177	605	2
FINISHING: GAC		
MV 47 262	125	2
MV 47 265	215	2
MV 47 268	305	2
MV 47 271	395	2
MV 47 275	515	2
MV 47 277	605	2

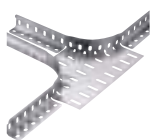
MV47180

**COVER FOR BRN CROSS**

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 47 180	65	2
MV 47 181	95	2
MV 47 182	125	2
MV 47 183	155	2
MV 47 184	185	2
MV 47 185	215	2
MV 47 186	245	2
MV 47 188	305	2
MV 47 190	365	2
MV 47 191	395	2
MV 47 195	515	2
MV 47 197	605	2
FINISHING: GAC		
MV 47 280	65	2
MV 47 281	95	2
MV 47 282	125	2
MV 47 283	155	2
MV 47 284	185	2
MV 47 285	215	2
MV 47 286	245	2
MV 47 288	305	2
MV 47 290	365	2
MV 47 291	395	2
MV 47 295	515	2
MV 47 297	605	2

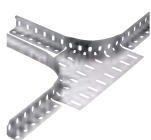
TEE BRANCHES

MV49100



BRN 35 TEE BRANCH

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 49 100	65	2
MV 49 101	95	2
MV 49 102	125	2
MV 49 103	155	2
MV 49 104	185	2
MV 49 105	215	2
MV 49 106	245	2
MV 49 108	305	2
MV 49 110	365	2
MV 49 111	395	2
FINISHING: GAC		
MV 49 200	65	2
MV 49 201	95	2
MV 49 202	125	2
MV 49 203	155	2
MV 49 204	185	2
MV 49 205	215	2
MV 49 206	245	2
MV 49 208	305	2
MV 49 210	365	2
MV 49 211	395	2



BRN 50 TEE BRANCH

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 49 120	65	2
MV 49 121	95	2
MV 49 122	125	2
MV 49 123	155	2
MV 49 124	185	2
MV 49 125	215	4
MV 49 126	245	2
MV 49 128	305	2
MV 49 130	365	2
MV 49 131	395	2
MV 49 135	515	2
FINISHING: GAC		
MV 49 220	65	2
MV 49 221	95	2
MV 49 222	125	2
MV 49 223	155	2
MV 49 224	185	2
MV 49 225	215	2
MV 49 226	245	2
MV 49 228	305	2
MV 49 230	365	2
MV 49 231	395	2
MV 49 235	515	2

MV49141



BRN 65 TEE BRANCH

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 49 141	95	2
MV 49 145	215	2
MV 49 148	305	2
MV 49 151	395	2
MV 49 155	515	2
MV 49 157	605	2
FINISHING: GAC		
MV 49 241	95	2
MV 49 245	215	2
MV 49 248	305	2
MV 49 251	395	2
MV 49 255	515	2
MV 49 257	605	2

MV49162



BRN 80 TEE BRANCH

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 49 162	125	2
MV 49 165	215	2
MV 49 168	305	2
MV 49 171	395	2
MV 49 175	515	2
MV 49 177	605	2
FINISHING: GAC		
MV 49 262	125	2
MV 49 265	215	2
MV 49 268	305	2
MV 49 271	395	2
MV 49 275	515	2
MV 49 277	605	2

MV49180



COVER FOR BRN TEE BRANCHES

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 49 180	65	2
MV 49 181	95	2
MV 49 182	125	2
MV 49 183	155	2
MV 49 184	185	2
MV 49 185	215	2
MV 49 186	245	2
MV 49 188	305	2
MV 49 190	365	2
MV 49 191	395	2
MV 49 195	515	2
MV 49 197	605	2
FINISHING: GAC		
MV 49 280	65	2
MV 49 281	95	2
MV 49 282	125	2
MV 49 283	155	2
MV 49 284	185	2
MV 49 285	215	2
MV 49 286	245	2
MV 49 288	305	2
MV 49 290	365	2
MV 49 291	395	2
MV 49 295	515	2
MV 49 297	605	2

UPWARD CURVE

MV44100



BRN 35 UPWARD CURVE

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 44 100	65	2
MV 44 101	95	2
MV 44 102	125	2
MV 44 103	155	2
MV 44 104	185	2
MV 44 105	215	2
MV 44 106	245	2
MV 44 108	305	2
MV 44 110	365	2
MV 44 111	395	2
FINISHING: GAC		
MV 44 200	65	2
MV 44 201	95	2
MV 44 202	125	2
MV 44 203	155	2
MV 44 204	185	2
MV 44 205	215	2
MV 44 206	245	2
MV 44 208	305	2
MV 44 210	365	2
MV 44 211	395	2

MV44120



BRN 50 UPWARD CURVE

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 44 120	65	2
MV 44 121	95	2
MV 44 122	125	2
MV 44 123	155	2
MV 44 124	185	2
MV 44 125	215	2
MV 44 126	245	2
MV 44 128	305	2
MV 44 130	365	2
MV 44 131	395	2
MV 44 135	515	2
FINISHING: GAC		
MV 44 220	65	2
MV 44 221	95	2
MV 44 222	125	2
MV 44 223	155	2
MV 44 224	185	2
MV 44 225	215	2
MV 44 226	245	2
MV 44 228	305	2
MV 44 230	365	2
MV 44 231	395	2
MV 44 235	515	2

MV44141



BRN 65 UPWARD CURVE		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 44 141	95	2
MV 44 145	215	2
MV 44 148	305	2
MV 44 151	395	2
MV 44 155	515	2
MV 44 157	605	2
FINISHING: GAC		
MV 44 241	95	2
MV 44 245	215	2
MV 44 248	305	2
MV 44 251	395	2
MV 44 255	515	2
MV 44 257	605	2

MV44162



BRN 80 UPWARD CURVE		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 44 162	125	2
MV 44 165	215	2
MV 44 168	305	2
MV 44 171	395	2
MV 44 175	515	2
MV 44 177	605	2
FINISHING: GAC		
MV 44 262	125	2
MV 44 265	215	2
MV 44 268	305	2
MV 44 271	395	2
MV 44 275	515	2
MV 44 277	605	2

MV44180



COVER FOR BRN UPWARD CURVE		
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 44 180	65	2
MV 44 181	95	2
MV 44 182	125	2
MV 44 183	155	2
MV 44 184	185	2
MV 44 185	215	2
MV 44 186	245	2
MV 44 188	305	2
MV 44 190	365	2
MV 44 191	395	2
MV 44 195	515	2
MV 44 197	605	2
FINISHING: GAC		
MV 44 280	65	2
MV 44 281	95	2
MV 44 282	125	2
MV 44 283	155	2
MV 44 284	185	2
MV 44 285	215	2
MV 44 286	245	2
MV 44 288	305	2
MV 44 290	365	2
MV 44 291	395	2
MV 44 295	515	2
MV 44 297	605	2

DOWNWARD CURVE

MV45100



BRN 35 DOWNWARD CURVE

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 45 100	65	2
MV 45 101	95	2
MV 45 102	125	2
MV 45 103	155	2
MV 45 104	185	2
MV 45 105	215	2
MV 45 106	245	2
MV 45 108	305	2
MV 45 110	365	2
MV 45 111	395	2
FINISHING: GAC		
MV 45 200	65	2
MV 45 201	95	2
MV 45 202	125	2
MV 45 203	155	2
MV 45 204	185	2
MV 45 205	215	2
MV 45 206	245	2
MV 45 208	305	2
MV 45 210	365	2
MV 45 211	395	2

MV45120



BRN 50 DOWNWARD CURVE

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 45 120	65	2
MV 45 121	95	2
MV 45 122	125	2
MV 45 123	155	2
MV 45 124	185	2
MV 45 125	215	2
MV 45 126	245	2
MV 45 128	305	2
MV 45 130	365	2
MV 45 131	395	2
MV 45 135	515	2
FINISHING: GAC		
MV 45 220	65	2
MV 45 221	95	2
MV 45 222	125	2
MV 45 223	155	2
MV 45 224	185	2
MV 45 225	215	2
MV 45 226	245	2
MV 45 228	305	2
MV 45 230	365	2
MV 45 231	395	2
MV 45 235	515	2

MV45141

**BRN 65 DOWNWARD CURVE**

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 45 141	95	2
MV 45 145	215	2
MV 45 148	305	2
MV 45 151	395	2
MV 45 155	515	2
MV 45 157	605	2
FINISHING: GAC		
MV 45 241	95	2
MV 45 245	215	2
MV 45 248	305	2
MV 45 251	395	2
MV 45 255	515	2
MV 45 257	605	2

MV45162

**BRN 80 DOWNWARD CURVE**

Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 45 162	125	2
MV 45 165	215	2
MV 45 168	305	2
MV 45 171	395	2
MV 45 175	515	2
MV 45 177	605	2
FINISHING: GAC		
MV 45 262	125	2
MV 45 265	215	2
MV 45 268	305	2
MV 45 271	395	2
MV 45 275	515	2
MV 45 277	605	2

MV45180

**COVER FOR BRN DOWNWARD CURVE**

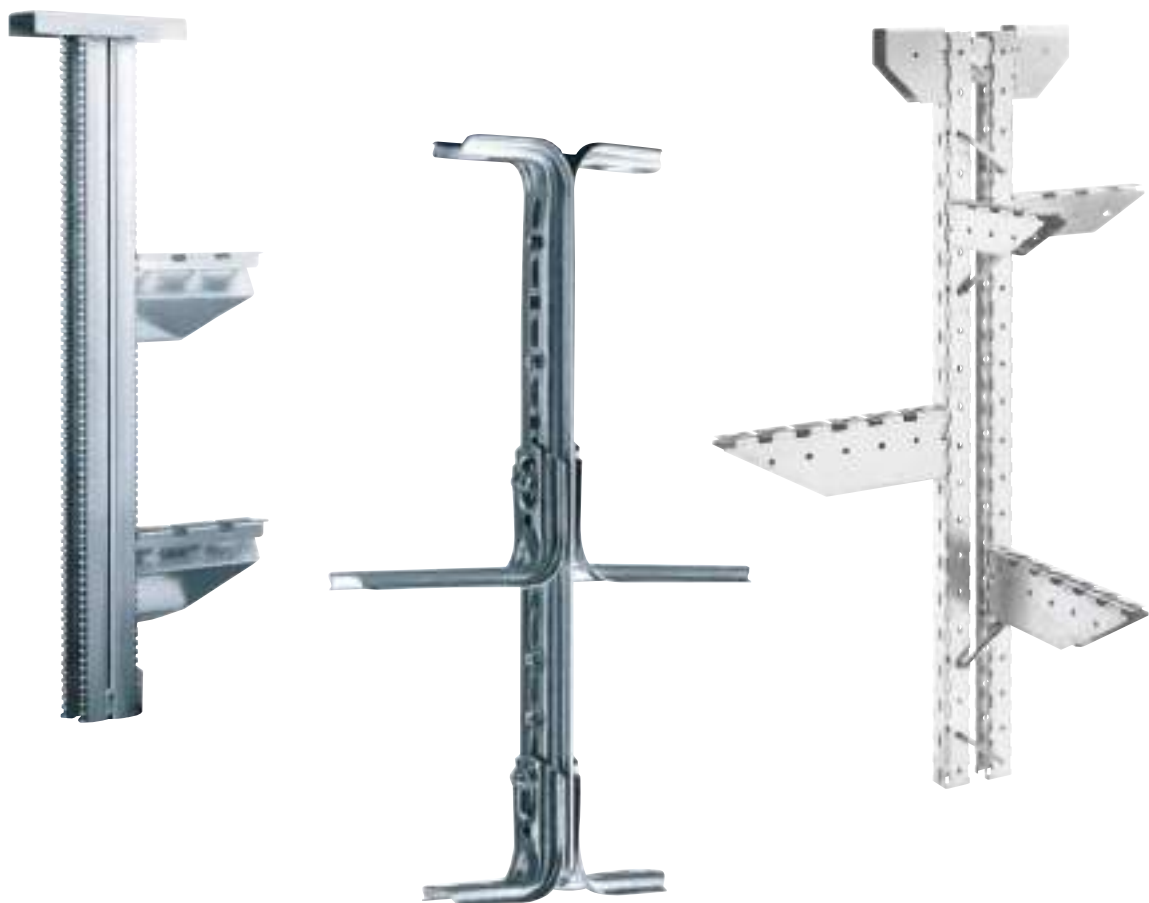
Code	Width (mm)	Pack. Carton.
FINISHING: Z 275		
MV 45 180	65	2
MV 45 181	95	2
MV 45 182	125	2
MV 45 183	155	2
MV 45 184	185	2
MV 45 185	215	2
MV 45 186	245	2
MV 45 188	305	2
MV 45 190	365	2
MV 45 191	395	2
MV 45 195	515	2
MV 45 197	605	2
FINISHING: GAC		
MV 45 280	65	2
MV 45 281	95	2
MV 45 282	125	2
MV 45 283	155	2
MV 45 284	185	2
MV 45 285	215	2
MV 45 286	245	2
MV 45 288	305	2
MV 45 290	365	2
MV 45 291	395	2
MV 45 295	515	2
MV 45 297	605	2

SP range

Cable trays support system

Metal supports for cable trays. Three families of metal cable tray supports to meet all load requirements.

- 3 surface finishes to be adapted to all installation environments.
- Quick installation with the use of supports free of screws and bolts.
- System flexibility thanks to variable inclination flanges and brackets.



SYSTEM FOR LIGHT LOADS													
	OMEGA RANGE					"C" OMEGA-TYPE RANGE							
	Description	Length (mm)	Z 275	GAC	Stainless steel	Description	Height (mm)	Length (mm)	Z 275	GAC	Stainless steel		
CEILING UPRIGHT WITH COUPLING	OMEGA-type support	410	MV 62 100	MV 62 200	MV 62 600	SOLE COMPONENT (COUPLING + UPRIGHT + BRACKET)	"C" OMEGA-type range	115	95	MV 62 110	MV 62 210	MV 62 610	
		510	MV 62 101	MV 62 201	MV 62 601				195	MV 62 111	MV 62 211	MV 62 611	
		610	MV 62 102	MV 62 202	MV 62 602				265	MV 62 112	MV 62 212	MV 62 612	
BRACKETS	OMEGA-type surface-mounting bracket	110	MV 60 100	MV 60 200	MV 60 600				215	95	MV 62 113	MV 62 213	MV 62 613
		210	MV 60 101	MV 60 201	MV 60 601					195	MV 62 114	MV 62 214	MV 62 614
		310	MV 60 102	MV 60 202	MV 60 612					265	MV 62 115	MV 62 215	MV 62 615
		410	MV 60 113	MV 60 213	MV 60 613			265		95	MV 62 116	MV 62 216	MV 62 616
		510	MV 60 114	MV 60 214	MV 60 614					195	MV 62 117	MV 62 217	MV 62 617
		610	MV 60 115	MV 60 215	MV 60 615					265	MV 62 118	MV 62 218	MV 62 618
ACCESSORIES	(1)"FILMATIC" BFR fixing clip		MV 51 100		MV 51 600								
	OMEGA support/bracket fixing plate	BICHRO	MV 64 401										
	OMEGA-type spacer on Mavistrut notched runners		MV 64 105										
	TRCC bolts for OMEGA support	M10 X 30	BICHRO	MV 66 122	DACRO	MV 66 222	Stainless steel	MV 66 622					
		M10 X 60		MV 66 123		MV 66 223		MV 66 623					
	Stainless steel support	100				MV 64 670							
		200				MV 64 671							
300					MV 64 672								
400					MV 64 673								
500					MV 64 674								

⁽¹⁾ To be used with BFR wire cable trays

	SYSTEM FOR MEDIUM LOADS					SYSTEM FOR HEAVY LOADS				
	40-TYPE RANGE					MAVISTRUT-TYPE RANGE				
	Description	Length (mm)	Z 275	GAC	Stainless steel	Description	Length (mm)	Z 275	GAC	
CEILING / WALL COUPLING	40-type variable nut		MV 64 111	MV 64 211	MV 64 611	41x29 MAVISTRUT support with welded plate	single 390	MV 63 101	MV 63 201	
							double 390	MV 63 105	MV 63 205	
							single 630	MV 63 103	MV 63 203	
	40-type fixing U-plate			MV 64 110	MV 64 210	MV 64 610	41x41 MAVISTRUT support with welded plate	double 630	MV 63 107	MV 63 207
								single 550	MV 63 140	MV 63 240
								double 550	MV 63 145	MV 63 245
								single 790	MV 63 110	MV 63 210
								double 790	MV 63 114	MV 63 214
								single 1030	MV 63 111	MV 63 211
40-type adjustable bracket plate			MV 64 113	MV 64 213	MV 64 613	MAVISTRUT support bolted plate	double 1030	MV 63 115	MV 63 215	
							single 1510	MV 63 113	MV 63 213	
							double 1510	MV 63 117	MV 63 217	
UPRIGHTS	40-type profiles	250	MV 62 120	MV 62 220	MV 62 620	MAVISTRUT serrated profile	single 41 x 41		MV 64 240	
		500	MV 62 121	MV 62 221	MV 62 621		counterplate		MV 64 241	
		1000	MV 62 122	MV 62 222	MV 62 622		bolted 41 x 29		MV 64 230	
		1500	MV 62 123	MV 62 223	MV 62 623		41 x 29 x 240	MV 65 180	MV 65 280	
		2000	MV 62 124	MV 62 224	MV 62 624		41 x 29 x 1030	MV 65 171	MV 65 271	
								41 x 29 x 1990	MV 65 172	MV 65 272
BRACKETS	40-type cantilevered bracket	150	MV 60 130	MV 60 230	MV 60 630	MAVISTRUT clip-on bracket	41 x 29 x 3030	MV 65 173	MV 65 273	
		200	MV 60 131	MV 60 231	MV 60 631		41 x 41 x 1030	MV 65 174	MV 65 274	
		250	MV 60 132	MV 60 232	MV 60 632		41 x 41 x 1990	MV 65 175	MV 65 275	
		350	MV 60 133	MV 60 233	MV 60 633		41 x 41 x 3030	MV 65 176	MV 65 276	
		450	MV 60 134	MV 60 234	MV 60 634		145	MV 61 100	MV 61 200	
		550	MV 60 135	MV 60 235	MV 60 635		245	MV 61 101	MV 61 201	
							345	MV 61 102	MV 61 202	
						445	MV 61 103	MV 61 203		
						545	MV 61 104	MV 61 204		
						595	MV 61 105	MV 61 205		
						645	MV 61 106	MV 61 206		
						150		MV 61 231		
						200		MV 61 232		
						300		MV 61 233		
					400		MV 61 234			
					150		MV 61 241			
					200		MV 61 242			
					300		MV 61 243			
					400		MV 61 244			
					500		MV 61 245			
					600		MV 61 246			
ACCESSORIES	40-type spacing plate		MV 64 112	MV 64 212	MV 64 612					
	40-type fixing rod	75 Ø8	MV 64 114		MV 64 614					
	Bolts	M6 X 10	MV 66 100	MV 66 200						
		M6 X 14	MV 66 101	MV 66 201						
M6 X 20		MV 66 403	MV 66 203							
C40 PLURIEL RANGE										
CEILING COUPLINGS AND ACCESSORIES	Semi-flange for ceiling-mounting		MV 64 180							
	Connection flange for double profile		MV 64 181							
	Connection hook for double profile							MV 64 682		
	PVC protection terminal		MV 64 783							
UPRIGHTS	Quick plug-in profiles C40 Pluriel	200	MV 65 190							
		500	MV 65 191							
		1000	MV 65 192							
		2000	MV 65 193							
BRACKETS	Quick plug-in shelves C40 Pluriel	100	MV 61 160							
		150	MV 61 161							
		200	MV 61 162							
		300	MV 61 163							
		400	MV 61 164							

SYSTEM FOR LIGHT LOADS

PROFILES

MV65130



Z-TYPE PROFILE - 3 M

Code	Dimensions AxBxC (mm)	Length (mm)	Pack. Carton.
FINISHING: Z 275			
MV 65 130	30x30x30	3000	30
MV 65 131	30x60x30	3000	30
MV 65 133	60x60x60	3000	30
FINISHING: GAC			
MV 65 230	30x30x30	3000	30
MV 65 231	30x60x30	3000	30
MV 65 233	60x60x60	3000	30

MV65134



OMEGA-TYPE PROFILE - 3 M

Code	Dimensions AxBxC (mm)	Length (mm)	Pack. Carton.
FINISHING: Z 275			
MV 65 134	30x30x30	3000	30
MV 65 135	30x30x60	3000	30
FINISHING: GAC			
MV 65 234	30x30x30	3000	30
MV 65 235	30x30x60	3000	30

MV65160



DIVIDER - 3 METRES

Code	Dimensions AxBxC (mm)	Length (mm)	Pack. Carton.
FINISHING: Z 275			
MV 65 160	30x30	3000	10
MV 65 162	40x40	3000	10
MV 65 163	68x40	3000	10
FINISHING: GAC			
MV 65 260	30x30	3000	10
MV 65 262	40x40	3000	10
MV 65 263	68x48	3000	10

MV65150



TELEX RAIL - 2 METRES

Code	Width (mm)	Shape	Length (mm)	Pack. Carton.
FINISHING: Z 275				
MV 65 150	30	C	2000	10
MV 65 151	50	C	2000	10
MV 65 152	75	C	2000	20
FINISHING: GAC				
MV 65 250	30	C	2000	10
MV 65 251	50	C	2000	10
MV 65 252	75	C	2000	20

OMEGA-TYPE FIXING BRACKET

MV62100



OMEGA-TYPE PROFILE			
Code	Length (mm)	Load admit. on brack DaN/m	Pack. Carton.
FINISHING: Z 275			
MV 62 100	410	2	32
MV 62 101	510	2	25
MV 62 102	610	2	25
FINISHING: GAC			
MV 62 200	410	2	32
MV 62 201	510	2	25
MV 62 202	610	2	25
FINISHING: STAINLESS STEEL			
MV 62 600	410	2	32
MV 62 601	510	2	25
MV 62 602	610	2	25

MV60100



OMEGA-TYPE FIXING BRACKET			
Code	Length (mm)	Max load (kg/bracket)	Pack. Carton.
FINISHING: Z 275			
MV 60 100	110	50	50
MV 60 101	210	50	50
MV 60 102	310	30	40
MV 60 113	410	70	12
MV 60 114	510	100	8
MV 60 115	610	130	6
FINISHING: GAC			
MV 60 200	110	50	50
MV 60 201	210	50	50
MV 60 202	310	30	40
MV 60 213	410	70	12
MV 60 214	510	100	8
MV 60 215	610	130	6
FINISHING: STAINLESS STEEL 304			
MV 60 600	110	50	50
MV 60 601	210	50	50
MV 60 612	310	130	40
MV 60 613	410	130	12
MV 60 614	510	130	8
MV 60 615	610	130	6

MV66122



BOLT FOR OMEGA-TYPE FIXING BRACKET				
Code	Description	Dimension	Accessories supplied	Pack. Carton.
FINISHING: BICHRO				
MV 66 122	TRCC bolt+nut	M10x30	Nut + n. 1 washer	100
MV 66 123	TRCC bolt+nut	M10x60	Nut + n. 1 washer	100
FINISHING: DACRO				
MV 66 222	TRCC bolt+nut	M10x30	Nut + n. 1 washer	100
MV 66 223	TRCC bolt+nut	M10x60	Nut + n. 1 washer	100
FINISHING: STAINLESS STEEL				
MV 66 622	TRCC bolt+nut	M10x30	Nut + n. 1 washer	50
MV 66 623	TRCC bolt+nut	M10x60	Nut + n. 1 washer	50

MV62110



OMEGA-TYPE C PENDANT FIXING BRACKET

Code	Dimensions LxH (mm)	Max load (kg/bracket)	Pack. Carton.
FINISHING: Z 275			
MV 62 110	95x115	22	30
MV 62 111	195x115	22	30
MV 62 112	295x115	14	30
MV 62 113	95x215	20	30
MV 62 114	195x215	20	30
MV 62 115	295x215	13	20
MV 62 116	95x265	20	30
MV 62 117	195x265	20	30
MV 62 118	295x265	13	24
FINISHING: GAC			
MV 62 210	95x115	22	30
MV 62 211	195x115	22	30
MV 62 212	295x115	14	30
MV 62 213	95x215	20	30
MV 62 214	195x215	20	30
MV 62 215	295x215	13	20
MV 62 216	95x265	20	30
MV 62 217	195x265	20	30
MV 62 218	295x265	13	24
FINISHING: STAINLESS STEEL			
MV 62 610	95x115	22	30
MV 62 611	195x115	22	30
MV 62 612	295x115	14	30
MV 62 613	95x215	20	30
MV 62 614	195x215	20	30
MV 62 615	295x215	13	20
MV 62 616	95x265	20	30
MV 62 617	195x265	20	30
MV 62 618	295x265	13	24

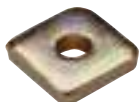
MV51100



FILMATIC - QUICK FIXING FOR BFR CABLE TRAY ON OMEGA BRACKETS

Code	Description	Finishing	Pack. Carton.
MV 51 100	FILMATIC fixing clip for OMEGA fixing bracket	Z 275	10
MV 51 600	FILMATIC fixing clip for OMEGA fixing bracket	Stainless steel	10

MV64401



WALL/CEILING FIXING PLATE FOR OMEGA TYPE PROFILES

Code	Description	Finishing	Pack. Carton.
MV 64 401	Mounting plate	Bichro	100

MV64105



OMEGA-TYPE SPACER ON MAVISTRUT NOTCHED RUNNER

Code	Description	Finishing	Pack. Carton.
MV 64 105	Mounting plate	Z 275	50

SYSTEM FOR MEDIUM LOADS

40-TYPE SUPPORT

MV64111



VARIABLE FLANGE FOR CEILING FIXING, 40-TYPE

Code	Description	Pack. Carton.
FINISHING: Z 275		
MV 64 111	Fixing angle plate	20
FINISHING: GAC		
MV 64 211	Fixing angle plate	20
FINISHING: STAINLESS STEEL		
MV 64 611	Fixing angle plate	20

For montage 40-type support on inclinations ceilings.

MV64110



DOUBLE FLANGE FOR 40-TYPE CEILING FIXING

Code	Description	Pack. Carton.
FINISHING: Z 275		
MV 64 110	Fixing U plate	20
FINISHING: GAC		
MV 64 210	Fixing U plate	20
FINISHING: STAINLESS STEEL		
MV 64 610	Fixing U plate	20

MV64113



ADJUSTABLE FLANGE FOR 40-TYPE BRACKET

Code	Description	Pack. Carton.
FINISHING: Z 275		
MV 64 113	Adjustable plate	25
FINISHING: GAC		
MV 64 213	Adjustable plate	25
FINISHING: STAINLESS STEEL		
MV 64 613	Adjustable plate	25

MV62120



40-TYPE PROFILE

Code	Thickness (mm)	Length (mm)	Pack. Carton.
FINISHING: Z 275			
MV 62 120	1.5	250	60
MV 62 121	1.5	500	10
MV 62 122	1.5	1000	10
MV 62 123	2	1500	10
MV 62 124	2	2000	6
FINISHING: GAC			
MV 62 220	1.5	250	60
MV 62 221	1.5	500	10
MV 62 222	1.5	1000	10
MV 62 223	2	1500	10
MV 62 224	2	2000	10
FINISHING: STAINLESS STEEL			
MV 62 620	1.5	250	60
MV 62 621	1.5	500	10
MV 62 622	1.5	1000	10
MV 62 623	2	1500	10
MV 62 624	2	2000	10

MV60130



40-TYPE CANTILEVER BRACKET

Code	Length (mm)	Max load (kg/bracket)	Pack. Carton.
FINISHING: Z 275			
MV 60 130	150	85	100
MV 60 131	200	85	80
MV 60 132	250	85	50
MV 60 133	350	100	25
MV 60 134	450	90	20
MV 60 135	550	85	18
FINISHING: GAC			
MV 60 230	150	85	100
MV 60 231	200	85	80
MV 60 232	250	85	50
MV 60 233	350	100	25
MV 60 234	450	90	20
MV 60 235	550	85	18
FINISHING: STAINLESS STEEL			
MV 60 630	150	85	100
MV 60 631	200	85	80
MV 60 632	250	85	50
MV 60 633	350	100	25
MV 60 634	450	90	20
MV 60 635	550	85	18

ACCESSORIES

MV64112



40-TYPE PROFILE CONNECTION FLANGE

Code	Description	Pack. Carton.
FINISHING: Z 275		
MV 64 112	Spacing plate for	100
FINISHING: GAC		
MV 64 212	Spacing plate for	100
FINISHING: STAINLESS STEEL		
MV 64 612	Spacing plate for	100

MV66100



BOLTS

Code	Description	Dimension	Accessories supplied	Pack. Carton.
FINISHING: BICHRO				
MV 66 100	Bolt + nut	M6x10	Flanged nut	100
MV 66 101	Bolt + nut	M6x14	Flanged nut	100
MV 66 403	Bolt + nut	M6x20	Flanged nut	100
FINISHING: DACRO				
MV 66 201	Bolt + nut	M6x14	Flanged nut	100
MV 66 200	Bolt + nut	M6x10	Flanged nut	100
MV 66 203	Bolt + nut	M6x20	Flanged nut	100

MV64114



40-TYPE FIXING ROD

Code	Description	Pack. Carton.
FINISHING: EZ		
MV 64 114	Fixing rod 6 x 70 type 40	100
FINISHING: STAINLESS STEEL		
MV 64 614	Fixing rod 6 x 70 type 40	100

C40 PLURIEL-TYPE SUPPORTS

C40 PLURIEL SUPPORTS

MV64180



SEMI-FLANGE FOR CEILING-MOUNTING, TYPE C40 PLURIEL

Code	Description	Pack. Carton.
FINISHING: Z 275		
MV 64 180	Semiflange for ceiling-mtg ceiling	32

NOTES: for the suspension of the C40 PLURIEL-type profiles, 2 semi-flanges are necessary.

MV64181



JOINING FLANGE FOR DOUBLE PROFILE, TYPE C40 PLURIEL

Code	Description	Pack. Carton.
FINISHING: Z 275		
MV 64 181	Union flange for dbl prof.	40

MV64682



JOINING HOOK FOR DOUBLE PROFILE, TYPE C40 PLURIEL

Code	Description	Pack. Carton.
FINISHING: STAINLESS STEEL		
MV 64 682	Union hook for dbl prof.	1/10

NOTES: the hooks are always used in pairs and assembled on the opposite sides of the profiles.

MV64783



PROTECTION TERMINAL FOR C40 PLURIEL-TYPE PROFILES

Code	Description	Suitable for	Material	Pack. Carton.
MV 64 783	Protection terminal	C40 PLURIEL profiles	PVC	10

MV65190



C40 PLURIEL-TYPE QUICK CONNECTION PROFILES

Code	Length (mm)	Unit weight	Pack. Carton.
FINISHING: Z 275			
MV 65 190	200	0.28	50
MV 65 191	500	0.69	32
MV 65 192	1000	1.4	6
MV 65 193	2000	2.8	6

NOTES: for the assembly of the brackets, leave at least one hole at the top and one at the bottom.

MV61162



C40 PLURIEL-TYPE QUICK CONNECTION BRACKETS

Code	Length (mm)	Max load (kg/bracket)	Height (mm)	Unit weight	Pack. Carton.
FINISHING: Z 275					
MV 61 160	100	115	59.6	0.13	50
MV 61 161	150	95	59.6	0.21	50
MV 61 162	200	70	59.6	0.29	50
MV 61 163	300	115	92.6	0.6	24
MV 61 164	400	90	92.6	0.85	16

NOTES: the brackets are installed on the open side of the profile and on the opposite side; if they are installed on the other two sides, the admissible load must be halved.

SYSTEM FOR HEAVY LOADS

MAVISTRUT-TYPE FIXING BRACKET

MV63103



MAVISTRUT NOTCHED PENDANT WITH WELDED FIXING PLATE					
Code	Description	Type	Characteristics	Length (mm)	Pack. Carton.
FINISHING: Z 275					
MV 63 101	41x29 pendant	Simple	Welded U plate	390	14
MV 63 103	41x29 pendant	Simple	Welded U plate	630	14
MV 63 105	41x29 pendant	Double	Welded U plate	390	10
MV 63 107	41x29 pendant	Double	Welded U plate	630	10
MV 63 140	41x41 pendant	Simple	Welded gusset	550	10
MV 63 110	41x41 pendant	Simple	Welded gusset	790	10
MV 63 111	41x41 pendant	Simple	Welded gusset	1030	6
MV 63 113	41x41 pendant	Simple	Welded gusset	1510	6
MV 63 145	41x41 pendant	Double	Welded gusset	550	6
MV 63 114	41x41 pendant	Double	Welded gusset	790	6
MV 63 115	41x41 pendant	Double	Welded gusset	1030	4
MV 63 117	41x41 pendant	Double	Welded gusset	1510	4
FINISHING: GAC					
MV 63 201	41x29 pendant	Simple	Welded U plate	390	14
MV 63 203	41x29 pendant	Simple	Welded U plate	630	14
MV 63 205	41x29 pendant	Double	Welded U plate	390	10
MV 63 207	41x29 pendant	Double	Welded U plate	630	10
MV 63 240	41x41 pendant	Simple	Welded gusset	550	10
MV 63 210	41x41 pendant	Simple	Welded gusset	790	10
MV 63 211	41x41 pendant	Simple	Welded gusset	1030	6
MV 63 213	41x41 pendant	Simple	Welded gusset	1510	6
MV 63 245	41x41 pendant	Double	Welded gusset	550	6
MV 63 214	41x41 pendant	Double	Welded gusset	790	6
MV 63 215	41x41 pendant	Double	Welded gusset	1030	4
MV 63 217	41x41 pendant	Double	Welded gusset	1510	4

NOTES: 41x29 supports suitable for MAVISTRUT type brackets up to 345 mm, flat 41x29 cantilever brackets, BFR type brackets and OMEGA type brackets; 41x41 supports suitable for all MAVISTRUT type brackets, flat 41x41 and 41x29 cantilever brackets, BFR type brackets and OMEGA type brackets.

MV64230



MAVISTRUT FLANGE WITH BOLTS FOR PENDANT FIXING			
Code	Description	Accessories supplied	Pack. Carton.
FINISHING: GAC			
MV 64 230	Bolted fixing plate 41x29	N. 2 bolt TRCC 8x25	25
MV 64 240	41x41 Bolted fixing plate	N. 1 counter plate N. 2 bolt HM 10x60	15
MV 64 241	Counter plate	N. 2 bolt HM 10x110	25

APPLICATIONS: MV64230 fixing of profiles MAVISTRUT 41x29 type; MV64240 fixing of simple profiles MAVISTRUT 41x41 type; MV64241 coupled with MV64240 allows you to fix the double profiles MAVISTRUT 41x41 type.

MV65180



MAVISTRUT NOTCHED PROFILE			
Code	Description	Length (mm)	Pack. Carton.
FINISHING: Z 275			
MV 65 180	41x29 Serrated profile	240	60
MV 65 171	41x29 Serrated profile	1030	20
MV 65 172	41x29 Serrated profile	1990	10
MV 65 173	41x29 Serrated profile	3030	8
MV 65 174	41x41 Serrated profile	1030	20
MV 65 175	41x41 Serrated profile	1990	10
MV 65 176	41x41 Serrated profile	3030	8
FINISHING: GAC			
MV 65 280	41x29 Serrated profile	240	60
MV 65 271	41x29 Serrated profile	1030	20
MV 65 272	41x29 Serrated profile	1990	10
MV 65 273	41x29 Serrated profile	3030	8
MV 65 274	41x41 Serrated profile	1030	20
MV 65 275	41x41 Serrated profile	1990	10
MV 65 276	41x41 Serrated profile	3030	8

APPLICATIONS: 41x29 profiles suitable for MAVISTRUT type brackets up to 345 mm, flat 41x29 cantilever brackets, BFR type brackets and OMEGA type brackets; 41x41 profiles suitable for all MAVISTRUT type brackets, flat 41x41 and 41x29 cantilever brackets, BFR type brackets and OMEGA type brackets.

MV61100



MAVISTRUT CLIP-ON CANTILEVER BRACKET

Code	Length (mm)	Max load (kg/bracket)	Pack. Carton.
FINISHING: Z 275			
MV 61 100	145	110	50
MV 61 101	245	100	36
MV 61 102	345	100	25
MV 61 103	445	171	16
MV 61 104	545	150	14
MV 61 105	595	121	14
MV 61 106	645	112	14
FINISHING: GAC			
MV 61 200	145	110	50
MV 61 201	245	100	36
MV 61 202	345	100	25
MV 61 203	445	171	16
MV 61 204	545	150	14
MV 61 205	595	121	14
MV 61 206	645	112	14

APPLICATIONS: quick coupling brackets on MAVISTRUT type profiles without the help of accessories and without using tools.

FIXING BRACKET

MV61231



BRACKET 41X29 WITH FLAT ENDS

Code	Length (mm)	Max load (kg/bracket)	Finishing	Pack. Carton.
MV 61 231	150	270	GAC	20
MV 61 232	200	200	GAC	20
MV 61 233	300	180	GAC	15
MV 61 234	400	150	GAC	15

MV61241



BRACKET 41X41 WITH FLAT ENDS

Code	Length (mm)	Max load (kg/bracket)	Finishing	Pack. Carton.
MV 61 241	150	550	GAC	20
MV 61 242	200	450	GAC	20
MV 61 243	300	350	GAC	15
MV 61 244	400	300	GAC	15
MV 61 245	500	270	GAC	12
MV 61 246	600	220	GAC	12

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		

DX15					
DX 15016	mt	100/5600	5600	2-8	708
DX 15020	mt	100/4800	4800	2-8	708
DX 15025	mt	50/2400	2400	2-8	708
DX 15032	mt	25/1300	1300	2-8	708
DX 15040	mt	25/500	500	2-8	708
DX 15050	mt	25/400	400	2-8	708
DX 15063	mt	20/400	400	2-8	708
DX 15116	mt	100/5600	5600	2-8	708
DX 15120	mt	100/4800	4800	2-8	708
DX 15125	mt	50/2400	2400	2-8	708
DX 15132	mt	25/1300	1300	2-8	708
DX 15140	mt	25/500	500	2-8	708
DX 15150	mt	25/400	400	2-8	708
DX 15163	mt	20/400	400	2-8	708
DX 15216	mt	100/2400	2400	2-8	709
DX 15220	mt	100/2000	2000	2-8	709
DX 15225	mt	50/1000	1000	2-8	709
DX 15232	mt	25/600	600	2-8	709
DX 15240	mt	25/500	500	2-8	709
DX 15250	mt	25/400	400	2-8	709
DX 15316	mt	100/2400	2400	2-8	709
DX 15320	mt	100/2000	2000	2-8	709
DX 15325	mt	50/1000	1000	2-8	709
DX 15332	mt	25/600	600	2-8	709
DX 15416	mt	100/2400	2400	2-8	709
DX 15420	mt	100/2000	2000	2-8	709
DX 15425	mt	50/1000	1000	2-8	709
DX 15432	mt	25/600	600	2-8	709
DX 15440	mt	25/500	500	2-8	709
DX 15450	mt	25/400	400	2-8	709
DX 15516	mt	100/2400	2400	2-8	709
DX 15520	mt	100/2000	2000	2-8	709
DX 15525	mt	50/1000	1000	2-8	709
DX 15532	mt	25/600	600	2-8	709
DX 15616	mt	100/2400	2400	2-8	709
DX 15620	mt	100/2000	2000	2-8	709
DX 15625	mt	50/1000	1000	2-8	709
DX 15632	mt	25/600	600	2-8	709
DX 15640	mt	25/500	500	2-8	709
DX 15650	mt	25/400	400	2-8	709
DX 15716	mt	100/2400	2400	2-8	709
DX 15720	mt	100/2000	2000	2-8	709
DX 15725	mt	50/1000	1000	2-8	709
DX 15732	mt	25/600	600	2-8	709
DX 15816	mt	100/2400	2400	2-8	710
DX 15820	mt	100/2000	2000	2-8	710
DX 15825	mt	50/1000	1000	2-8	710
DX 15832	mt	25/600	600	2-8	710
DX 15840	mt	25/500	500	2-8	710
DX 15850	mt	25/400	400	2-8	710
DX 15916	mt	100/2400	2400	2-8	710
DX 15920	mt	100/2000	2000	2-8	710
DX 15925	mt	50/1000	1000	2-8	710
DX 15932	mt	25/600	600	2-8	710

DX16					
DX 16216	mt	100/5600	5600	2-8	708
DX 16220	mt	100/4800	4800	2-8	708
DX 16225	mt	50/2400	2400	2-8	708
DX 16232	mt	25/1300	1300	2-8	708

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DX 16240	mt	25/500	500	2-8	708
DX 16250	mt	25/400	400	2-8	708
DX 16263	mt	20/400	400	2-8	708
DX 16316	mt	100/5600	5600	2-8	708
DX 16320	mt	100/4800	4800	2-8	708
DX 16325	mt	50/2400	2400	2-8	708
DX 16332	mt	25/1300	1300	2-8	708
DX 16340	mt	25/500	500	2-8	708
DX 16350	mt	25/400	400	2-8	708
DX 16363	mt	20/400	400	2-8	708

DX20					
DX 20016	mt	100/4800	4800	2-7-10	711
DX 20020	mt	100/4000	4000	2-7-10	711
DX 20025	mt	50/2000	2000	2-7-10	711
DX 20032	mt	25/1100	1100	2-7-10	711
DX 20040	mt	25/500	500	2-7-10	711
DX 20050	mt	25/400	400	2-7-10	711
DX 20063	mt	20/400	400	2-7-10	711
DX 20116	mt	100/4800	4800	2-7-10	711
DX 20120	mt	100/4000	4000	2-7-10	711
DX 20125	mt	50/2000	2000	2-7-10	711
DX 20132	mt	25/1100	1100	2-7-10	711
DX 20140	mt	25/500	500	2-7-10	711
DX 20150	mt	25/400	400	2-7-10	711
DX 20163	mt	20/400	400	2-7-10	711
DX 20416	mt	100/4800	4800	2-7-10	711
DX 20420	mt	100/4000	4000	2-7-10	711
DX 20425	mt	50/2000	2000	2-7-10	711
DX 20432	mt	25/1100	1100	2-7-10	711
DX 20440	mt	25/500	500	2-7-10	711
DX 20450	mt	25/400	400	2-7-10	711
DX 20463	mt	20/400	400	2-7-10	711
DX 20516	mt	100/4800	4800	2-7-10	711
DX 20520	mt	100/4000	4000	2-7-10	711
DX 20525	mt	50/2000	2000	2-7-10	711
DX 20532	mt	25/1100	1100	2-7-10	711
DX 20540	mt	25/500	500	2-7-10	711
DX 20550	mt	25/400	400	2-7-10	711
DX 20563	mt	20/400	400	2-7-10	711

DX22					
DX 22016	mt	100/4800	4800	2-7-10	712
DX 22020	mt	100/4000	4000	2-7-10	712
DX 22025	mt	50/2000	2000	2-7-10	712
DX 22032	mt	25/1100	1100	2-7-10	712
DX 22040	mt	25/500	500	2-7-10	712
DX 22050	mt	25/400	400	2-7-10	712
DX 22063	mt	20/400	400	2-7-10	712
DX 22116	mt	100/4800	4800	2-7-10	712
DX 22120	mt	100/4000	4000	2-7-10	712
DX 22125	mt	50/2000	2000	2-7-10	712
DX 22132	mt	25/1100	1100	2-7-10	712
DX 22140	mt	25/500	500	2-7-10	712
DX 22150	mt	25/400	400	2-7-10	712
DX 22163	mt	20/400	400	2-7-10	712

DX23					
DX 23016	mt	100/4800	4800	2-7-10	712
DX 23020	mt	100/4000	4000	2-7-10	712
DX 23025	mt	50/2000	2000	2-7-10	712
DX 23032	mt	25/1100	1100	2-7-10	712



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DX 23040	mt	25/500	500	2-7-10	712
DX 23050	mt	25/400	400	2-7-10	712
DX 23063	mt	20/400	400	2-7-10	712
DX 23116	mt	100/4800	4800	2-7-10	712
DX 23120	mt	100/4000	4000	2-7-10	712
DX 23125	mt	50/2000	2000	2-7-10	712
DX 23132	mt	25/1100	1100	2-7-10	712
DX 23140	mt	25/500	500	2-7-10	712
DX 23150	mt	25/400	400	2-7-10	712
DX 23163	mt	20/400	400	2-7-10	712
DX 23216	mt	100/4800	4800	8-10	713
DX 23220	mt	100/4000	4000	8-10	713
DX 23225	mt	50/2000	2000	8-10	713
DX 23232	mt	25/1100	1100	8-10	713
DX 23240	mt	25/500	500	8-10	713
DX 23250	mt	25/400	400	8-10	713
DX 23263	mt	20/400	400	8-10	713
DX 23316	mt	100/4800	4800	8-10	713
DX 23320	mt	100/4000	4000	8-10	713
DX 23325	mt	50/2000	2000	8-10	713
DX 23332	mt	25/1100	1100	8-10	713
DX 23340	mt	25/500	500	8-10	713
DX 23350	mt	25/400	400	8-10	713
DX 23363	mt	20/400	400	8-10	713

DX25

DX 25216	mt	74/2220	2220	2	687
DX 25220	mt	48/1344	1344	2	687
DX 25225	mt	48/864	864	2	687
DX 25232	mt	38/532	532	2	687
DX 25316	mt	111/3330	3330	2	687
DX 25320	mt	57/2223	2223	2	687
DX 25325	mt	57/1311	1311	2	687
DX 25332	mt	30/780	780	2	687
DX 25340	mt	30/540	540	2	687
DX 25350	mt	15/360	360	2	687
DX 25363	mt	9/180	180	2	687
DX 25716	mt	57/3192	3192	2-8	687
DX 25720	mt	57/2223	2223	2-8	687
DX 25725	mt	57/1311	1311	2-8	687
DX 25732	mt	30/780	780	2-8	687
DX 25740	mt	30/540	540	2-8	687
DX 25750	mt	15/360	360	2-8	687
DX 25763	mt	9/180	180	2	687

DX26

DX 26216	mt	60/4620	4620	2-8-19	687
DX 26220	mt	46/3542	3542	2-8-19	687
DX 26225	mt	48/2640	2640	2-8-19	687
DX 26232	mt	36/1980	1980	2-8-19	687
DX 26240	mt	30/1080	1080	2-8-19	687
DX 26250	mt	18/648	648	2-8-19	687
DX 26263	mt	12/420	420	2-8-19	687

DX27

DX 27216	mt	74/2220	2220	2-7	686
DX 27220	mt	48/1344	1344	2-7	686
DX 27225	mt	48/864	864	2-7	686
DX 27232	mt	38/532	532	2-7	686
DX 27316	mt	75/3150	3150	2-7	686
DX 27320	mt	51/2142	2142	2-7	686
DX 27325	mt	51/1224	1224	2-7	686

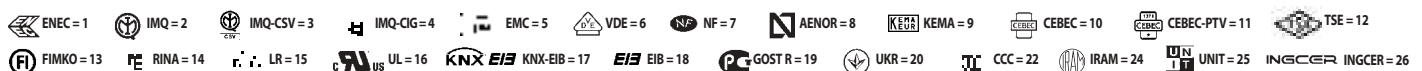
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DX 27332	mt	30/780	780	2-7	686
DX 27340	mt	21/525	525	2-7	686
DX 27350	mt	15/360	360	2-7	686
DX 27363	mt	9/180	180	2	686
DX 27616	mt	74/2220	2220	7	686
DX 27620	mt	48/1344	1344	7	686
DX 27625	mt	48/864	864	7	686
DX 27632	mt	38/532	532	7	686
DX 27716	mt	75/3150	3150	7	686
DX 27720	mt	51/2142	2142	7	686
DX 27725	mt	51/1224	1224	7	686
DX 27732	mt	30/780	780	7	686
DX 27740	mt	21/525	525	7	686
DX 27750	mt	15/360	360	7	686
DX 27763	mt	9/180	180	7	686

DX30

DX 30008	mt	30/2070	2070		720
DX 30010	mt	30/1800	1800	2-24	720
DX 30012	mt	30/1800	1800	2-24	720
DX 30014	mt	30/1440	1440		720
DX 30016	mt	30/1080	1080	2-24	720
DX 30020	mt	30/1080	1080	2-24	720
DX 30022	mt	30/720	720		720
DX 30025	mt	30/600	600	2-24	720
DX 30028	mt	30/480	480		720
DX 30032	mt	30/480	480	2-24	720
DX 30035	mt	30/480	480		720
DX 30040	mt	30/360	360	2-24	720
DX 30050	mt	30/180	180	2-24	720
DX 30060	mt	30/120	120		720
DX 30108	mt	30/2070	2070		720
DX 30110	mt	30/1800	1800	2-24	720
DX 30112	mt	30/1800	1800	2-24	720
DX 30114	mt	30/1440	1440		720
DX 30116	mt	30/1080	1080	2-24	720
DX 30120	mt	30/1080	1080	2-24	720
DX 30122	mt	30/720	720		720
DX 30125	mt	30/600	600	2-24	720
DX 30128	mt	30/480	480		720
DX 30132	mt	30/480	480	2-24	720
DX 30135	mt	30/480	480		720
DX 30140	mt	30/360	360	2-24	720
DX 30150	mt	30/180	180	2-24	720
DX 30160	mt	30/120	120		720
DX 30212	mt	30/1800	1800		720
DX 30216	mt	30/1080	1080		720
DX 30220	mt	30/1080	1080		720
DX 30222	mt	30/720	720		720
DX 30225	mt	30/600	600		720
DX 30232	mt	30/480	480		720
DX 30240	mt	30/360	360		720
DX 30812	mt	30/1800	1800		724
DX 30816	mt	30/1080	1080		724
DX 30820	mt	30/1080	1080		724
DX 30825	mt	30/600	600		724

DX35

DX 35000	mt	50/400	400	2	727
DX 35001	mt	50/350	350	2	727
DX 35002	mt	50/300	300	2	727



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DX 35003	mt	50/250	250	2	727
DX 35004	mt	50/250	250	2	727
DX 35005	mt	50/200	200	2	727
DX 35006	mt	25/100	100	2	727
DX 35007	mt	25/100	100	2	727
DX 35008	mt	25/100	100	2	727
DX 35009	mt	25	25	2	727

DX40					
DX 40016		10/450	27000	2-7-19	688
DX 40020		10/300	15000	2-7-19	688
DX 40025		10/240	12000	2-7-19	688
DX 40032		5/90	4500	2-7-19	688
DX 40040		5/25	3000	2-7-19	688
DX 40050		15	1800	2-7-19	688
DX 40063		8	400	2-7-19	688
DX 40116		10/360	18000	2-7-19	688
DX 40120		10/180	9000	2-7-19	688
DX 40125		5/90	5400	2-7-19	688
DX 40132		5/35	2240	2-7-19	688
DX 40140		5/20	1200	2-7-19	688
DX 40150		10	640	2-7-19	688
DX 40163		1	168	2-7-19	688
DX 40216		10/100	5000	19	688
DX 40220		10/60	3000	19	688
DX 40225		10/40	4800	19	688
DX 40232		5/20	1000	19	688
DX 40316		10/180	18000	19	688
DX 40320		10/120	12000	19	688
DX 40325		10/70	3500	19	688
DX 40332		10/40	2000	19	688

DX42					
DX 42216		60	3000	19	690
DX 42220		40	1600	19	690
DX 42225		20	1000	19	690
DX 42232		20	480	19	690
DX 42240		12	288	19	690
DX 42250		9	162	19	690

DX43					
DX 43016		10/300	6000	2-7-8-19	689
DX 43020		10/240	14400	2-7-8-19	689
DX 43025		5/150	9600	2-7-8-19	689
DX 43032		5/120	6000	2-7-8-19	689
DX 43040		5/90	1800	2-7-8-19	689
DX 43050		3/54	1080	2-7-8-19	689
DX 43116		10/100	6400	2-7-8-19	689
DX 43120		10/80	5120	2-7-8-19	689
DX 43125		5/50	3200	2-7-8-19	689
DX 43132		5/30	1920	2-7-8-19	689
DX 43140		5/15	960	2-7-8-19	689
DX 43150		8	512	2-7-8-19	689
DX 43216		10/360	21600	2-7-8-19	689
DX 43220		10/300	18000	2-7-8-19	689
DX 43225		5/180	10800	2-7-8-19	689
DX 43232		5/150	7500	2-7-8-19	689
DX 43240		5/30	3600	2-7-8-19	689
DX 43250		5/15	1800	2-7-8-19	689
DX 43316		10/450	9000	19	689
DX 43316		10/450	9000	19	724
DX 43320		10/300	18000	19	689

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DX 43320		10/300	18000	19	724
DX 43325		5/210	12600	19	689
DX 43325		5/210	12600	19	724
DX 43332		5/120	7200	19	689
DX 43332		5/120	7200	19	724
DX 43340		5/25	1250	19	689
DX 43340		5/25	1250	19	724
DX 43350		5/20	800	19	689
DX 43350		5/20	800	19	724
DX 43416		10/360	7200	19	689
DX 43416		10/360	7200	19	724
DX 43420		10/240	14400	19	689
DX 43420		10/240	14400	19	724
DX 43425		5/150	9000	19	689
DX 43425		5/150	9000	19	724
DX 43432		5/40	4800	19	689
DX 43432		5/40	4800	19	724
DX 43440		5/20	2400	19	689
DX 43440		5/20	2400	19	724
DX 43516		60	2400	19	689
DX 43520		40	1600	19	689
DX 43525		20	800	19	689
DX 43532		20	400	19	689
DX 43540		12	216	19	689
DX 43550		9	162	19	689
DX 43616		60	2400	19	690
DX 43620		40	1600	19	690
DX 43625		20	1000	19	690
DX 43632		20	360	19	690
DX 43640		12	288	19	690
DX 43650		9	180	19	690
DX 43713		10/80	4000	19	690
DX 43716		10/80	4000	19	690
DX 43719		10/80	4000	19	690

DX45					
DX 45003		3/15	1800	19	692
DX 45004		5/60	480	19	692
DX 45007		5/60	480	19	692
DX 45010		1/16	288	19	692

DX47					
DX 47000		50/450	18000	19	692
DX 47001		20/60	6600	19	692
DX 47212		10/450	9000	19	692
DX 47216		10/450	9000	19	692
DX 47220		10/390	7800	19	692
DX 47503		10/300	6000	19	692
DX 47506		10/300	6000	19	692
DX 47509		10/300	6000	19	692
DX 47616		10/390	7800	19	692
DX 47620		10/360	7200	19	692
DX 47625		10/300	6000	19	692

DX51					
DX 51120		100/1500	30000	19	703
DX 51232		100/800	51200	19	703
DX 51263		100/400	24000	19	703
DX 51306		200/600	0	19	703
DX 51308		200/600	42000	19	703
DX 51316		1/10	2000	19	691
DX 51320		1/10	2000	19	691



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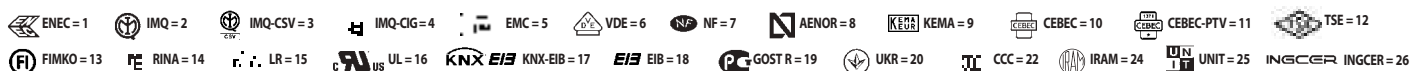
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DX 51325		1/5	1000	19	691
DX 51416		1/10	2000	19	691
DX 51420		1/10	2000	19	691
DX 51425		1/5	2000	19	691
DX 51432		1/5	2000	19	691
DX 51440		1	200	19	691
DX 51450		1	200	19	691
DX 51600		1/5	200	19	691

DX52					
DX 52016		50/200	10000	7-19	714
DX 52020		50/150	18000	7-19	714
DX 52025		50/100	12000	7-19	714
DX 52032		25/75	9000	7-19	714
DX 52040		10/40	2000	7-19	714
DX 52050		10/40	2000	7-19	714
DX 52063		25	1250	7-19	714
DX 52116		100/500	55000	19	714
DX 52120		100/400	44000	19	714
DX 52125		50/250	27500	19	714
DX 52132		25/125	13750	19	714
DX 52140		25/100	11000	19	714
DX 52150		25/75	8250	19	714
DX 52163		50	5500	19	714
DX 52205		1/10	3600	19	715
DX 52210		1/10	360	19	715
DX 52215		1/10	360	19	715
DX 52220		1/10	320	19	715
DX 52225		1/10	360	19	715
DX 52299		10/200	20000	19	715
DX 52305		1/40	720	19	715
DX 52310		1/25	400	19	715
DX 52315		1/15	240	19	715
DX 52320		1/15	240	19	715
DX 52325		1/15	270	19	715
DX 52399		10/200	20000	19	715

DX54					
DX 54008		20/180	19800	19	721
DX 54010		20/160	17600	2-19-24	721
DX 54012		10/100	11000	2-19-24	721
DX 54016		10/150	7500	2-19-24	548
DX 54016		10/150	7500	2-19-24	721
DX 54020		10/100	10000	2-19-24	548
DX 54020		10/100	10000	2-19-24	721
DX 54022		10/100	5000	19	721
DX 54025		5/60	3000	19-24	548
DX 54025		5/60	3000	19-24	721
DX 54028		5/40	2000	19	721
DX 54032		5/30	1500	2-19-24	548
DX 54032		5/30	1500	2-19-24	721
DX 54040		25	1250	2-19-24	548
DX 54040		25	1250	2-19-24	721
DX 54050		15	750	2-19-24	721
DX 54108		20/180	19800	19	721
DX 54110		20/160	17600	2-19	721
DX 54112		10/100	11000	2-19	721
DX 54116		10/150	7500	2-19	721
DX 54120		10/100	5000	2-19	721
DX 54122		10/100	5000	19	721
DX 54125		5/60	3000	19	721

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DX 54128		5/40	2000	19	721
DX 54132		5/30	1500	2-19	721
DX 54140		25	1250	2-19	721
DX 54150		15	750	2-19	721
DX 54208		20/180	19800	19	721
DX 54210		20/160	17600	19	721
DX 54212		10/100	11000	19	721
DX 54214		10/150	7500	19	721
DX 54216		10/150	18000	19	721
DX 54220		10/100	12000	19	721
DX 54222		10/100	5000	19	721
DX 54225		5/60	7200	19	721
DX 54228		5/40	4800	19	721
DX 54232		5/30	3600	19	721
DX 54235		5/30	1500	19	721
DX 54240		25	3000	19	721
DX 54250		15	750	19	721
DX 54308		20/180	19800	19	721
DX 54310		20/160	17600	19	721
DX 54312		10/100	11000	19	721
DX 54314		10/150	7500	19	721
DX 54316		10/150	7500	19	721
DX 54320		10/100	5000	19	721
DX 54322		10/100	5000	19	721
DX 54325		5/60	3000	19	721
DX 54328		5/40	2000	19	721
DX 54332		5/30	1500	19	721
DX 54335		5/30	1500	19	721
DX 54340		25	1250	19	721
DX 54350		15	750	19	721
DX 54408		20/180	19800	19	722
DX 54410		20/160	17600	19	722
DX 54411		20/160	17600	19	722
DX 54412		10/100	11000	19	548
DX 54412		10/100	11000	19	722
DX 54413		10/100	11000	19	722
DX 54414		10/150	7500	19	722
DX 54416		10/150	18000	19	548
DX 54416		10/150	18000	19	722
DX 54417		10/150	6000	19	548
DX 54417		10/150	6000	19	722
DX 54420		10/100	5000	19	548
DX 54420		10/100	5000	19	722
DX 54422		10/100	4000	19	722
DX 54425		5/60	3000	19	548
DX 54425		5/60	3000	19	722
DX 54428		5/40	2000	19	722
DX 54432		5/30	1500	19	548
DX 54432		5/30	1500	19	722
DX 54435		5/30	1500	19	722
DX 54508		20/180	19800	19	722
DX 54510		20/160	17600	19	722
DX 54511		20/160	17600	19	722
DX 54512		10/100	11000	19	722
DX 54513		10/100	11000	19	722
DX 54514		10/150	7500	19	722
DX 54516		10/150	7500	19	722
DX 54517		10/150	7500	19	722
DX 54520		10/100	5000	19	722
DX 54522		10/100	4000	19	722
DX 54525		5/60	3000	19	722



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		PACK/ CARTON	PALLET		
DX 54528		5/40	2000	19	722
DX 54532		5/30	1500	19	722
DX 54535		5/30	1500	19	722

DX55					
DX 55010		20/120	13200	19	722
DX 55012		10/60	6600	19	722
DX 55016		10/110	4400	19	722
DX 55020		10/60	3000	19	722
DX 55025		10/30	1500	19	722
DX 55032		5/15	750	19	722
DX 55210		20/120	13200	19	722
DX 55212		10/60	6600	19	722
DX 55213		10/60	6600	19	722
DX 55216		10/110	4400	19	722
DX 55217		10/110	4400	19	722
DX 55220		10/60	3000	19	722
DX 55225		10/30	1500	19	722
DX 55232		5/15	750	19	722
DX 55613		10/100	5000	19	724
DX 55616		10/100	4000	19	724
DX 55619		10/100	5000	19	724
DX 55623		10/80	4000	19	724
DX 55626		10/80	4000	19	724
DX 55629		10/80	4000	19	724
DX 55812		10/360	7200	19	724
DX 55816		10/240	9600	19	724
DX 55820		10/180	4320	19	724

DX56					
DX 56008		20/160	17600	19	723
DX 56010		10/170	8500	19	723
DX 56012		10/150	7500	19	723
DX 56014		10/130	6500	19	723
DX 56016		10/110	4400	19	723
DX 56022		10/50	2500	19	723
DX 56025		10/50	2500	19	723
DX 56028		10/40	2000	19	723
DX 56040		15	750	19	723
DX 56050		12	600	19	723
DX 56208		20/160	17600	19	723
DX 56210		10/170	8500	19	723
DX 56212		10/150	7500	19	723
DX 56214		10/130	6500	19	723
DX 56216		10/110	5500	19	723
DX 56222		10/50	2500	19	723
DX 56225		10/50	2500	19	723
DX 56228		10/40	2000	19	723
DX 56232		3/18	900	19	723
DX 56235		3/18	900	19	723
DX 56240		15	750	19	723
DX 56250		12	600	19	723
DX 56408		20/160	17600	19	723
DX 56410		10/170	8500	19	723
DX 56411		10/150	7500	19	723
DX 56412		10/150	7500	19	723
DX 56413		10/150	7500	19	723
DX 56414		10/130	6500	19	723
DX 56415		10/110	5500	19	723
DX 56416		10/110	4400	19	723
DX 56417		10/110	4400	19	723

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		PACK/ CARTON	PALLET		
DX 56422		10/50	2500	19	723
DX 56423		10/50	2500	19	723
DX 56425		10/50	2500	19	723
DX 56428		10/40	2000	19	723
DX 56432		3/18	720	19	723
DX 56435		3/18	900	19	723
DX 56440		15	750	19	723
DX 56450		12	600	19	723

DX58					
DX 58200		1/12	1728	2-19	727
DX 58201		1/12	840	2-19	727
DX 58202		1/12	480	2-19	727
DX 58203		1/12	360	2-19	727
DX 58204		1/12	288	2-19	727
DX 58205		1/12	144	2-19	727
DX 58206		1/12	336	2-19	727
DX 58207		1/12	72	2-19	727
DX 58208		1/12	192	2-19	727
DX 58209		1/6	24	2-19	727

DX59					
DX 59220		1/6	108	19	729
DX 59221		1/6	96	19	729
DX 59230		1/6	108	19	729
DX 59231		1/6	96	19	729
DX 59240		1/6	300	19	729
DX 59241		1/4	224	19	729
DX 59242		1/4	224	19	729
DX 59401		1/60	60	19	728
DX 59402		1/60	60	19	728
DX 59410		1/5	225	19	728
DX 59411		1/5	350	19	728
DX 59430		1/5	180	19	728
DX 59431		1/5	120	19	728
DX 59440		1/10	1600	19	728
DX 59450		1/50	5500	19	728
DX 59450		1/50	5500	19	728
DX 59451		1/10	3000	19	728
DX 59452		1/50	8700	19	728
DX 59452		1/50	8700	19	728
DX 59453		1/20	0	19	728
DX 59453		1/20	0	19	728
DX 59501		1	45	19	729
DX 59502		1	45	19	729
DX 59511		1/6	108	19	729
DX 59520		1/6	108	19	729
DX 59551		1/10	1100	19	729
DX 59650		1/50	5500	19	729
DX 59701		1/36	36	19	728
DX 59702		1/36	36	19	728
DX 59710		1/5	120	19	728
DX 59711		1/5	100	19	728
DX 59730		1/5	140	19	728
DX 59731		1/5	100	19	728
DX 59740		1/10	500	19	728
DX 59751		1/10	3000	19	728
DX 59801		1/18	18	19	728
DX 59802		1/18	36	19	728
DX 59810		1/5	30	19	728
DX 59811		1/5	30	19	728



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DX 59830		1/5	30	19	728
DX 59831		1/5	30	19	728
DX 59840		1/10	240	19	728
DX 59851		1/10	1600	19	728
DX 59901		1/8	8	19	728
DX 59902		1/8	8	19	728
DX 59910		1/5	0	19	728
DX 59911		1/5	0	19	728
DX 59930		1/5	0	19	728
DX 59931		1/5	0	19	728
DX 59940		1/10	0	19	728
DX 59951		1/10	1600	19	728

GW16					
GW 16803		12/240	8640	2-7-19-22	759
GW 16803		12/240	8640	2-7-19-22	774
GW 16804		12/120	7200	2-7-19-22	760
GW 16804		12/120	7200	2-7-19-22	775
GW 16821		12/120	2880	2-6-7-19-22	759
GW 16821		12/120	2880	2-6-7-19-22	774

GW20					
GW 20246		30/120	7200	19	100
GW 20833		1/4	1248		100

GW24					
GW 24201		10/300	12000	2-19	759
GW 24201		10/300	12000	2-19	774
GW 24206		5/150	2400	2-19-22	644
GW 24207		5/200	6000	2-19-22	644
GW 24207		5/200	6000	2-19-22	647
GW 24208		270	5400	2-19-22	645
GW 24209		312	16848	2-19-22	645
GW 24210		152	8208	2-19-22-25	645
GW 24218		50/400	8000	2-19	645
GW 24218		50/400	8000	2-19	647
GW 24220		50/600	9600	2-19	645
GW 24221		280	4480	2-19	645
GW 24222		5/160	640	2-19	645
GW 24223		200	4000	19	645
GW 24227		5/50	1200	2-19	645
GW 24228		5/50	1200	2-19	645
GW 24231		5/200	4000	2-7-19-22	645
GW 24232		5/200	6000	2-7-19-22	645
GW 24233		20/200	14000	19	645
GW 24234		5/200	1600	19-22	645
GW 24234		5/200	1600	19-22	647
GW 24237		2/24	432	2-19-22	644
GW 24238		2/24	720	2-19-22	644
GW 24239		2/16	192	2-19-22	644
GW 24245		2/108	2160	2-19-22	644
GW 24245		2/108	2160	2-19-22	647
GW 24246		2/80	1600	2-19-22	644
GW 24246		2/80	1600	2-19-22	647
GW 24262		10/120	6480	2-19	759
GW 24262		10/120	6480	2-19	774
GW 24282		2/108	648	19-22	645
GW 24282		2/108	648	19-22	647
GW 24292		10/150	2400		760
GW 24292		10/150	2400		775
GW 24321		200	12800	19	644
GW 24330		150	0		644

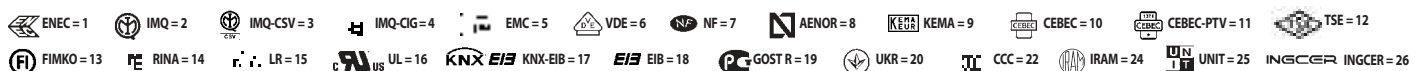
CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 24403		15/345	5175		644
GW 24403 P		200	8000		644
GW 24404		5/135	1620		644
GW 24404 P		50	2000		644
GW 24406		3/36	1152		644
GW 24406 P		50	1000		644

GW26					
GW 26406		25/250	12500		660
GW 26406		25/250	12500		680
GW 26409		5/300	10800	2-19	100
GW 26410		5/150	5400	2-19	100

GW27					
GW 27101		5/60	960	2-19-24-25	680
GW 27102		2/30	480	2-19-24-25	680
GW 27103		1/20	480	2-19-24-25	680
GW 27104		1/10	240	2-19-24-25	680
GW 27105		1/10	120	2-19-24-25	680
GW 27111		5/60	960	2-19-24-25	680
GW 27201		1/30	600	19	680
GW 27202		1/30	540	19	680
GW 27203		1/10	240	19	680
GW 27204		1/10	240	19	680
GW 27401		3/60	5400	19	323
GW 27401		3/60	5400	19	329
GW 27401		3/60	5400	19	603
GW 27401		3/60	5400	19	642
GW 27401		3/60	5400	19	759
GW 27401		3/60	5400	19	774
GW 27402		2/60	840	19	680
GW 27603		10	500	19	736
GW 27609		10	500	19	736
GW 27615		10	500	19	736
GW 27615		10	500	19	746
GW 27616		10	500	19	746
GW 27621		10	500	19	736
GW 27621		10	500	19	746
GW 27622		10	500	19	746
GW 27627		5	360	19	736
GW 27627		5	360	19	746
GW 27628		5	360	19	746

GW30					
GW 30943		50	13650		654
GW 30945		50	0		654
GW 30951		50	0		654
GW 30952		50	0		654
GW 30958		10	1560		654
GW 30959		10	1560		654
GW 30960		10	1560		654

GW32					
GW 32401		10/150	1800	2-19	759
GW 32401		10/150	1800	2-19	774
GW 32402		10/150	6000	2-19	759
GW 32402		10/150	6000	2-19	774
GW 32403		10/150	5400	2-19	759
GW 32403		10/150	5400	2-19	774
GW 32404		10/100	4000	2-19	760
GW 32404		10/100	4000	2-19	775
GW 32450		1/10	1020	19	653



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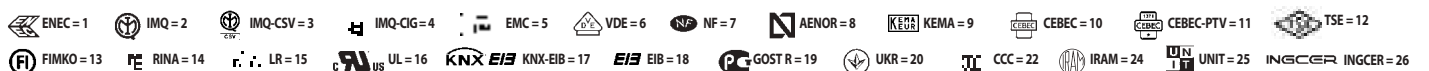
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		PACK/ CARTON	PALLET		
GW 32451		1/10	680	19	653
GW 32452		1/10	300	19	653
GW 32453		1/10	300	19	653
GW 32457		1/10	1950	19	654
GW38					
GW 38561		1	700		195
GW40					
GW 40001		24	864	2-19-24	586
GW 40003		24	384	2-19-24	586
GW 40004		6	120	2-19-24	586
GW 40005		8	200	2-19-24	586
GW 40006		6	96	2-19-24	586
GW 40007		6	96	2-19-24	586
GW 40008		4	64	2-19-24	586
GW 40009		4	64	2-19-24	586
GW 40022		84	2520	2-19-24	588
GW 40022		84	2520	2-19-24	607
GW 40023		36	1800	2-19-24	588
GW 40023		36	1800	2-19-24	607
GW 40023		36	1800	2-19-24	616
GW 40024		34	1020	2-19-24	588
GW 40024		34	1020	2-19-24	607
GW 40025		24	384	24	607
GW 40026		24	600	2-19-24	588
GW 40026		24	600	2-19-24	616
GW 40027		12	192	2-19-24	588
GW 40027		12	192	2-19-24	607
GW 40028		12	300	2-19-24	588
GW 40029		12	144	2-19-24	588
GW 40029		12	144	2-19-24	607
GW 40030		12	240	2-19-24	588
GW 40031		9	108	2-19-24	588
GW 40031		9	108	2-19-24	607
GW 40032		9	108	2-19-24	588
GW 40043		14	490	2-19-24	587
GW 40044		9	180	2-19-24	587
GW 40045		9	270	2-19-24	587
GW 40046		6	96	2-19-24	587
GW 40047		6	180	2-19-24	587
GW 40048		2	40	2-19-24	587
GW 40049		2	70	2-19-24	587
GW 40051		2	60	2-19-24	587
GW 40053		1	24	2-19-24	587
GW 40082		1/14	84		607
GW 40084		1/9	72		607
GW 40086		1/6	0		607
GW 40088		1/2	0		607
GW 40090		1/2	40		607
GW 40092		1	0		607
GW 40101		19	570	2-19-24	585
GW 40101		19	570	2-19-24	607
GW 40102		12	360	2-19-24	585
GW 40103		6	150	2-19-24	349
GW 40103		6	150	2-19-24	585
GW 40104		3	105	2-19-24	585
GW 40105		2	60	2-19-24	585
GW 40106		3	105	2-19-24	585
GW 40107		2	70	2-19-24	585
GW 40108		1	30	2-19-24	585

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		PACK/ CARTON	PALLET		
GW 40109		1	24	2-19-24	585
GW 40112		1/12	0		607
GW 40113		6	72	2-19	607
GW 40114		3	60	2-19	607
GW 40115		2	40	2-19	607
GW 40116		1/6	0		607
GW 40117		1/2	0		607
GW 40118		1	0		607
GW 40119		1	0		607
GW 40123		6	72	2-19	607
GW 40124		3	60	2-19	607
GW 40125		2	40	2-19	607
GW 40151		2	80	2-6-19	610
GW 40152		2	48	2-6-19	610
GW 40153		2	40	2-6-19	610
GW 40154		2	36	2-6-19	610
GW 40161		2	80	2-6-19	601
GW 40161		2	80	2-6-19	610
GW 40161		2	80	2-6-19	646
GW 40162		2	48	2-6-19	601
GW 40162		2	48	2-6-19	610
GW 40162		2	48	2-6-19	646
GW 40163		2	40	2-6-19	601
GW 40163		2	40	2-6-19	610
GW 40163		2	40	2-6-19	646
GW 40164		2	36	2-6-19	601
GW 40164		2	36	2-6-19	610
GW 40164		2	36	2-6-19	646
GW 40225 TB		16	320	2	594
GW 40225 TN		16	256	2	594
GW 40225 VA		16	256	2	594
GW 40225 VT		16	192	2	594
GW 40227 TB		12	144	2	595
GW 40227 TN		12	144	2	595
GW 40227 VA		12	144	2	595
GW 40227 VT		12	144	2	595
GW 40229 TB		12	192	2	594
GW 40229 TN		12	144	2	594
GW 40229 VA		12	144	2	594
GW 40229 VT		12	144	2	594
GW 40231 TB		5	80	2	595
GW 40231 TN		5	80	2	595
GW 40231 VA		5	80	2	595
GW 40231 VT		5	80	2	595
GW 40233 TB		5	150	2	594
GW 40233 TN		5	100	2	594
GW 40233 VA		5	80	2	594
GW 40233 VT		5	80	2	594
GW 40237 TB		12	360	2	594
GW 40237 TN		12	144	2	594
GW 40237 VA		12	360	2	594
GW 40237 VT		12	360	2	594
GW 40239 TB		5	100	2	594
GW 40239 TN		5	60	2	594
GW 40239 VA		5	60	2	594
GW 40239 VT		5	60	2	594
GW 40241 TB		5	20	2	595
GW 40241 TN		5	20	2	595
GW 40241 VA		5	20	2	595
GW 40241 VT		5	20	2	595
GW 40251		1/2	64	19	597



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		PACK/ CARTON	PALLET		
GW 40256		1/2	24	19	597
GW 40261		1/2	40		597
GW 40266		1/2	40		597
GW 40271		1/2	64	19	597
GW 40276		1/2	24	19	597
GW 40331		10	160	19	606
GW 40332		10	160	19	606
GW 40336		10	150	19	606
GW 40337		6	144	19	606
GW 40338		10	160	19	606
GW 40339		6	144	19	606
GW 40340		30	720	19	606
GW 40401		20	2560	19-24	301
GW 40401		20	2560	19-24	323
GW 40401		20	2560	19-24	589
GW 40401		20	2560	19-24	603
GW 40401		20	2560	19-24	608
GW 40402		20	2240	19-24	301
GW 40402		20	2240	19-24	323
GW 40402		20	2240	19-24	589
GW 40402		20	2240	19-24	603
GW 40402		20	2240	19-24	608
GW 40404		20	1200	19	589
GW 40404		20	1200	19	603
GW 40404		20	1200	19	608
GW 40421		10/100	40000	19	590
GW 40421		10/100	40000	19	604
GW 40421		10/100	40000	19	608
GW 40422		1/10	1100	19	300
GW 40422		1/10	1100	19	323
GW 40422		1/10	1100	19	590
GW 40422		1/10	1100	19	604
GW 40422		1/10	1100	19	608
GW 40422		1/10	1100	19	614
GW 40422		1/10	1100	19	616
GW 40422		1/10	1100	19	654
GW 40423		50	6400	19	571
GW 40423		50	6400	19	580
GW 40423		50	6400	19	590
GW 40423		50	6400	19	604
GW 40423		50	6400	19	608
GW 40423		50	6400	19	643
GW 40423		50	6400	19	655
GW 40425		10	3120	19	602
GW 40428		1/20	840	19	608
GW 40451		20	1440	19	603
GW 40451		20	1440	19	611
GW 40451		20	1440	19	646
GW 40452		20	1440	19	603
GW 40452		20	1440	19	611
GW 40452		20	1440	19	646
GW 40453		20	1440	19	603
GW 40453		20	1440	19	611
GW 40453		20	1440	19	646
GW 40456		50	6000	19	603
GW 40456		50	6000	19	611
GW 40456		50	6000	19	646
GW 40457		50	3600	19	603
GW 40457		50	3600	19	611
GW 40457		50	3600	19	646
GW 40458		30	1080	19	603

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 40458		30	1080	19	611
GW 40458		30	1080	19	646
GW 40459		20	600	19	603
GW 40459		20	600	19	611
GW 40459		20	600	19	646
GW 40460		50	3600	19	603
GW 40460		50	3600	19	611
GW 40460		50	3600	19	646
GW 40461		20	1400	19	603
GW 40461		20	1400	19	611
GW 40461		20	1400	19	646
GW 40463		1/10	3120	19	604
GW 40463		1/10	3120	19	611
GW 40463		1/10	3120	19	646
GW 40467		50	6400		590
GW 40467		50	6400		604
GW 40467		50	6400		608
GW 40467		50	6400		615
GW 40467		50	6400		646
GW 40467 TB		50	6400		602
GW 40467 TN		50	6400		602
GW 40467 VA		50	6400		602
GW 40467 VT		50	6400		602
GW 40468		50	0		604
GW 40473		20	320	19	589
GW 40473		20	320	19	608
GW 40474		20	420	19	589
GW 40474		20	420	19	608
GW 40479		5	240	19	602
GW 40487		10/100	2800	19	589
GW 40487		10/100	2800	19	603
GW 40487		10/100	2800	19	608
GW 40488		10/100	1800	19	589
GW 40488		10/100	1800	19	603
GW 40488		10/100	1800	19	608
GW 40492		20	800	19	589
GW 40492		20	800	19	608
GW 40493		20	400	19	589
GW 40493		20	400	19	608
GW 40495		20	800	19	603
GW 40496		20	400	19	603
GW 40501		8	144	7-19	613
GW 40502		4	128	7-19	613
GW 40503		4	60	7-19	613
GW 40504		2	50	7-19	613
GW 40511		4	96	7-19	613
GW 40512		3	60	7-19	613
GW 40513		4	96	7-19	613
GW 40514		3	0	7-19	613
GW 40515		4	144	7-19	613
GW 40516		8	160	19	613
GW 40517		4	240	19	613
GW 40518		4	192	19	613
GW 40519		2	72	19	613
GW 40526		8	960	19	613
GW 40527		4	576	19	613
GW 40528		4	288	19	613
GW 40529		2	144	19	613
GW 40530		8	576	19	614
GW 40531		8	96	19	614
GW 40532		4	96	19	614



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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 40533		4	48	19	614
GW 40534		2	44	19	614
GW 40536		8	96	19	614
GW 40537		4	80	19	614
GW 40538		4	48	19	614
GW 40539		2	40	19	614
GW 40541		4	64	19	614
GW 40542		4	72	19	614
GW 40546		20	6240	19	613
GW 40552		1	9	19	614
GW 40553		1	12	19	614
GW 40554		1	9	19	614
GW 40555		1	8	19	614
GW 40557		1	52	19	614
GW 40558		1	36	19	614
GW 40559		1	30	19	614
GW 40560		1	18	19	614
GW 40591		20	1920		614
GW 40592		20	1920		614
GW 40593		20	2560		614
GW 40594		20	2560		614
GW 40601		60	1200	2-19-24	598
GW 40602		36	576	2-19-24	598
GW 40603		21	336	2-19-24	598
GW 40604		12	360	2-19-24	598
GW 40605		8	200	2-19-24	598
GW 40606		6	120	2-19-24	598
GW 40608		4	80	2-19-24	598
GW 40609		3	60	2-19-24	598
GW 40610		2	48	2-19-24	598
GW 40611		1	24	2-19-24	598
GW 40655		18	288	2-19	600
GW 40656		8	160	2-19	600
GW 40657		8	160	2-19	600
GW 40658		6	96	2-19	600
GW 40659		6	150	2-19	600
GW 40660		3	72	2-19	600
GW 40661		3	60	2-19	600
GW 40671		12	240		602
GW 40673		16	128		602
GW 40674		12	96		602
GW 40677		5	120		602
GW 40679		5	80		602
GW 40801		1/2	24	19	596
GW 40806		1/2	24		596
GW 40811		1/2	24	19	596
GW 40821		1/2	24	19	596
GW 40826		1/2	12		596
GW 40831		1/2	12	19	596
GW 40841		12	72	19	616
GW 40842		9	180	19	616
GW 40843		8	128	19	616
GW 40844		4	40	19	616
GW 40845		4	72	19	616
GW 40851		20	720	19	616
GW 40861		20	2560	19	616
GW 40862		20	800	19	616
GW 40863		20	800	19	616
GW 40864		20	800	19	616
GW 40871		10/100	4000	19	616
GW 40872		1/50	1650	19	616

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 40882		36	576	2-19	599
GW 40883		21	336	2-19	599
GW 40884		12	240	2-19	599
GW 40885		8	128	2-19	599
GW 40886		6	90	2-19	599
GW 40888		4	80	2-19	599
GW 40889		3	45	2-19	599
GW 40890		2	48	2-19	599
GW 40891		1	19	2-19	599
GW 40981 TB		1/2	80	2	597
GW 40981 VA		1/2	80	2	597
GW 40981 VT		1/2	80	2	597
GW 40991 TB		1/2	64	2	597
GW 40991 VA		1/2	64	2	597
GW 40991 VT		1/2	64	2	597

GW42					
GW 42001		32	1024	2-19-24-25	659
GW 42002		44	704	2-19-24	659
GW 42003		32	512	2-19-24	659
GW 42004		16	512	2-19-24	659
GW 42005		21	336	2-19-24	659
GW 42006		16	256	2-19-24	659
GW 42007		10	160	2-19-24	659
GW 42008		10	250	2-19-24	659
GW 42009		8	128	2-19-24	659
GW 42010		5	80	2-19-24	659
GW 42201		1/10	1000	2-19-24-25	652
GW 42202		1/10	200	2-19-24-25	652
GW 42203		1/10	200	2-19-24	653
GW 42204		1/10	160	19	652
GW 42206		1/10	400	19	652
GW 42207		1/10	160	19	652
GW 42208		1/10	200	2-19-24	652
GW 42211		1/10	1280	19	654
GW 42212		1/10	1280	2-19	654
GW 42213		1/10	3120	19	654
GW 42214		1/10	1440	19	654
GW 42216		1/10	1600		654
GW 42231		1/10	240	19	653
GW 42232		1/10	200	19	653

GW43					
GW 43021 S		1	50	6	609
GW 43022 S		1	60	6	609
GW 43023 S		1	60	6	609
GW 43024 S		1	18	6	609
GW 43040 S		100	31200		612
GW 43041 S		1	0		611
GW 43042 S		2/20	6240		611
GW 43044 S		10/100	3600		612
GW 43045 S		10	0		611
GW 43047 S		1	0		610
GW 43048 S		1	0		610
GW 43049 S		1	0		610
GW 43052 S		1/10	1280		612
GW 43055 S		1	0		610
GW 43056 S		1	16		610
GW 43057 S		1/5	10		610
GW 43058 S		1	0		610
GW 43071 S		1/5	250		610



①=May 2010

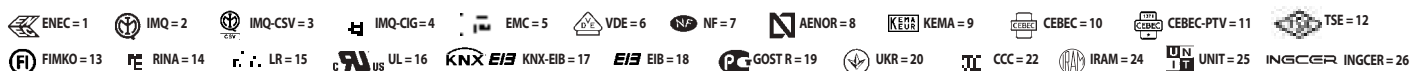
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CODE	UM	QUANTITY		MARKS	PAGE
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GW 43073 S		1/5	240		610
GW 43074 S		1/5	80		610
GW 43081 S		1	16		610
GW 43082 S		1	16		610
GW 43083 S		1	20		610
GW 43085 S		1	6		610
GW 43101 S		1	80		610
GW 43102 S		1	80		610
GW 43103 S		1	80		610
GW 43104 S		1	80		610
GW 43111 S		1	0		611
GW 43112 S		1	32		611
GW 43113 S		1	20		611
GW 43114 S		1	6		611
GW 43120 S		1/40	1600		611
GW 43121 S		10/100	0		611
GW 43122 S		10/100	0		612
GW 43901		1/4	72		615
GW 43902		1/4	72		615
GW 43903		1/4	72		615
GW 43904		1/4	72		615
GW 43911		1/4	72		615
GW 43912		1/4	72		615
GW 43921		1/4	72		615

GW44					
CODE	UM	PACK/ CARTON	PALLET	MARKS	PAGE
GW 44001		5/280	8400	2-19-24-25	622
GW 44002		5/135	4725	2-19-24-25	622
GW 44003		5/90	4050	2-19-24-25	622
GW 44004		66	1980	2-19-24-25	622
GW 44005		66	1320	2-19-24-25	622
GW 44006		40	1000	2-19-24-25	622
GW 44007		24	600	2-19-24-25	622
GW 44008		12	300	2-19-24-25	622
GW 44009		6	150	2-19-24-25	622
GW 44010		4	100	2-19-24-25	622
GW 44011		3	36	2-19-24-25	622
GW 44024		66	1980	2-19	622
GW 44026		40	1000	2-19	622
GW 44051		5/280	5600	2-14-19	624
GW 44051 R		5/280	5600	2-14-19	624
GW 44052		5/135	2700	2-14-19	624
GW 44053		5/90	2520	2-14-19	624
GW 44053 R		5/90	2520	2-14-19	624
GW 44054		66	1320	2-14-19	624
GW 44054 R		66	1320	2-14-19	624
GW 44055		66	1320	2-14-19	625
GW 44056		40	800	2-14-19	624
GW 44056 R		40	640	2-14-19	624
GW 44057		24	384	2-14-19	625
GW 44058		12	192	2-14-19	625
GW 44059		6	96	2-14-19	625
GW 44060		4	64	2-14-19	625
GW 44061		3	36	2-14-19	625
GW 44204		105	2625	2-19-24-25	623
GW 44205		91	2730	2-19-24-25	623
GW 44206		50	1250	2-19-24-25	623
GW 44207		30	750	2-19-24-25	623
GW 44208		14	350	2-19-24-25	623
GW 44209		6	180	2-19-24-25	623

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 44210		4	100	2-19-24-25	623
GW 44211		3	75	2-19-24-25	623
GW 44214		45	900	2-19-24-25	623
GW 44215		55	880	2-19-24-25	623
GW 44216		24	384	2-19-24-25	623
GW 44217		16	288	2-19-24-25	623
GW 44218		12	240	2-19-24-25	623
GW 44219		7	140	2-19-24-25	623
GW 44220		3	75	2-19-24-25	623
GW 44221		2	50	2-19-24-25	623
GW 44234		105	2625	2-19	623
GW 44236		50	1250	2-19	623
GW 44254		45	360	19	625
GW 44255		55	0	19	625
GW 44256		24	96	19	625
GW 44257		16	240	19	625
GW 44258		12	144	19	625
GW 44259		7	84	19	625
GW 44260		3	48	19	625
GW 44261		2	32	19	625
GW 44274		105	420	2-14-19	625
GW 44275		91	728	2-14-19	625
GW 44276		50	800	2-14-19	625
GW 44277		30	480	2-14-19	625
GW 44278		14	224	2-14-19	625
GW 44279		6	120	2-14-19	625
GW 44280		4	64	2-14-19	625
GW 44281		3	48	2-14-19	625
GW 44404		108	1728	2-19-24	626
GW 44405		108	1728	2-19-24	626
GW 44406		50	800	2-19-24	626
GW 44407		32	512	2-19-24	626
GW 44408		14	224	2-19-24	626
GW 44409		6	120	2-19-24	626
GW 44410		4	64	2-19-24	626
GW 44411		3	48	2-19-24	626
GW 44414		45	360	2-19-24	626
GW 44415		55	220	2-19-24	626
GW 44416		24	384	2-19-24	626
GW 44417		16	240	2-19-24	626
GW 44418		12	144	2-19-24	626
GW 44419		7	84	2-19-24	626
GW 44420		3	48	2-19-24	626
GW 44421		2	32	2-19-24	626
GW 44426		50	800	2-19-24-25	627
GW 44427		32	512	2-19-24-25	627
GW 44428		14	224	2-19-24-25	627
GW 44429		6	120	2-19-24-25	627
GW 44430		4	64	2-19-24-25	627
GW 44431		3	48	2-19-24-25	627
GW 44436		24	384	2-19-24-25	627
GW 44437		16	240	2-19-24-25	627
GW 44438		12	144	2-19-24-25	627
GW 44439		7	84	2-19-24-25	627
GW 44440		3	48	2-19-24-25	627
GW 44441		2	32	2-19-24-25	627
GW 44601		10/480	14400	19	665
GW 44602		10/240	7200	19	665
GW 44603		10/160	4800	19	665
GW 44604		10/120	2160	19	665
GW 44605		3/36	1080	19	665



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		PACK/ CARTON	PALLET		
GW 44606		10/100	7000	19	666
GW 44607		10/100	7000	19	666
GW 44608		10/100	7000	19	666
GW 44609		10/100	4000	2-19	666
GW 44610		10/100	4000	2-19	666
GW 44611		10/100	2800	2-19	666
GW 44612		10/100	2000	2-19	666
GW 44613		1/10	1280	2-19	666
GW 44614		1/10	1280	2-19	666
GW 44615		20	3040	2-19	628
GW 44615		20	3040	2-19	660
GW 44616		20	1400	2-19	628
GW 44616		20	1400	2-19	660
GW 44617		20	1300	19	628
GW 44617		20	1300	19	660
GW 44618		5	430	2-19	628
GW 44619		5	280	2-19	628
GW 44620		10/160	2560	19	628
GW 44621		40/480	13440	19	571
GW 44621		40/480	13440	19	589
GW 44621		40/480	13440	19	608
GW 44621		40/480	13440	19	617
GW 44621		40/480	13440	19	628
GW 44621		40/480	13440	19	655
GW 44622		10/100	14400	19	615
GW 44622		10/100	14400	19	628
GW 44622		10/100	14400	19	655
GW 44622		10/100	14400	19	680
GW 44623		10/100	12800	19	590
GW 44623		10/100	12800	19	608
GW 44623		10/100	12800	19	617
GW 44623		10/100	12800	19	628
GW 44623		10/100	12800	19	655
GW 44625		20	2560	2-19	628
GW 44625		20	2560	2-19	660
GW 44626		20	1400	2-19	323
GW 44626		20	1400	2-19	628
GW 44626		20	1400	2-19	660
GW 44627		20	1200	2-19	323
GW 44627		20	1200	2-19	628
GW 44627		20	1200	2-19	660
GW 44628		4	320	2-19	323
GW 44628		4	320	2-19	628
GW 44629		5	430	2-19	628
GW 44636		20	1620	2-19	570
GW 44637		20	1200	2-19	570
GW 44638		5	280	2-19	570
GW 44639		5	400	2-19	570
GW 44646		20	1400	2-19	570
GW 44647		20	1200	2-19	570
GW 44648		4	320	2-19	570
GW 44649		5	360	2-19	570
GW 44651		1/5	640	19	236
GW 44651		1/5	640	19	581
GW 44651		1/5	640	19	668
GW 44652		1/25	11550	19	236
GW 44652		1/25	11550	19	581
GW 44652		1/25	11550	19	668
GW 44661		10/450	13500	2-19	665
GW 44662		10/450	10800	2-19	665
GW 44663		10/300	3600	2-19	665

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		PACK/ CARTON	PALLET		
GW 44664		10/240	8640	2-19	665
GW 44665		10/450	12150	2-19	665
GW 44666		5/150	6750	2-19	665
GW 44667		5/150	6750	2-19	665
GW 44671		10/100	7000	2-19	636
GW 44671		10/100	7000	2-19	667
GW 44672		10/100	7000	2-19	636
GW 44672		10/100	7000	2-19	667
GW 44673		10/50	4400	2-19	636
GW 44673		10/50	4400	2-19	667
GW 44674		10/50	3500	2-19	636
GW 44674		10/50	3500	2-19	667
GW 44675		5/25	2750	2-19	636
GW 44675		5/25	2750	2-19	667
GW 44676		1/10	1100	19	636
GW 44676		1/10	1100	19	667
GW 44681		100	16000	19	636
GW 44681		100	16000	19	667
GW 44682		200	62400	19	636
GW 44682		200	62400	19	667
GW 44683		1/50	2000	19	642
GW 44683		1/50	2000	19	667
GW 44691		2/20	2000	2-19	236
GW 44691		2/20	2000	2-19	581
GW 44691		2/20	2000	2-19	668
GW 44693		1/10	1000	2-19	236
GW 44693		1/10	1000	2-19	581
GW 44693		1/10	1000	2-19	668
GW 44696		2/20	1200	2-19	237
GW 44696		2/20	1200	2-19	581
GW 44696		2/20	1200	2-19	668
GW 44698		1/10	560	2-19	237
GW 44698		1/10	560	2-19	581
GW 44698		1/10	560	2-19	668
GW 44699		1/6	216	2-19	237
GW 44699		1/6	216	2-19	581
GW 44699		1/6	216	2-19	668
GW 44700		1	60	19	236
GW 44700		1	60	19	581
GW 44704		10/100	7000	2	636
GW 44704		10/100	7000	2	667
GW 44706		10/100	7000	2	636
GW 44706		10/100	7000	2	667
GW 44708		10/100	5000	2	636
GW 44708		10/100	5000	2	667
GW 44720		1/50	2000	2-19	636
GW 44720		1/50	2000	2-19	667
GW 44808		4	120	2-19-24	570
GW 44809		4	80	2-19-24	570
GW 44810		2	50	2-19-24	570
GW 44811		2	24	2-19-24	570
GW 44818		4	120	2-19-24	570
GW 44819		4	80	2-19-24	570
GW 44820		2	40	2-19-24	570
GW 44821		2	24	2-19-24	570
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GW 44853		8	96	19	570
GW 44854		8	96	19	570
GW 44855		8	192	19	570



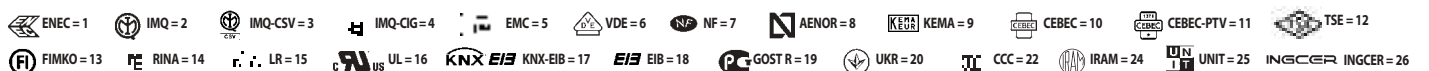
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CODE	UM	QUANTITY		MARKS	PAGE
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GW 45005		1	8		171
GW 45007		1	10		171
GW 45008		1	9		171
GW 45009		1	9		171
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GW 45015		1	8		171
GW 45017		1	7		171
GW 45018		1	8		171
GW 45019		1	8		171
GW 45024		1	36		171
GW 45025		1	36		171
GW 45027		1	40		171
GW 45028		1	40		171
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GW 45034		1	30		173
GW 45035		1	36		173
GW 45037		1	43		173
GW 45038		1	43		173
GW 45039		1	42		173
GW 45047		1	15		173
GW 45048		1	15		173
GW 45049		1	15		173
GW 45054		1	6		187
GW 45055		1	6		187
GW 45057		1	4		187
GW 45058		1	4		187
GW 45059		1	4		187
GW 45064		1	5		187
GW 45065		1	5		187
GW 45067		1	4		187
GW 45068		1	4		187
GW 45069		1	4		187
GW 45074		1	42		187
GW 45075		1	42		187
GW 45077		1	60		188
GW 45078		1	60		188
GW 45079		1	60		188
GW 45084		1	26		189
GW 45085		1	26		189
GW 45087		1	30		189
GW 45088		1	26		189
GW 45089		1	26		189
GW 45097		1	8		189
GW 45098		1	8		189
GW 45099		1	8		189
GW 45104		1	8		172
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GW 45107		1	10		172
GW 45108		1	10		172
GW 45109		1	10		172
GW 45114		1	8		172
GW 45115		1	7		172
GW 45117		1	8		172
GW 45118		1	8		172
GW 45119		1	8		172
GW 45124		1	8		172
GW 45125		1	8		172
GW 45127		1	11		172
GW 45128		1	11		172

CODE	UM	QUANTITY		MARKS	PAGE
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GW 45134		1	8		172
GW 45135		1	8		172
GW 45137		1	9		172
GW 45138		1	9		172
GW 45139		1	9		172
GW 45147		1	19		173
GW 45148		1	19		173
GW 45149		1	18		173
GW 45154		1	8		188
GW 45155		1	8		188
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GW 45158		1	10		188
GW 45159		1	10		188
GW 45164		1	8		188
GW 45165		1	8		188
GW 45167		1	8		188
GW 45168		1	8		188
GW 45169		1	8		188
GW 45174		1	14		188
GW 45175		1	14		188
GW 45177		1	11		188
GW 45178		1	11		188
GW 45179		1	11		188
GW 45184		1	14		188
GW 45185		1	8		188
GW 45187		1	8		188
GW 45188		1	8		188
GW 45189		1	8		188
GW 45197		1	11		189
GW 45198		1	16		189
GW 45199		1	16		189
GW 45201		1	144		174
GW 45201		1	144		190
GW 45202		1	140		174
GW 45202		1	140		190
GW 45203		1	80		174
GW 45203		1	80		190
GW 45204		1	32		174
GW 45204		1	32		190
GW 45206		1	140		174
GW 45206		1	140		190
GW 45207		1	100		174
GW 45207		1	100		190
GW 45208		1	45		174
GW 45208		1	45		190
GW 45209		1	12		174
GW 45209		1	12		190
GW 45236		1	36		174
GW 45236		1	36		190
GW 45237		1	48		174
GW 45237		1	48		190
GW 45238		1	48		174
GW 45238		1	48		190
GW 45243		1	102		174
GW 45243		1	102		190
GW 45244		1	102		174
GW 45244		1	102		190
GW 45245		1	84		174
GW 45245		1	84		190
GW 45246		1	96		174



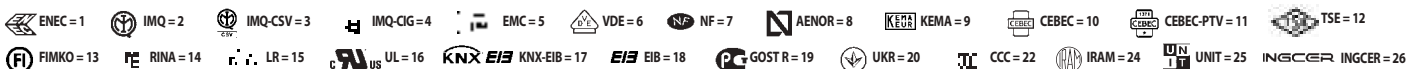
①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
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GW 45247		1	96		174
GW 45247		1	96		190
GW 45248		1	84		175
GW 45248		1	84		191
GW 45249		1	96		175
GW 45249		1	96		191
GW 45251		1	36		175
GW 45251		1	36		192
GW 45252		1	22		175
GW 45252		1	22		192
GW 45253		1	44		175
GW 45253		1	44		192
GW 45254		1	33		175
GW 45254		1	33		192
GW 45256		1	44		175
GW 45256		1	44		192
GW 45257		1	22		175
GW 45257		1	22		192
GW 45261		1	42		175
GW 45261		1	42		191
GW 45262		1	49		175
GW 45262		1	49		191
GW 45263		1	30		175
GW 45263		1	30		191
GW 45264		1	105		175
GW 45264		1	105		191
GW 45265		1	48		175
GW 45265		1	48		191
GW 45266		1	105		175
GW 45266		1	105		191
GW 45267		1	105		175
GW 45267		1	105		191
GW 45268		1	91		175
GW 45268		1	91		191
GW 45271		1	56		174
GW 45271		1	56		190
GW 45272		1	56		174
GW 45272		1	56		190
GW 45273		1	56		174
GW 45273		1	56		190
GW 45274		1	70		174
GW 45274		1	70		190
GW 45275		1	48		174
GW 45275		1	48		190
GW 45276		1	40		174
GW 45276		1	40		190
GW 45277		1	60		174
GW 45277		1	60		190
GW 45278		1	48		174
GW 45278		1	48		190
GW 45281		1	56		175
GW 45281		1	56		191
GW 45282		1	56		175
GW 45282		1	56		191
GW 45283		1	56		175
GW 45283		1	56		191
GW 45284		1	84		175
GW 45284		1	84		191
GW 45285		1	48		175
GW 45285		1	48		191

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
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GW 45286		1	20		191
GW 45287		1	40		175
GW 45287		1	40		191
GW 45288		1	40		175
GW 45288		1	40		191
GW 45289		1	60		175
GW 45289		1	60		191
GW 45290		1	48		175
GW 45290		1	48		191
GW 45291		1	256		174
GW 45291		1	256		190
GW 45292		1	180		174
GW 45292		1	180		190
GW 45293		1	144		174
GW 45293		1	144		190
GW 45298		1	80		175
GW 45298		1	80		192
GW 45299		1	60		175
GW 45299		1	60		192
GW 45301		1	450		176
GW 45301		1	450		192
GW 45302		1	220		176
GW 45302		1	220		192
GW 45303		1	200		176
GW 45303		1	200		192
GW 45304		1	175		176
GW 45304		1	175		192
GW 45305		1	100		176
GW 45305		1	100		192
GW 45306		1	100		176
GW 45306		1	100		192
GW 45307		1	50		176
GW 45307		1	50		192
GW 45321		1	350		176
GW 45321		1	350		192
GW 45322		1	200		176
GW 45322		1	200		192
GW 45323		1	175		176
GW 45323		1	175		192
GW 45324		1	150		176
GW 45324		1	150		192
GW 45325		1	100		176
GW 45325		1	100		192
GW 45326		1	75		176
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GW 45327		1	50		176
GW 45327		1	50		192
GW 45341		1	640		176
GW 45341		1	640		192
GW 45342		1	360		176
GW 45342		1	360		192
GW 45343		1	280		176
GW 45343		1	280		192
GW 45344		1	200		176
GW 45344		1	200		192
GW 45345		1	160		176
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GW 45346		1	160		176
GW 45346		1	160		192
GW 45347		1	80		176



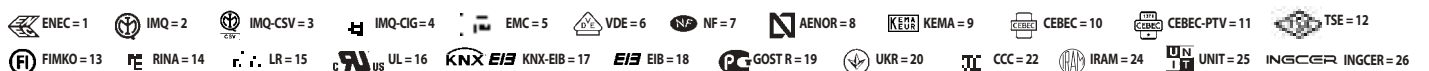
①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
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GW 45348		1	60		176
GW 45348		1	60		192
GW 45352		1	48		173
GW 45352		1	48		189
GW 45353		1	48		173
GW 45353		1	48		189
GW 45354		1	48		173
GW 45354		1	48		189
GW 45362		1	200		176
GW 45362		1	200		193
GW 45367		1	150		176
GW 45367		1	150		193
GW 45374		1	132		176
GW 45374		1	132		192
GW 45379		1	125		176
GW 45379		1	125		192
GW 45381		1	80		235
GW 45382		1	60		235
GW 45394		1	42		187
GW 45395		1	42		187
GW 45397		1	60		188
GW 45398		1	13		188
GW 45399		1	60		188
GW 45401		1	250		178
GW 45401		1	250		194
GW 45402		1	200		178
GW 45402		1	200		194
GW 45406		1	480		178
GW 45406		1	480		194
GW 45411		1	320		179
GW 45411		1	320		195
GW 45412		1	320		179
GW 45412		1	320		195
GW 45416		1	220		179
GW 45416		1	220		195
GW 45417		1	220		179
GW 45417		1	220		195
GW 45421		1	160		178
GW 45421		1	160		194
GW 45422		1	100		178
GW 45422		1	100		194
GW 45423		1	100		178
GW 45423		1	100		194
GW 45431		1	120		178
GW 45431		1	120		194
GW 45432		1	90		178
GW 45432		1	90		194
GW 45433		1	50		178
GW 45433		1	50		194
GW 45444		1	160		178
GW 45445		1	140		178
GW 45447		1	140		178
GW 45448		1	140		178
GW 45449		1	140		178
GW 45451		1	160		178
GW 45452		1	140		178
GW 45453		1	100		194
GW 45454		1	80		194
GW 45457		1	72		194
GW 45458		1	48		194

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 45459		1	48		194
GW 45467		1	140		178
GW 45468		1	140		178
GW 45469		1	30		178
GW 45474		1	48		194
GW 45475		1	48		194
GW 45477		1	72		194
GW 45478		1	48		194
GW 45479		1	48		194
GW 45504		1	60		179
GW 45505		1	60		179
GW 45507		1	84		179
GW 45508		1	84		179
GW 45509		1	84		179
GW 45511		1	108		179
GW 45512		1	84		179
GW 45513		1	60		179
GW 45516		1	440		180
GW 45516		1	440		196
GW 45517		1	200		180
GW 45517		1	200		196
GW 45518		1	250		180
GW 45518		1	250		196
GW 45519		1	250		180
GW 45519		1	250		196
GW 45521		1	550		179
GW 45521		1	550		195
GW 45526		1	550		179
GW 45526		1	550		195
GW 45527		1	1000		179
GW 45527		1	1000		195
GW 45528		1	0		179
GW 45528		1	0		195
GW 45531		1	250		179
GW 45532		1	312		177
GW 45532		1	312		193
GW 45533		1/10	12800		195
GW 45534		1	800		180
GW 45534		1	800		196
GW 45535		1	400		180
GW 45535		1	400		196
GW 45536		1	550		180
GW 45537		1	0		180
GW 45538		1	0		180
GW 45539		1	0		236
GW 45541		1	40		236
GW 45542		1	30		236
GW 45543		1	20		236
GW 45544		1	20		236
GW 45551		1	400		240
GW 45552		1	400		240
GW 45553		1	400		240
GW 45554		1	400		240
GW 45555		1	400		240
GW 45556		1	400		240
GW 45557		1	400		240
GW 45558		1	400		240
GW 45561		1	280		240
GW 45562		1	70		240
GW 45563		1	80		240
GW 45573		1	14		240



①=May 2010

②=June 2010

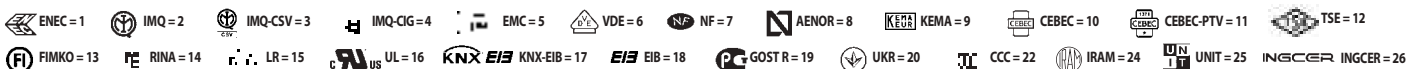
③=September 2010

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GW 45576		1	70		237
GW 45577		1	44		237
GW 45578		1	33		237
GW 45579		1	80		237
GW 45580		1	33		237
GW 45581		1	70		195
GW 45582		1	50		195
GW 45583		1	50		195
GW 45601		1	20		175
GW 45601		1	20		191
GW 45602		1	26		191
GW 45603		1	16		191
GW 45604		1	30		191

GW46

GW 46001		1	90	19	572
GW 46002		1	84	19	572
GW 46003		1	24	19	347
GW 46003		1	24	19	572
GW 46004		1	24	19	347
GW 46004		1	24	19	572
GW 46005		1	12	19	347
GW 46005		1	12	19	572
GW 46006		1	9	19	347
GW 46006		1	9	19	572
GW 46007		1	4	19	572
GW 46031		1	90	19	574
GW 46032		1	60	19	574
GW 46033		1	28	19	574
GW 46034		1	20	19	574
GW 46035		1	18	19	574
GW 46036		1	8	19	574
GW 46037		1	4	19	574
GW 46052		1	60	19	575
GW 46054		1	20	19	575
GW 46056		1	8	19	575
GW 46201		1	90	19	572
GW 46202		1	84	19	572
GW 46203		1	24	19	347
GW 46203		1	24	19	572
GW 46204		1	24	19	347
GW 46204		1	24	19	572
GW 46205		1	12	19	347
GW 46205		1	12	19	572
GW 46206		1	9	19	347
GW 46206		1	9	19	572
GW 46207		1	4	19	572
GW 46232		1	60	19	574
GW 46233		1	28	19	574
GW 46234		1	20	19	574
GW 46235		1	18	19	574
GW 46236		1	8	19	574
GW 46237		1	4	19	574
GW 46401		1/5	1500	19	578
GW 46402		1/5	720	19	578
GW 46403		1/5	450	19	578
GW 46404		1/5	400	19	578
GW 46405		1/4	164	19	578
GW 46406		1/3	120	19	578

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 46407		1	20	19	578
GW 46408		1/5	1350	19	578
GW 46409		1/5	720	19	578
GW 46410		1/5	400	19	578
GW 46411		1/4	288	19	578
GW 46412		1/3	138	19	578
GW 46413		1/2	80	19	578
GW 46414		1/5	120	19	576
GW 46415		1/4	168	19	576
GW 46416		1/5	80	19	576
GW 46417		1/2	120	19	576
GW 46418		1/2	108	19	576
GW 46419		1	13	19	576
GW 46420 F		1/10	640	19	576
GW 46421 F		1/10	360		347
GW 46421 F		1/10	360		576
GW 46422 F		1/10	240		347
GW 46422 F		1/10	240		576
GW 46423 F		1/5	180		347
GW 46423 F		1/5	180		576
GW 46424 F		1/5	90	19	576
GW 46425 F		1/10	1000	19	576
GW 46426 F		1/10	640		347
GW 46426 F		1/10	640		576
GW 46427 F		1/13	468		347
GW 46427 F		1/13	468		576
GW 46428 F		1/5	400		347
GW 46428 F		1/5	400		576
GW 46429 F		1/5	175	19	576
GW 46430 F		1/10	500	19	577
GW 46431 F		1/10	240		348
GW 46431 F		1/10	240		577
GW 46432 F		1/10	320		348
GW 46432 F		1/10	320		577
GW 46433 F		1/10	320		348
GW 46433 F		1/10	320		577
GW 46434 F		1/10	220	19	577
GW 46435 F		1/10	600	19	577
GW 46436 F		1/10	550		347
GW 46436 F		1/10	550		577
GW 46437 F		1/10	330		347
GW 46437 F		1/10	330		577
GW 46438 F		1/10	150		347
GW 46438 F		1/10	150		577
GW 46439 F		1/10	90	19	577
GW 46440		1/5	640	19	578
GW 46441		1/5	360	19	578
GW 46442		1/5	300	19	578
GW 46443		1/5	200	19	578
GW 46444		1/4	80	19	578
GW 46445		10	1100	2-19	348
GW 46445		10	1100	2-19	350
GW 46445		10	1100	2-19	571
GW 46445		10	1100	2-19	581
GW 46446		20	2560	19	322
GW 46446		20	2560	19	348
GW 46446		20	2560	19	349
GW 46446		20	2560	19	571
GW 46446		20	2560	19	579
GW 46447		1/10	200	19	156
GW 46447		1/10	200	19	164



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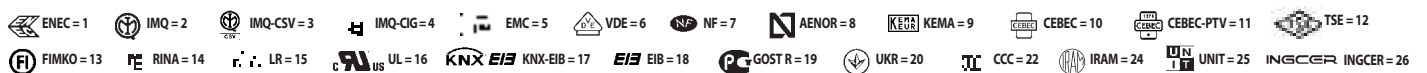
③=September 2010

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GW 46447		1/10	200	19	195
GW 46447		1/10	200	19	223
GW 46447		1/10	200	19	350
GW 46447		1/10	200	19	581
GW 46448		1/2	120	19	179
GW 46448		1/2	120	19	195
GW 46448		1/2	120	19	222
GW 46448		1/2	120	19	581
GW 46449		1/10	700	19	580
GW 46450		10/100	39000	19	579
GW 46451		20	2560	19	348
GW 46451		20	2560	19	349
GW 46451		20	2560	19	571
GW 46451		20	2560	19	579
GW 46461		1/5	1350	19	578
GW 46462		1/5	720	19	578
GW 46463		1/5	360	19	578
GW 46464		1/5	360	19	578
GW 46465		1/4	168	19	578
GW 46466		1/3	114	19	578
GW 46467		1/2	40	19	578
GW 46471		1/10	300	19	179
GW 46471		1/10	300	19	195
GW 46471		1/10	300	19	222
GW 46471		1/10	300	19	581
GW 46475 F		1/5	140	19	576
GW 46476 F		1/5	90	19	576
GW 46477 F		1/5	250	19	576
GW 46478 F		1/5	140	19	576
GW 46479 F		1	48	19	576
GW 46480		1/5	225	19	578
GW 46481		1/5	140	19	578
GW 46482		1/5	160	19	578
GW 46483		1/5	80	19	578
GW 46484		1/2	40	19	578
GW 46501		1/6	180	19	573
GW 46502		1/6	144	19	573
GW 46503		1/8	224	19	573
GW 46504		1/8	160	19	573
GW 46505		1	22	19	573
GW 46506		1	13	19	573
GW 46507		1	10	19	573
GW 46511		1/6	540	19	573
GW 46512		1/6	144	19	573
GW 46513		1/8	56	19	573
GW 46514		1/8	160	19	573
GW 46515		1	22	19	573
GW 46516		1	13	19	573
GW 46517		1	40	19	573
GW 46521 F		1/20	1740	19	580
GW 46522		10	3120	19	348
GW 46522		10	3120	19	571
GW 46522		10	3120	19	580
GW 46523		10	1560	19	348
GW 46523		10	1560	19	571
GW 46523		10	1560	19	580
GW 46524 F		1/4	812	19	579
GW 46530 F		1/10	400	19	577
GW 46531 F		1/10	160	19	577
GW 46532 F		1/10	240	19	577

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 46533 F		1/10	240	19	577
GW 46534 F		1/10	120	19	577
GW 46540		1/5	480	19	579
GW 46541		1/5	360	19	579
GW 46542		1/5	140	19	579
GW 46543		1/5	120	19	579
GW 46544		1/4	80	19	579
GW 46551		1	432	19	579
GW 46552		1	432	19	322
GW 46552		1	432	19	579
GW 46553		1	200	19	322
GW 46553		1	200	19	348
GW 46553		1	200	19	579
GW 46554		1	168	19	340
GW 46554		1	168	19	348
GW 46554		1	168	19	350
GW 46554		1	168	19	579
GW 46555		1	168	19	348
GW 46555		1	168	19	579
GW 46557 F		1/10	700	19	579
GW 46564		1/5	120	19	576
GW 46565		1/4	56	19	576
GW 46566		1/5	100	19	576
GW 46567		1/2	44	19	576
GW 46568		1/2	44	19	576
GW 46569		1	13	19	576
GW 46570 F		1	0	19	348
GW 46570 F		1	0	19	577
GW 46571 F		1	30	19	348
GW 46571 F		1	30	19	577
GW 46572 F		1	30	19	348
GW 46572 F		1	30	19	577
GW 46573 F		1	22	19	577
GW 46577 F		1	55	19	577
GW 46578 F		1	33	19	577
GW 46579 F		1	22	19	577
GW 46580		1/5	200	19	579
GW 46581		1/5	120	19	579
GW 46582		1/5	60	19	579
GW 46583		1/5	60	19	579
GW 46584		1/2	120	19	579
GW 46591		1/10	1100	19	348
GW 46591		1/10	1100	19	580
GW 46592 F		1/100	600	19	580

GW47

GW 47001 E		1	12	19	160
GW 47002 E		1	8	19	160
GW 47003 E		1	10	19	160
GW 47004 E		1	10	19	160
GW 47011 E		1	10	19	160
GW 47012 E		1	10	19	160
GW 47013 E		1	8	19	160
GW 47014 E		1	8	19	160
GW 47021 E		1	11	19	160
GW 47022 E		1	7	19	160
GW 47023 E		1	8	19	160
GW 47024 E		1	8	19	160
GW 47031 E		1	10	19	161
GW 47032 E		1	7	19	161
GW 47033 E		1	8	19	161



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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 47034 E		1	8	19	161
GW 47041 E		1	10	19	161
GW 47042 E		1	10	19	161
GW 47043 E		1	8	19	161
GW 47044 E		1	8	19	161
GW 47062 E		1	8	19	161
GW 47063 E		1	7	19	161
GW 47064 E		1	9	19	161
GW 47072		1	12	19	154
GW 47073		1	11	19	154
GW 47074		1	11	19	154
GW 47082		1	10	19	154
GW 47083		1	10	19	154
GW 47084		1	10	19	154
GW 47087		1	12	19	154
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GW 47111		1	9	19	156
GW 47111		1	9	19	165
GW 47112		1	10	19	156
GW 47112		1	10	19	165
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GW 47179		1/10	420	19	155
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GW 47181		1/10	480	19	163
GW 47182		1/10	240	19	163
GW 47183		1/10	240	19	163

CODE	UM	QUANTITY		MARKS	PAGE
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GW 47192		1/10	1440	19	156
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GW 47193		1/5	300	19	156
GW 47193		1/5	300	19	164
GW 47194 E		1/20	800	19	156
GW 47194 E		1/20	800	19	164
GW 47195		10/100	14400	19	156
GW 47195		10/100	14400	19	164
GW 47196		1/6	240	19	156
GW 47196		1/6	240	19	164
GW 47196		1/6	240	19	180
GW 47196		1/6	240	19	195
GW 47196		1/6	240	19	223
GW 47196		1/6	240	19	580
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GW 47198		1/10	150	19	165
GW 47201		1/5	120	19	234
GW 47202		1/5	60	19	234
GW 47204		1/5	35	19	234
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GW 47207		1	90	19	234
GW 47211		10/100	12800	19	234
GW 47213		10/100	5000	19	234
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GW 47220		10/100	28000	19	234
GW 47226		10/100	12800	19	234
GW 47228		10/100	5000	19	234
GW 47231		10/100	12800	19	234
GW 47233		10/100	5000	19	234
GW 47246		10/100	12800	19	234
GW 47248		10/100	5000	19	234
GW 47251		1/10	480	19	155
GW 47252		1/10	120	19	155
GW 47253		1/10	180	19	155
GW 47261		1/5	15	19	162
GW 47262		1/5	15	19	162
GW 47263		1/5	15	19	155
GW 47277		1/5	0	19	162
GW 47278		1/5	0	19	162
GW 47279		1/5	0	19	162
GW 47280		1/5	0	19	162
GW 47291		10	800	19	156
GW 47291		10	800	19	164
GW 47291		10	800	19	177
GW 47291		10	800	19	193
GW 47291		10	800	19	219
GW 47291		10	800	19	580
GW 47296		1/6	240	19	180
GW 47296		1/6	240	19	195
GW 47296		1/6	240	19	223
GW 47472		1/10	1280	19	195
GW 47473		1/10	120	19	195
GW 47491		1/10	3120	19	195
GW 47492		1	312	19	223
GW 47494		1	312	19	180

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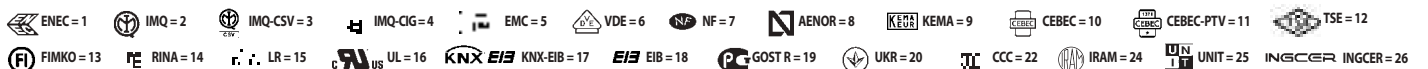
③=September 2010

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GW 47692		1/5	125	19	195
GW 47692		1/5	125	19	222
GW 47693		1/5	50	19	179
GW 47693		1/5	50	19	195
GW 47693		1/5	50	19	222

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GW 48002		114	2850	2-19-25	638
GW 48003		84	2100	2-19-25	638
GW 48004		64	1600	2-19-25	638
GW 48005		49	980	2-19-25	638
GW 48006		34	850	2-19-25	638
GW 48007		22	440	2-19-25	638
GW 48008		17	425	2-19-25	638
GW 48009		17	340	2-19-25	638
GW 48010		9	180	2-19-25	638
GW 48011		5	125	2-19-25	638
GW 48012		50/300	21000	2-19	635
GW 48012		50/300	21000	2-19	639
GW 48013		10/120	2880	2-19	639
GW 48014		10/100	2400	2-19	639
GW 48015		10/100	2000	2-19	639
GW 48016		10/100	4000	2-19	639
GW 48017		10/100	3600	2-19	635
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GW 48018		10/80	960	2-19	635
GW 48018		10/80	960	2-19	639
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GW 48020		10/40	360	2-19	639
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GW 48023		300/4200	0	19	635
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GW 48024		10/200	5600	19	642
GW 48026		5/25	700	19	602
GW 48026		5/25	700	19	642
GW 48051		10	3120		635
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GW 48085		1/8	192	19	639
GW 48086		1/10	200	19	635
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CODE	UM	QUANTITY		MARKS	PAGE
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GW 48106		1/30	450	2	635
GW 48107		1/21	420	2	635
GW 48108		1/14	210	2	635
GW 48109		1/12	240	2	635
GW 48110		1/7	140	2	635
GW 48111		1/5	100	2	635
GW 48207		8	200	2-19	637
GW 48211		6	120	2-19	637
GW 48227		4	100	2-19	637
GW 48231		4	64	2-19	637
GW 48247		1/15	420	2-19	637
GW 48251		1/10	200	2-19	637
GW 48267		1/10	80	2-19	637
GW 48271		1/5	40	2-19	637
GW 48405		2/60	960	2-19	639
GW 48405		2/60	960	2-19	647
GW 48611		1/70	490	19	642
GW 48612		1/25	500	19	642
GW 48613		1/40	240	19	642
GW 48621		1/30	1620	19	643
GW 48622		1/20	540	19	643
GW 48623		1/15	270	19	643
GW 48643		1/100	12800	19	602
GW 48643		1/100	12800	19	642
GW 48644		1/10	1280	19	604
GW 48644		1/10	1280	19	642
GW 48644		1/10	1280	19	654
GW 48645		1/100	7000	19	602
GW 48645		1/100	7000	19	642
GW 48645		1/100	7000	19	655
GW 48651		1/30	810	19	643
GW 48661		1/28	448	2-19	640
GW 48662		1/14	224	2-19	640
GW 48663		1/9	135	2-19	640
GW 48671		1/28	448	2-19	640
GW 48672		1/14	224	2-19	640
GW 48673		1/9	135	2-19	640
GW 48681		1/6	252	2-19-24	601
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GW 48682		1/4	96	2-19-24	601
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GW 48686		1/4	96	2-19-24	601
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GW 48691		1/28	448	2-19	640

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GW 49006		1	5	19	208
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GW 49008		1	5	19	208
GW 49009		1	2	19	208
GW 49011		1	28	19	208
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CODE	UM	QUANTITY		MARKS	PAGE
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GW 49113		1	20	19	210
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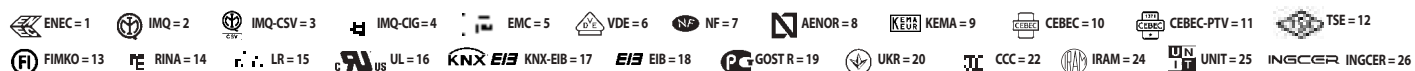
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GW 49132		1	64	19	222
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GW 49134		1	80	19	222
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GW 49146		1	160	19	212
GW 49147		1	120	19	212
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GW 49167		1	550	19	223
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GW 49202		1/4	512	19	219



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GW 49461		1	40	19	218
GW 49463		1	24	19	218
GW 49464		1	20	19	218
GW 49465		1	120	19	218
GW 49466		1	54	19	218
GW 49467		1	24	19	218
GW 49468		1	240	19	219

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GW 49477		1	20	19	218
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GW 49506		1	180	19	212
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GW 49612		1/12	1680		235
GW 49613		1/12	1680		235
GW 49614		1/12	1680		235
GW 49619		1/12	1680		235
GW 49620		1/12	1680		235
GW 49621		1/12	1680		235
GW 49622		1/12	1680		235
GW 49627		1/12	1680		235
GW 49628		1/12	864		235
GW 49629		1/12	1680		235
GW 49630		1/12	1680		235
GW 49643		1/12	1680		235
GW 49644		1/6	840		235
GW 49646		1/6	1968		235
GW 49647		1	1100		239
GW 49648		1	1100		239
GW 49650		1	250		236
GW 49651		1	200		237
GW 49652		1	500		237
GW 49653		1	500		237
GW 49654		1	500		237
GW 49656		1	240		237
GW 49657		1	90		237
GW 49658		1	300		237
GW 49659		1	108		237
GW 49660		1	120		237
GW 49665		1	660		239
GW 49666		1	330		239
GW 49667		1	330		239
GW 49668		1	0		239
GW 49670		1	72		240
GW 49671		1	72		240

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 49672		1	80		240
GW 49673		1	550		239
GW 49674		1	250		239
GW 49675		1	550		239
GW 49676		1	80		240
GW 49677		1	100		240
GW 49678		1	504		240
GW 49679		1	100		240
GW 49680		1	50		240
GW 49701		1	100		238
GW 49702		1	150		238
GW 49703		1	150		238
GW 49704		1	10		238
GW 49705		1	180		238
GW 49706		1	120		238
GW 49708		1	270		238
GW 49710		1	200		238
GW 49711		1	120		238
GW 49711		1	120		238
GW 49712		1	180		238
GW 49713		1	300		238
GW 49714		1	0		238
GW 49715		1	120		238
GW 49716		1	240		238
GW 49717		1	50		238
GW 49718		1	128		238
GW 49720		1	80		238
GW 49720		1	80		241
GW 49721		1	90		238
GW 49722		1	170		238
GW 49723		1	100		238
GW 49724		1	0		238
GW 49725		1	300		238
GW 49731		1	180	19	223
GW 49731		1	180	19	223
GW 49731		1	180	19	241
GW 49732		1	144	19	223
GW 49732		1	144	19	223
GW 49732		1	144	19	241
GW 49732		1	144	19	241
GW 49733		1	108	19	223
GW 49733		1	108	19	241
GW 49734		1	120	19	223
GW 49734		1	120	19	241
GW 49735		1	300	19	223
GW 49735		1	300	19	241
GW 49736		1	165	19	223
GW 49736		1	165	19	241
GW 49737		1	110	19	223
GW 49737		1	110	19	241
GW 49738		1	180	19	223
GW 49738		1	180	19	241
GW 49739		1	200		241
GW 49740		1	80		241
GW 49741		1	160		241
GW 49742		1	200		241
GW 49743		1	0		241
GW 49744		1	50		241
GW 49745		1	144	19	223
GW 49746		1	120	19	223
GW 49747		1	100	19	223
GW 49748		1	300	19	223

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 IMQ-CSV = 3
 IMQ-CIG = 4
 EMC = 5
 VDE = 6
 NF = 7
 AENOR = 8
 KEMA = 9
 CEBEC = 10
 CEBEC-PTV = 11
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 RINA = 14
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 UL = 16
 KNX EIB
 EIB = 18
 GOST R = 19
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 IRAM = 24
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③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 49749		1	90		241
GW 49751		1/12	1680		235
GW 49752		1/12	1680		235
GW 49753		1/12	1680		235
GW 49754		1/12	1680		235
GW 49762		1/6	720		233
GW 49763		1/6	0		233
GW 49764		1/6	420		233
GW 49766		1/6	840		233
GW 49767		1/6	0		233
GW 49768		1/6	420		233
GW 49769		1/6	300		233
GW 49770		1/6	720		233
GW 49771		1/6	720		233
GW 49772		1/6	720		233
GW 49773		1/6	720		233
GW 49774		1/6	720		233
GW 49775		1/6	720		233
GW 49776		1/6	1218		233
GW 49777		1/6	2100		233
GW 49778		1/6	2100		233
GW 49779		1/6	2100		233
GW 49780		1/6	3216		233
GW 49781		1/6	3216		233
GW 49782		1/6	3216		233
GW 49783		1/6	3216		233
GW 49784		1/6	720		233
GW 49788		1/6	546		233
GW 49789		1/6	546		233
GW 49792		1/6	300		233
GW 49793		1/6	300		233
GW 49794		1/6	300		233
GW 49795		1/6	300		233
GW 49797		1	77		234
GW 49798		1/6	330		234
GW 49801		1	1000	19	220
GW 49805		1	80	19	220
GW 49806		1	40	19	220
GW 49807		1	30	19	220
GW 49808		1	20	19	220
GW 49809		1	64	19	220
GW 49810		1	20	19	220
GW 49811		1	6	19	220
GW 49812		1	60	19	220
GW 49813		1	40	19	220
GW 49814		1	30	19	220
GW 49815		1	16	19	220
GW 49816		1	48	19	220
GW 49817		1	15	19	220
GW 49818		1	4	19	220
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GW 49827		1	2000	19	220
GW 49828		1	23	19	220
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GW 49830		1	15	19	220
GW 49831		1	15	19	220
GW 49832		1	50	19	221

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 49833		1	48	19	221
GW 49834		1	60	19	221
GW 49851		1	60	19	220
GW 49852		1	40	19	220
GW 49853		1	30	19	220
GW 49854		1	40	19	220
GW 49855		1	20	19	220
GW 49861		1	96		213
GW 49862		1	80		213
GW 49863		1	80		213
GW 49864		1	80		213
GW 49865		1	80		213
GW 49866		1	0		213
GW 49867		1	0		213
GW 49868		1	80		213
GW 49869		1	0		213
GW 49870		1	40		213
GW 49871		1	0		213
GW 49872		1	80		213
GW 49873		1	46		213
GW 49874		1	24		213
GW 49875		1	28		213
GW 49876		1	112		213
GW 49877		1	52		213
GW 49878		1	80		213
GW 49879		1	40		213
GW 49880		1	104		213
GW 49881		1	22		213
GW 49882		1	0		213
GW 49883		1	0		213
GW 49884		1	6		213
GW 49885		1	0		213
GW 49886		1	0		213
GW 49887		1	0		213
GW 49888		1	40		214
GW 49889		1	40		214
GW 49890		1	40		214
GW 49891		1	40		214
GW 49892		1	40		214
GW 49893		1	0		214
GW 49894		1	0		214
GW 49895		1	52		214
GW 49896		1	40		214
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GW 49898		1	40		214
GW 49899		1	23		214
GW 49900		1	0		214
GW 49901		1	0		214
GW 49902		1	46		214
GW 49903		1	22		214
GW 49904		1	0		214
GW 49905		1	0		214
GW 49906		1	26		214
GW 49907		1	28		214
GW 49908		1	0		214
GW 49909		1	0		214
GW 49910		1	0		214
GW 49911		1	6		214
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GW 49913		1	6		214
GW 49914		1	6		214



①=May 2010

②=June 2010

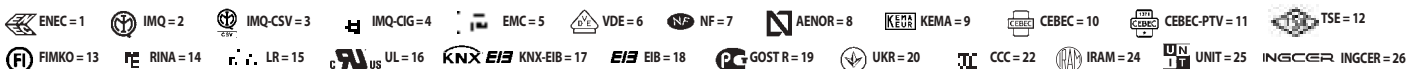
③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
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GW 49918		1	0		214
GW 49919		1	0		214
GW 49926		1	0		215
GW 49927		1	104		215
GW 49928		1	80		215
GW 49929		1	40		215
GW 49930		1	52		215
GW 49931		1	52		215
GW 49932		1	30		215
GW 49933		1	40		215
GW 49934		1	42		215
GW 49935		1	28		215
GW 49941		1	104		216
GW 49942		1	0		216
GW 49943		1	112		216
GW 49944		1	0		216
GW 49945		1	0		216
GW 49946		1	104		216
GW 49947		1	0		216
GW 49948		1	0		216
GW 49949		1	0		216
GW 49950		1	0		216
GW 49951		1	104		216
GW 49952		1	0		216
GW 49953		1	0		216
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GW 49976		1	0		217
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GW 49980		1	0		217
GW 49981		1	0		217
GW 49982		1	0		217
GW 49983		1	0		217
GW 49984		1	0		217
GW 49985		1	0		217
GW 49986		1	0		217

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 49987		1	0		217
GW 49988		1	0		217
GW 49989		1	0		217
GW 49990		1	0		217
GW 49991		1	0		217
GW 49992		1	0		217
GW 49993		1	0		217
GW 49996		1	0		221
GW 49997		1	0		221
GW 49998		1	0		221
GW 49999		1	0		221

GW50

GW 50201	20/60	2400			690
GW 50202	20/120	4560			690
GW 50203	10/40	720			690
GW 50204	10/60	960			690
GW 50205	6/30	180			690
GW 50206	6/36	432			690
GW 50207	20/60	2400			690
GW 50208	20/120	2400			690
GW 50209	20/120	2880			690
GW 50210	10/20	1280			690
GW 50211	6/30	540			690
GW 50212	6/36	432			690
GW 50415	25/200	8000	24		697
GW 50415	25/200	8000	24	24	714
GW 50416	25/200	14400	24		697
GW 50416	25/200	14400	24	24	714
GW 50417	25/150	7500	24		697
GW 50417	25/150	7500	24	24	714
GW 50418	10/100	1800	24		697
GW 50418	10/100	1800	24	24	714
GW 50419	6/60	1080	24		697
GW 50419	6/60	1080	24	24	714
GW 50420	5/50	900	24		697
GW 50420	5/50	900	24	24	714
GW 50421	50/700	12600	24		697
GW 50422	50/700	12600	24	24	697
GW 50423	25/350	6300	24		697
GW 50424	25/350	6300	24	24	697
GW 50425	15/210	2100	24		697
GW 50426	10/160	2560	24		697
GW 50427	10/90	1440	24		697
GW 50428	100/1000	40000	19-24		628
GW 50428	100/1000	40000	19-24	19-24	697
GW 50429	100/1000	50000	19-24		628
GW 50429	100/1000	50000	19-24	19-24	697
GW 50430	100/1000	12000	19-24		628
GW 50430	100/1000	12000	19-24	19-24	697
GW 50431	50/500	9000	19-24		628
GW 50431	50/500	9000	19-24	19-24	697
GW 50432	35/350	5600	19-24		628
GW 50432	35/350	5600	19-24	19-24	697
GW 50601	100/1800	97200			702
GW 50602	100/1600	86400			702
GW 50603	100/900	54000			702
GW 50604	100/900	32400			702
GW 50605	100/900	54000			702
GW 50606	100/900	54000			702
GW 50607	100/600	36000			702



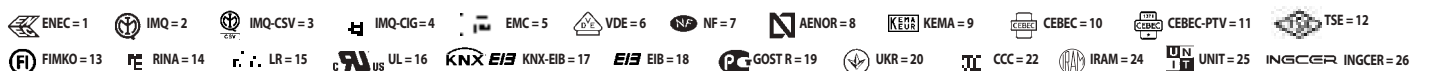
①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
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GW 50608		50/450	27000		702
GW 50609		50/350	18900		702
GW 50610		100/8000	0		703
GW 50611		100/8000	0		703
GW 50612		100/8000	0		703
GW 50613		100/6000	0		703
GW 50614		100/6000	0		703
GW 50615		100/6000	0		703
GW 50616		100/3000	0		703
GW 50617		100/1800	75600		703
GW 50618		100/2000	64000		703
GW 50619		50/900	36000		703
GW 50620		50/1000	28000		703
GW 50621		100/8000	0		703
GW 50622		100/8000	0		703
GW 50623		100/4000	0		703
GW 50624		100/15000	0		703
GW 50625		100/4800	0		703
GW 50626		100/1000	16000		703
GW 50627		100/1000	16000		703
GW 50628		50/450	27000		702
GW 50629		50/450	7200		702
GW 50630		35/350	7000		702
GW 50631		25/200	4000		702
GW 50801		100/1600	38400		702
GW 50802		100/800	38400		702
GW 50803		100/800	38400		702
GW 50804		100/800	28800		702
GW 50805		100/800	19200		702
GW 50806		100/600	21600		702
GW 50807		100/600	21600		702
GW 50808		100/600	14400		702
GW 50809		100/300	9000		702
GW 50810		50/300	9600		702
GW 50811		100/2400	96000		702
GW 50812		100/2000	48000		702
GW 50813		100/2000	48000		702
GW 50814		100/1600	32000		702
GW 50815		100/1000	40000		702
GW 50816		50/1000	40000		702
GW 50817		50/1000	24000		702
GW 50818		50/600	14400		702
GW 50819		50/600	10800		702
GW 50820		50/300	7200		702
GW 50821		100/2400	0		703
GW 50822		100/3500	63000		703
GW 50823		100/2000	48000		703
GW 50824		100/1600	32000		703
GW 50825		100/2000	36000		703
GW 50826		50/1000	24000		703
GW 50827		50/800	16000		703
GW 50828		50/600	14400		703
GW 50829		50/600	10800		703
GW 50830		50/300	7200		703
GW52					
GW 52001		50/900	81000	24	696
GW 52002		50/600	42000	24	696
GW 52003		25/500	27000	24	546
GW 52003		25/500	27000	24	696
GW 52004		25/500	27000	24	546

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 52004		25/500	27000	24	696
GW 52005		25/375	18750	24	546
GW 52005		25/375	18750	24	696
GW 52006		25/400	9600	24	546
GW 52006		25/400	9600	24	696
GW 52007		25/250	5000	24	546
GW 52007		25/250	5000	24	696
GW 52008		10/130	3900	24	546
GW 52008		10/130	3900	24	696
GW 52009		6/120	1440	24	546
GW 52009		6/120	1440	24	696
GW 52010		5/100	1200	24	696
GW 52024		15/300	7200	24	696
GW 52025		15/240	4320	24	696
GW 52026		15/240	3840	24	696
GW 52027		15/135	2160	24	696
GW 52028		6/54	972	24	696
GW 52029		4/80	480	24	696
GW 52042		50/600	25200		696
GW 52043		50/400	9600		696
GW 52044		25/300	18000		546
GW 52044		25/300	18000		696
GW 52045		25/200	11200		546
GW 52045		25/200	11200		696
GW 52046		25/150	6750		546
GW 52046		25/150	6750		696
GW 52047		10/120	2400		546
GW 52047		10/120	2400		696
GW 52048		6/84	2016		546
GW 52048		6/84	2016		696
GW 52049		5/60	600		696
GW 52101		50/900	45000		393
GW 52101		50/900	45000		558
GW 52101		50/900	45000		700
GW 52102		50/600	30000		393
GW 52102		50/600	30000		558
GW 52102		50/600	30000		700
GW 52103		25/500	25000		393
GW 52103		25/500	25000		558
GW 52103		25/500	25000		700
GW 52104		25/500	12000		393
GW 52104		25/500	12000		558
GW 52104		25/500	12000		700
GW 52105		25/375	9000		393
GW 52105		25/375	9000		558
GW 52105		25/375	9000		700
GW 52106		25/400	6400		393
GW 52106		25/400	6400		558
GW 52106		25/400	6400		700
GW 52107		25/250	3500		393
GW 52107		25/250	3500		558
GW 52107		25/250	3500		700
GW 52108		10/130	19500		393
GW 52108		10/130	19500		558
GW 52108		10/130	19500		700
GW 52109		6/120	1680		393
GW 52109		6/120	1680		558
GW 52109		6/120	1680		700
GW 52110		5/100	19500		393
GW 52110		5/100	19500		558
GW 52110		5/100	19500		700



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③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 52121		50/600	36000		393
GW 52121		50/600	36000		558
GW 52121		50/600	36000		700
GW 52122		50/400	16000		393
GW 52122		50/400	16000		558
GW 52122		50/400	16000		700
GW 52123		25/300	12000		393
GW 52123		25/300	12000		558
GW 52123		25/300	12000		700
GW 52124		25/200	8000		393
GW 52124		25/200	8000		558
GW 52124		25/200	8000		700
GW 52125		25/150	2100		393
GW 52125		25/150	2100		558
GW 52125		25/150	2100		700
GW 52126		10/120	1680		393
GW 52126		10/120	1680		558
GW 52126		10/120	1680		700
GW 52127		6/84	1176		393
GW 52127		6/84	1176		558
GW 52127		6/84	1176		700
GW 52128		5/60	960		393
GW 52128		5/60	960		558
GW 52128		5/60	960		700
GW 52141		25/100	19500		393
GW 52141		25/100	19500		559
GW 52141		25/100	19500		700
GW 52142		25/100	19500		393
GW 52142		25/100	19500		559
GW 52142		25/100	19500		700
GW 52143		25/100	19500		393
GW 52143		25/100	19500		559
GW 52143		25/100	19500		700
GW 52144		25/100	19500		393
GW 52144		25/100	19500		559
GW 52144		25/100	19500		700
GW 52145		25/100	19500		393
GW 52145		25/100	19500		559
GW 52145		25/100	19500		700
GW 52146		25/100	17400		393
GW 52146		25/100	17400		559
GW 52146		25/100	17400		700
GW 52147		25/100	17400		393
GW 52147		25/100	17400		559
GW 52147		25/100	17400		700
GW 52148		10/50	8700		393
GW 52148		10/50	8700		559
GW 52148		10/50	8700		700
GW 52149		10/50	20000		393
GW 52149		10/50	20000		559
GW 52149		10/50	20000		700
GW 52150		10/50	20000		393
GW 52150		10/50	20000		559
GW 52150		10/50	20000		700
GW 52161		25/100	40000		393
GW 52161		25/100	40000		559
GW 52161		25/100	40000		700
GW 52162		25/100	16000		393
GW 52162		25/100	16000		559
GW 52162		25/100	16000		700
GW 52163		25/100	40000		393

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 52163		25/100	40000		559
GW 52163		25/100	40000		700
GW 52164		25/100	40000		393
GW 52164		25/100	40000		559
GW 52164		25/100	40000		700
GW 52165		25/100	17400		393
GW 52165		25/100	17400		559
GW 52165		25/100	17400		700
GW 52166		10/50	8700		393
GW 52166		10/50	8700		559
GW 52166		10/50	8700		700
GW 52167		10/50	20000		393
GW 52167		10/50	20000		559
GW 52167		10/50	20000		700
GW 52168		10/50	4800		393
GW 52168		10/50	4800		559
GW 52168		10/50	4800		700
GW 52201		100/4000	64000		673
GW 52202		100/3000	48000		673
GW 52203		100/1000	16000		673
GW 52204		100/3000	24000		673
GW 52205		100/1200	38400		673
GW 52206		100/1000	24000		673
GW 52207		100/500	12000		673
GW 52208		100/500	4000		673
GW 52209		100/3000	54000		673
GW 52210		100/3000	96000		673
GW 52226		100/3000	0		672
GW 52227		100/3000	0		672
GW 52228		100/3000	0		672
GW 52229		100/3000	0		672
GW 52231		1000/20000	0	14	671
GW 52232		1000/20000	0	14	671
GW 52233		100/10000	0	14	671
GW 52234		100/10000	0	14	671
GW 52235		100/10000	0	14	671
GW 52236		100/10000	0	14	671
GW 52237		100/5000	0	14	671
GW 52238		100/5000	0	14	671
GW 52239		100/5000	0	14	671
GW 52240		100/5000	0	14	671
GW 52241		100/1000	50000	14	671
GW 52242		50/500	27500	14	671
GW 52243		50/500	7500	14	671
GW 52251		1000/20000	0	14	671
GW 52252		1000/20000	0	14	671
GW 52253		100/10000	0	14	671
GW 52254		100/10000	0	14	671
GW 52255		100/10000	0	14	671
GW 52256		100/10000	0	14	671
GW 52257		100/5000	0	14	671
GW 52258		100/5000	0	14	671
GW 52259		100/5000	0	14	671
GW 52260		100/5000	0	14	671
GW 52261		100/1000	50000	14	671
GW 52262		50/500	32500	14	671
GW 52263		50/500	15000	14	671
GW 52271		100/1000	64000		672
GW 52272		100/1000	27000		672
GW 52273		100/1000	27000		672
GW 52281		100/5000	0		672



①=May 2010

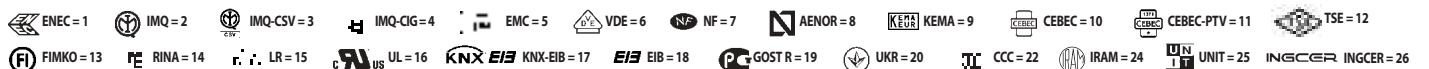
②=June 2010

③=September 2010

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		PACK/ CARTON	PALLET		
GW 52282		100/2000	54000		672
GW 52291		100/5000	0		672
GW 52292		100/5000	0		672
GW 52293		100/2000	54000		672
GW 52294		100/2000	54000		672
GW 52401		1/4	512		628
GW 52401		1/4	512		704
GW 52402		10	1280	19	660
GW 52402		10	1280	19	704
GW 52403		10	1280		704
GW 52410		1/10	640		672
GW 52411		1/10	270		673
GW 52412		1/4	512		704

GW60					
CODE	UM	PACK/ CARTON	PALLET	MARKS	PAGE
GW 60001		10/40	2880	1-19-24	254
GW 60002		10/20	800	1-19-24	254
GW 60003		10/20	800	1-19-24	254
GW 60004		10/100	2400	1-19-24	254
GW 60005		10/40	480	1-19-24	254
GW 60006		10/20	800	1-19-24	254
GW 60007		10/20	960	1-19-24	254
GW 60008		10/100	2000	1-19-24	254
GW 60009		10/40	1200	1-19-24	254
GW 60010		10/20	800	1-19-24	254
GW 60011		10/20	800	1-19-24	254
GW 60012		8/16	384	1-19-24	254
GW 60013		8/16	512	1-19-24	254
GW 60014		8/16	448	1-19-24	254
GW 60015		8/32	1152	1-19-24	254
GW 60016		8/16	384	1-19-24	254
GW 60017		8/16	448	1-19-24	254
GW 60018		8/16	384	1-19-24	254
GW 60019		8/32	1152	1-19-24	254
GW 60020		8/32	960	1-19-24	254
GW 60021		8/16	512	1-19-24	254
GW 60022		8/16	448	1-19-24	254
GW 60023		10/20	560	1-19-24	255
GW 60024		10/20	480	1-19-24	255
GW 60025		10/20	400	1-19-24	255
GW 60026		10/40	1200	1-19-24	255
GW 60027		10/20	480	1-19-24	255
GW 60028		10/20	400	1-19-24	255
GW 60029		10/20	560	1-19-24	255
GW 60030		10/40	1280	1-19-24	255
GW 60031		10/40	1200	1-19-24	255
GW 60032		10/20	640	1-19-24	255
GW 60033		10/20	400	1-19-24	255
GW 60034		8/16	288	1-19-24	255
GW 60035		8/16	288	1-19-24	255
GW 60036		8/16	288	1-19-24	255
GW 60037		8/16	672	1-19-24	255
GW 60038		8/16	288	1-19-24	255
GW 60039		8/16	288	1-19-24	255
GW 60040		8/16	288	1-19-24	255
GW 60041		8/16	672	1-19-24	255
GW 60042		8/16	672	1-19-24	255
GW 60043		8/16	288	1-19-24	255
GW 60044		8/16	288	1-19-24	255
GW 60056		1/2	64	1-19-24	255
GW 60057		1/2	48	1-19-24	255

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 60058		1/2	48	1-19-24	255
GW 60059		1/2	48	1-19-24	255
GW 60060		1/2	128	1-19-24	255
GW 60061		1/2	128	1-19-24	255
GW 60062		1/2	48	1-19-24	255
GW 60063		1/2	48	1-19-24	255
GW 60064		10/40	2880	1-19-24	254
GW 60065		10/20	720	1-19-24	254
GW 60066		10/20	800	1-19-24	254
GW 60067		10/20	800	1-19-24	254
GW 60068		10/20	720	1-19-24	254
GW 60069		10/20	960	1-19-24	254
GW 60070		10/20	720	1-19-24	254
GW 60071		10/20	960	1-19-24	254
GW 60072		10/20	960	1-19-24	254
GW 60073		10/20	960	1-19-24	254
GW 60074		10/20	960	1-19-24	254
GW 60075		10/20	800	1-19-24	254
GW 60076		10/20	720	1-19-24	254
GW 60077		10/20	960	1-19-24	254
GW 60078		10/20	960	1-19-24	254
GW 60079		10/20	960	1-19-24	254
GW 60080		10/20	960	1-19-24	254
GW 60081		10/20	960	1-19-24	254
GW 60082		10/40	1440	1-19-24	256
GW 60083		10/20	560	1-19-24	256
GW 60084		10/20	560	1-19-24	256
GW 60085		10/40	960	1-19-24	256
GW 60086		10/20	560	1-19-24	256
GW 60087		10/20	560	1-19-24	256
GW 60088		10/20	720	1-19-24	256
GW 60089		10/40	800	1-19-24	256
GW 60090		10/40	480	1-19-24	256
GW 60091		10/20	560	1-19-24	256
GW 60092		10/20	560	1-19-24	256
GW 60093		8/16	512	1-19-24	256
GW 60094		8/16	512	1-19-24	256
GW 60095		8/16	512	1-19-24	256
GW 60096		8/16	384	1-19-24	256
GW 60097		8/16	512	1-19-24	256
GW 60098		8/16	512	1-19-24	256
GW 60099		8/16	384	1-19-24	256
GW 60101		8/16	384	1-19-24	256
GW 60102		8/16	384	1-19-24	256
GW 60103		8/16	512	1-19-24	256
GW 60104		8/16	384	1-19-24	256
GW 60105		10/20	560	1-19-24	257
GW 60106		10/20	640	1-19-24	257
GW 60107		10/20	360	1-19-24	257
GW 60108		10/40	480	1-19-24	257
GW 60109		10/20	640	1-19-24	257
GW 60110		10/20	320	1-19-24	257
GW 60111		10/20	560	1-19-24	257
GW 60112		10/40	640	1-19-24	257
GW 60113		10/40	1200	1-19-24	257
GW 60114		10/20	480	1-19-24	257
GW 60115		10/20	400	1-19-24	257
GW 60116		8/16	288	1-19-24	257
GW 60117		8/16	288	1-19-24	257
GW 60118		8/16	288	1-19-24	257
GW 60119		8/16	288	1-19-24	257



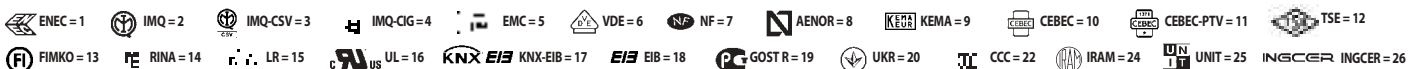
①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 60120		8/16	288	1-19-24	257
GW 60121		8/16	288	1-19-24	257
GW 60122		8/16	288	1-19-24	257
GW 60123		8/16	288	1-19-24	257
GW 60124		8/16	288	1-19-24	257
GW 60125		8/16	288	1-19-24	257
GW 60126		8/16	288	1-19-24	257
GW 60127		10/40	800	1-19-24	256
GW 60128		10/20	800	1-19-24	256
GW 60129		10/20	800	1-19-24	256
GW 60130		10/20	800	1-19-24	256
GW 60131		10/20	800	1-19-24	256
GW 60132		10/20	800	1-19-24	256
GW 60133		10/20	800	1-19-24	256
GW 60134		10/20	800	1-19-24	256
GW 60135		10/20	800	1-19-24	256
GW 60136		10/20	800	1-19-24	256
GW 60137		10/20	800	1-19-24	256
GW 60138		10/20	800	1-19-24	256
GW 60139		10/20	800	1-19-24	256
GW 60140		10/20	800	1-19-24	256
GW 60141		10/20	800	1-19-24	256
GW 60142		10/20	800	1-19-24	256
GW 60143		10/20	800	1-19-24	256
GW 60144		10/20	800	1-19-24	256
GW 60145		8/16	288	1-19-24	255
GW 60146		8/16	288	1-19-24	257
GW 60201		10/20	480	1-19-24	258
GW 60202		10/20	640	1-19-24	258
GW 60203		10/20	640	1-19-24	258
GW 60204		10/20	480	1-19-24	258
GW 60205		10/20	480	1-19-24	258
GW 60206		10/20	640	1-19-24	258
GW 60207		10/20	480	1-19-24	258
GW 60208		10/20	640	1-19-24	258
GW 60209		10/20	400	1-19-24	258
GW 60210		10/20	640	1-19-24	258
GW 60211		10/20	480	1-19-24	258
GW 60212		8/16	288	1-19-24	258
GW 60213		8/16	288	1-19-24	258
GW 60214		8/16	288	1-19-24	258
GW 60215		8/16	288	1-19-24	258
GW 60216		8/16	288	1-19-24	258
GW 60217		8/16	288	1-19-24	258
GW 60218		8/16	288	1-19-24	258
GW 60219		8/16	288	1-19-24	258
GW 60220		8/16	288	1-19-24	258
GW 60221		8/16	288	1-19-24	258
GW 60222		8/16	288	1-19-24	258
GW 60223		10/20	400	1-19-24	259
GW 60224		10/20	240	1-19-24	259
GW 60225		10/20	400	1-19-24	259
GW 60226		10/20	360	1-19-24	259
GW 60227		10/20	360	1-19-24	259
GW 60228		10/20	360	1-19-24	259
GW 60229		10/20	400	1-19-24	259
GW 60230		10/20	400	1-19-24	259
GW 60231		10/20	400	1-19-24	259
GW 60232		10/20	400	1-19-24	259
GW 60233		10/20	400	1-19-24	259
GW 60234		8/16	288	1-19-24	259

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 60235		8/16	288	1-19-24	259
GW 60236		8/16	96	1-19-24	259
GW 60237		8/16	192	1-19-24	259
GW 60238		8/16	288	1-19-24	259
GW 60239		8/16	128	1-19-24	259
GW 60240		8/16	288	1-19-24	259
GW 60241		8/16	288	1-19-24	259
GW 60242		8/16	96	1-19-24	259
GW 60243		8/16	288	1-19-24	259
GW 60244		8/16	128	1-19-24	259
GW 60245		10/20	560	1-19-24	258
GW 60246		10/20	560	1-19-24	258
GW 60247		10/20	560	1-19-24	258
GW 60248		10/20	560	1-19-24	258
GW 60249		10/20	560	1-19-24	258
GW 60250		10/20	560	1-19-24	258
GW 60251		10/20	560	1-19-24	258
GW 60252		10/20	560	1-19-24	258
GW 60253		10/20	560	1-19-24	258
GW 60254		10/20	560	1-19-24	258
GW 60255		10/20	560	1-19-24	258
GW 60256		10/20	560	1-19-24	258
GW 60257		10/20	560	1-19-24	258
GW 60258		10/20	560	1-19-24	258
GW 60259		10/20	560	1-19-24	258
GW 60260		10/20	560	1-19-24	258
GW 60261		10/20	560	1-19-24	258
GW 60262		10/120	1440	19	259
GW 60263		10/120	1440	19	259
GW 60264		10/80	0	19	259
GW 60265		8/64	704	19	259
GW 60266		8/64	576	19	259
GW 60267		8/16	288	1-19-24	259
GW 60268		10/40	480	1-19-24	260
GW 60401		10/20	480	1-19-24	260
GW 60402		10/20	400	1-19-24	260
GW 60403		10/40	1440	1-19-24	260
GW 60404		10/20	640	1-19-24	260
GW 60405		10/20	400	1-19-24	260
GW 60406		10/20	640	1-19-24	260
GW 60407		10/40	640	1-19-24	260
GW 60408		10/40	480	1-19-24	260
GW 60409		10/20	640	1-19-24	260
GW 60410		10/20	400	1-19-24	260
GW 60411		8/16	512	1-19-24	260
GW 60412		8/16	384	1-19-24	260
GW 60413		8/16	320	1-19-24	260
GW 60414		8/16	384	1-19-24	260
GW 60415		8/16	384	1-19-24	260
GW 60416		8/16	320	1-19-24	260
GW 60417		8/16	512	1-19-24	260
GW 60418		8/16	384	1-19-24	260
GW 60419		8/16	288	1-19-24	260
GW 60420		8/16	512	1-19-24	260
GW 60421		10/20	400	1-19-24	261
GW 60422		10/20	240	1-19-24	261
GW 60423		10/40	1200	1-19-24	261
GW 60424		10/20	400	1-19-24	261
GW 60425		10/20	400	1-19-24	261
GW 60426		10/20	400	1-19-24	261
GW 60427		10/20	400	1-19-24	261



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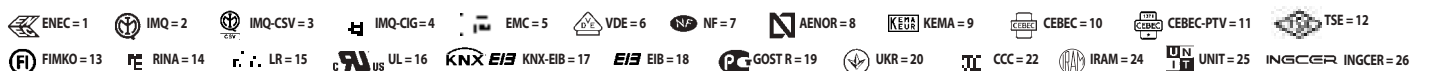
②=June 2010

③=September 2010

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GW 60428		10/20	240	1-19-24	261
GW 60429		10/20	400	1-19-24	261
GW 60430		10/40	1200	1-19-24	261
GW 60431		10/20	560	1-19-24	261
GW 60432		10/20	400	1-19-24	261
GW 60433		10/20	240	1-19-24	261
GW 60434		8/16	192	1-19-24	261
GW 60435		8/16	192	1-19-24	261
GW 60436		8/16	192	1-19-24	261
GW 60437		8/16	224	1-19-24	261
GW 60438		8/16	192	1-19-24	261
GW 60439		8/16	192	1-19-24	261
GW 60440		8/16	192	1-19-24	261
GW 60441		8/16	224	1-19-24	261
GW 60442		8/16	224	1-19-24	261
GW 60443		8/16	192	1-19-24	261
GW 60444		8/16	192	1-19-24	261
GW 60456		1/2	36	1-19-24	261
GW 60457		1/2	36	1-19-24	261
GW 60458		1/2	36	1-19-24	261
GW 60459		1/2	36	1-19-24	261
GW 60460		1/2	48	1-19-24	261
GW 60461		1/2	48	1-19-24	261
GW 60462		1/2	36	1-19-24	261
GW 60463		1/2	36	1-19-24	261
GW 60464		10/40	800	1-19-24	260
GW 60465		10/20	800	1-19-24	260
GW 60466		10/20	800	1-19-24	260
GW 60467		10/20	560	1-19-24	260
GW 60468		10/20	800	1-19-24	260
GW 60469		10/20	800	1-19-24	260
GW 60470		10/20	800	1-19-24	260
GW 60471		10/20	800	1-19-24	260
GW 60472		10/20	800	1-19-24	260
GW 60473		10/20	800	1-19-24	260
GW 60474		10/20	800	1-19-24	260
GW 60475		10/20	800	1-19-24	260
GW 60476		10/20	800	1-19-24	260
GW 60477		10/20	800	1-19-24	260
GW 60478		10/20	800	1-19-24	260
GW 60479		10/20	800	1-19-24	260
GW 60480		10/20	800	1-19-24	260
GW 60481		10/20	800	1-19-24	260
GW 60482		8/16	192	1-19-24	261
GW 60601		10/20	560		388
GW 60602		10/20	640		388
GW 60603		10/20	360		388
GW 60604		10/40	480		388
GW 60605		10/20	640		388
GW 60606		10/20	360		388
GW 60607		10/20	560		388
GW 60608		10/40	640		388
GW 60609		10/40	480		388
GW 60610		10/20	640		388
GW 60611		10/20	360		388
GW 60612		8/16	288		388
GW 60613		8/16	288		388
GW 60614		8/16	288		388
GW 60615		8/16	288		388
GW 60616		8/16	288		388
GW 60617		8/16	288		388

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 60618		8/16	288		388
GW 60619		8/16	288		388
GW 60620		8/16	288		388
GW 60621		8/16	288		388
GW 60622		8/16	288		388
GW 60623		8/16	288		388
GW 60624		2/4	96		388
GW 60625		2/4	96		388
GW 60626		2/4	96		388
GW 60627		2/4	96		388
GW 60628		2/4	96		388
GW 60629		2/4	96		388
GW 60630		2/4	96		388
GW 60631		2/4	96		388
GW 60632		2/4	96		388
GW 60633		2/4	96		388
GW 60634		2/4	96		388

GW61					
GW 61001		40	720	1-19-24	252
GW 61002		20	640	1-19-24	252
GW 61003		16	512	1-19-24	252
GW 61004		40	1680	1-19-24	252
GW 61005		40	1600	1-19-24	252
GW 61006		16	512	1-19-24	252
GW 61007		20	640	1-19-24	252
GW 61008		40	1680	1-19-24	252
GW 61009		32	1280	1-19-24	252
GW 61010		20	640	1-19-24	252
GW 61011		16	512	1-19-24	252
GW 61023		20	640	1-19-24	252
GW 61024		12	384	1-19-24	252
GW 61025		12	384	1-19-24	252
GW 61026		40	1680	1-19-24	252
GW 61027		12	384	1-19-24	252
GW 61028		12	384	1-19-24	252
GW 61029		20	640	1-19-24	252
GW 61030		24	1008	1-19-24	252
GW 61031		24	1008	1-19-24	252
GW 61032		12	240	1-19-24	252
GW 61033		12	384	1-19-24	252
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GW 61046		2/4	96	1-19-24	255
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GW 61054		2/4	96	1-19-24	255
GW 61055		2/4	96	1-19-24	255
GW 61445		2/4	144	1-19-24	261
GW 61446		2/4	96	1-19-24	261
GW 61447		2/4	96	1-19-24	261
GW 61448		2/4	96	1-19-24	261
GW 61449		2/4	144	1-19-24	261
GW 61450		2/4	96	1-19-24	261
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GW 61453		2/4	288	1-19-24	261



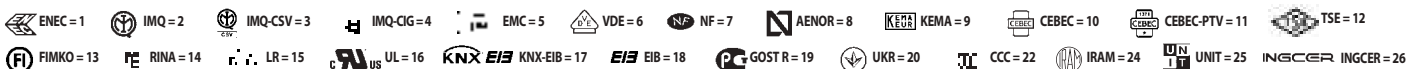
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GW 62002		10/20	560	1-19-24	262
GW 62003		10/20	560	1-19-24	262
GW 62004		10/100	2000	1-19-24	262
GW 62005		10/40	480	1-19-24	262
GW 62006		10/20	560	1-19-24	262
GW 62007		10/20	800	1-19-24	262
GW 62008		10/100	2000	1-19-24	262
GW 62009		10/40	1200	1-19-24	262
GW 62010		10/20	560	1-19-24	262
GW 62011		10/20	560	1-19-24	262
GW 62012		8/16	384	1-19-24	262
GW 62013		8/16	512	1-19-24	262
GW 62014		8/16	512	1-19-24	262
GW 62015		8/32	1024	1-19-24	262
GW 62016		8/16	384	1-19-24	262
GW 62017		8/16	512	1-19-24	262
GW 62018		8/16	512	1-19-24	262
GW 62019		8/32	1024	1-19-24	262
GW 62020		8/32	1024	1-19-24	262
GW 62021		8/16	512	1-19-24	262
GW 62022		8/16	512	1-19-24	262
GW 62023		10/20	480	1-19-24	263
GW 62024		8/16	384	1-19-24	263
GW 62025		10/20	360	1-19-24	263
GW 62026		10/40	1200	1-19-24	263
GW 62027		8/16	384	1-19-24	263
GW 62028		10/20	360	1-19-24	263
GW 62029		10/20	480	1-19-24	263
GW 62030		10/40	1280	1-19-24	263
GW 62031		10/40	1200	1-19-24	263
GW 62032		10/20	480	1-19-24	263
GW 62033		10/20	360	1-19-24	263
GW 62034		8/16	288	1-19-24	263
GW 62035		8/16	288	1-19-24	263
GW 62036		8/16	288	1-19-24	263
GW 62037		8/16	672	1-19-24	263
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GW 62039		8/16	288	1-19-24	263
GW 62040		8/16	288	1-19-24	263
GW 62041		8/16	672	1-19-24	263
GW 62042		8/16	672	1-19-24	263
GW 62043		8/16	288	1-19-24	263
GW 62044		8/16	288	1-19-24	263
GW 62056		1/2	64	1-19-24	263
GW 62057		1/2	64	1-19-24	263
GW 62058		1/2	48	1-19-24	263
GW 62059		1/2	64	1-19-24	263
GW 62060		1/2	128	1-19-24	263
GW 62061		1/2	128	1-19-24	263
GW 62062		1/2	48	1-19-24	263
GW 62063		1/2	64	1-19-24	263
GW 62064		10/40	480	1-19-24	262
GW 62065		10/20	800	1-19-24	262
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GW 62067		10/20	800	1-19-24	262
GW 62068		10/20	800	1-19-24	262

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GW 62071		10/20	800	1-19-24	262
GW 62072		10/20	800	1-19-24	262
GW 62073		10/20	800	1-19-24	262
GW 62074		10/20	800	1-19-24	262
GW 62075		10/20	800	1-19-24	262
GW 62076		10/20	800	1-19-24	262
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GW 62083		10/20	480	1-19-24	264
GW 62084		10/20	400	1-19-24	264
GW 62085		10/20	800	1-19-24	264
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GW 62097		8/16	512	1-19-24	264
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GW 62099		8/16	512	1-19-24	264
GW 62101		8/16	512	1-19-24	264
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GW 62109		10/20	640	1-19-24	265
GW 62110		10/20	360	1-19-24	265
GW 62111		10/20	480	1-19-24	265
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GW 62118		6/12	240	1-19-24	265
GW 62119		6/12	240	1-19-24	265
GW 62120		6/12	240	1-19-24	265
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GW 62125		6/12	240	1-19-24	265
GW 62126		6/12	240	1-19-24	265
GW 62127		6/12	240	1-19-24	265
GW 62128		8/16	288	1-19-24	263
GW 62201		10/40	800	1-19-24	266
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GW 62205		10/100	2000	1-19-24	266
GW 62206		10/40	480	1-19-24	266
GW 62207		10/20	420	1-19-24	266
GW 62208		10/20	560	1-19-24	266
GW 62209		10/100	2000	1-19-24	266
GW 62210		10/40	1200	1-19-24	266
GW 62210		10/40	1200	1-19-24	754
GW 62211		10/20	420	1-19-24	266
GW 62212		10/20	420	1-19-24	266
GW 62213		8/16	336	1-19	266
GW 62214		8/16	336	1-19-24	266
GW 62215		8/16	432	1-19-24	266
GW 62216		8/32	384	1-19	266
GW 62217		8/16	336	1-19-24	266
GW 62218		8/16	288	1-19-24	266
GW 62219		8/16	336	1-19	266
GW 62220		8/32	960	1-19-24	266
GW 62221		8/32	1152	1-19-24	266
GW 62222		8/16	336	1-19-24	266
GW 62223		8/16	432	1-19-24	266
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GW 62225		10/20	420	1-19-24	267
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GW 62231		10/40	1200	1-19-24	267
GW 62232		10/40	1440	1-19-24	267
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GW 62235		8/16	480	1-19-24	267
GW 62236		8/16	384	1-19-24	267
GW 62237		8/16	320	1-19	267
GW 62238		8/16	384	1-19-24	267
GW 62239		8/16	480	1-19-24	267
GW 62240		8/16	320	1-19	267
GW 62241		8/16	480	1-19-24	267
GW 62242		8/16	384	1-19-24	267
GW 62243		8/16	288	1-19	267
GW 62244		8/16	288	1-19-24	267
GW 62245		8/16	320	1-19	267
GW 62257		1/2	80	1-19	267
GW 62258		1/2	80	1-19-24	267
GW 62259		1/2	80	1-19-24	267
GW 62260		1/2	72	1-19-24	267
GW 62261		1/2	72	1-19-24	267
GW 62262		1/2	72	1-19-24	267
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GW 62269		10/20	560	1-19-24	266
GW 62270		10/20	560	1-19-24	266
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GW 62272		10/20	560	1-19-24	266
GW 62273		10/20	560	1-19-24	266

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GW 62276		10/20	560	1-19-24	266
GW 62277		10/20	560	1-19-24	266
GW 62278		10/20	560	1-19-24	266
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GW 62280		10/20	560	1-19-24	266
GW 62281		10/20	560	1-19-24	266
GW 62282		10/20	560	1-19-24	266
GW 62283		8/16	384	1-19-24	267
GW 62365		10/40	800	1-19	267
GW 62366		10/20	400	1-19	267
GW 62401		10/40	240	1-19-24	268
GW 62402		10/20	240	1-19-24	268
GW 62403		10/20	240	1-19-24	268
GW 62404		10/40	720	1-19-24	268
GW 62405		10/20	240	1-19-24	268
GW 62406		10/20	240	1-19-24	268
GW 62407		10/20	240	1-19-24	268
GW 62408		10/40	720	1-19-24	268
GW 62409		10/40	720	1-19-24	268
GW 62410		10/20	240	1-19-24	268
GW 62411		10/20	240	1-19-24	268
GW 62412		8/16	192	1-19	268
GW 62413		8/16	192	1-19-24	268
GW 62414		8/16	192	1-19-24	268
GW 62415		8/16	192	1-19	268
GW 62416		8/16	192	1-19-24	268
GW 62417		8/16	192	1-19-24	268
GW 62418		8/16	192	1-19	268
GW 62419		8/16	192	1-19-24	268
GW 62420		8/16	192	1-19-24	268
GW 62421		7/14	168	1-19-24	268
GW 62422		7/14	168	1-19-24	268
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GW 62424		10/20	240	1-19-24	269
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GW 62426		10/40	720	1-19-24	269
GW 62427		10/20	240	1-19-24	269
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GW 62432		10/20	240	1-19-24	269
GW 62433		10/20	240	1-19-24	269
GW 62434		8/16	192	1-19-24	269
GW 62435		8/16	192	1-19-24	269
GW 62436		8/16	192	1-19	269
GW 62437		8/16	192	1-19-24	269
GW 62438		8/16	192	1-19-24	269
GW 62439		8/16	192	1-19	269
GW 62440		8/16	192	1-19-24	269
GW 62441		8/16	192	1-19-24	269
GW 62442		8/16	192	1-19	269
GW 62443		7/14	168	1-19-24	269
GW 62444		7/14	168	1-19-24	269
GW 62456		10/40	720	1-19-24	268
GW 62457		10/20	240	1-19-24	268
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GW 62459		10/20	240	1-19-24	268
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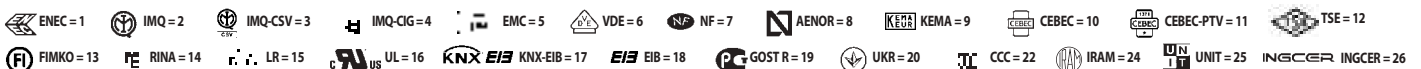
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GW 62464		10/20	240	1-19-24	268
GW 62465		10/20	240	1-19-24	268
GW 62466		10/20	240	1-19-24	268
GW 62467		10/20	240	1-19-24	268
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GW 62470		10/20	240	1-19-24	268
GW 62471		10/20	240	1-19-24	268
GW 62472		10/20	240	1-19-24	268
GW 62473		10/20	240	1-19-24	268
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GW 62475		10/20	400	1-19-24	270
GW 62476		10/20	400	1-19-24	270
GW 62477		10/20	760	1-19-24	270
GW 62478		10/20	280	1-19-24	270
GW 62479		10/20	400	1-19-24	270
GW 62480		10/20	280	1-19-24	270
GW 62481		10/20	760	1-19-24	270
GW 62482		10/20	760	1-19-24	270
GW 62483		10/20	360	1-19-24	270
GW 62484		10/20	400	1-19-24	270
GW 62485		8/16	96	1-19	270
GW 62486		8/16	288	1-19-24	270
GW 62487		8/16	288	1-19-24	270
GW 62488		8/16	288	1-19	270
GW 62489		8/16	96	1-19-24	270
GW 62490		8/16	96	1-19-24	270
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GW 62492		8/16	288	1-19-24	270
GW 62493		8/16	288	1-19-24	270
GW 62494		8/16	96	1-19-24	270
GW 62495		8/16	288	1-19-24	270
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GW 62532		1/2	48	1-19-24	271
GW 62533		1/2	48	1-19-24	271

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GW 62536		1/2	64	1-19-24	271
GW 62537		1/2	48	1-19-24	271
GW 62538		10/20	560	1-19-24	270
GW 62539		10/20	240	1-19-24	270
GW 62540		10/20	240	1-19-24	270
GW 62541		10/20	240	1-19	270
GW 62542		10/20	240	1-19-24	270
GW 62543		10/20	240	1-19-24	270
GW 62544		10/20	240	1-19-24	270
GW 62545		10/20	240	1-19-24	270
GW 62546		10/20	240	1-19-24	270
GW 62547		10/20	240	1-19-24	270
GW 62548		10/20	240	1-19	270
GW 62549		10/20	240	1-19-24	270
GW 62550		10/20	240	1-19-24	270
GW 62551		10/20	240	1-19-24	270
GW 62552		10/20	240	1-19-24	270
GW 62553		10/20	240	1-19-24	270
GW 62554		10/20	240	1-19-24	270
GW 62555		10/20	240	1-19-24	270
GW 62556		8/16	192	1-19-24	269
GW 62557		8/16	128	1-19-24	271

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GW 63002		20	640	1-19-24	253
GW 63003		16	512	1-19-24	253
GW 63004		40	1680	1-19-24	253
GW 63005		20	640	1-19-24	253
GW 63006		16	384	1-19-24	253
GW 63007		20	520	1-19-24	253
GW 63008		40	1680	1-19-24	253
GW 63009		32	576	1-19-24	253
GW 63010		20	640	1-19-24	253
GW 63011		16	512	1-19-24	253
GW 63023		16	512	1-19-24	253
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GW 63054		2/4	96	1-19-24	263
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GW 63246		2/4	160	1-19-24	267
GW 63247		2/4	144	1-19-24	267



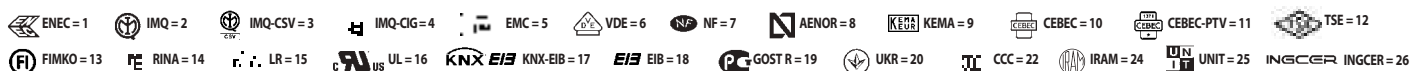
①=May 2010 ②=June 2010 ③=September 2010

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GW 63249		2/4	160	1-19-24	267
GW 63250		2/4	160	1-19-24	267
GW 63251		2/4	160	1-19-24	267
GW 63252		2/4	160	1-19-24	267
GW 63253		2/4	144	1-19-24	267
GW 63254		2/4	144	1-19-24	267
GW 63255		2/4	160	1-19-24	267
GW 63256		2/4	160	1-19-24	267
GW 63445		2/4	96	1-19-24	269
GW 63446		2/4	96	1-19-24	269
GW 63447		2/4	96	1-19-24	269
GW 63448		2/4	96	1-19-24	269
GW 63449		2/4	96	1-19-24	269
GW 63450		2/4	96	1-19-24	269
GW 63451		2/4	128	1-19-24	269
GW 63452		2/4	96	1-19-24	269
GW 63453		2/4	96	1-19-24	269
GW 63454		2/4	128	1-19-24	269
GW 63455		2/4	128	1-19-24	269
GW 63519		2/4	96	1-19-24	271
GW 63520		2/4	96	1-19-24	271
GW 63521		2/4	96	1-19-24	271
GW 63522		2/4	96	1-19-24	271
GW 63523		2/4	96	1-19-24	271
GW 63524		2/4	96	1-19-24	271
GW 63525		2/4	96	1-19-24	271
GW 63526		2/4	216	1-19-24	271
GW 63527		2/4	216	1-19-24	271
GW 63528		2/4	96	1-19-24	271
GW 63529		2/4	96	1-19-24	271

GW64					
GW 64008		5/20	240	19	272
GW 64010		5/20	600	19	272
GW 64011		5/10	120	19	272
GW 64012		5/10	80	19	272
GW 64013		5/10	280	19	272
GW 64014		5/10	180	19	272
GW 64022		5/10	180	19	272
GW 64023		5/10	100	19	272
GW 64024		5/10	180	19	272
GW 64025		5/10	90	19	272
GW 64026		5/10	80	19	272
GW 64027		5/10	180	19	272
GW 64028		5/10	240	19	272
GW 64050		1/6	60	19	272
GW 64052		1/6	144	19	272
GW 64055		1/3	84	19	272
GW 64056		1/3	84	19	272
GW 64059		5/10	100	19	273
GW 64060		5/10	100	19	273
GW 64061		1/5	50	19	273
GW 64062		5/10	240	19	273
GW 64063		5/10	80	19	273
GW 64064		1/5	60	19	273
GW 64065		1/2	32	19	273
GW 64066		10/20	480	19	273
GW 64067		10/20	240	19	273
GW 64068		1/4	200	19	272
GW 64203		10/40	960	19	274

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GW 64206		10/40	2880	19	274
GW 64207		10/40	480	19	274
GW 64208		10/40	1920	19	274
GW 64209		10/40	720	19	274
GW 64210		10/40	960	19	274
GW 64211		10/40	2880	2-19	274
GW 64212		10/40	2880	19	274
GW 64216		10/40	480	19	274
GW 64217		10/40	480	19	274
GW 64221		5/20	320	19	275
GW 64222		5/20	240	19	275
GW 64223		5/20	240	19	275
GW 64231		5/20	240	19	275
GW 64232		5/20	600	19	275
GW 64236		5/10	60	19	275
GW 64237		5/10	60	19	275
GW 64256		1/3	33	19	276
GW 64263		1/6	60	19	276
GW 64265		5/20	240	19	276

GW66					
GW 66001		1/12	192	1-19-24	302
GW 66002		1/12	144	1-19-24	302
GW 66003		1/12	144	1-19-24	302
GW 66004		1/12	384	1-19-24	302
GW 66005		1/12	144	1-19-24	302
GW 66006		1/12	144	1-19-24	302
GW 66007		1/12	144	1-19-24	302
GW 66008		1/12	384	1-19-24	302
GW 66009		1/12	384	1-19-24	302
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GW 66018		1/12	144	1-19-24	302
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GW 66038		1/12	96	2-19-24	303
GW 66039		1/12	96	2-19-24	303



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GW 66042		1/12	240	2-19-24	303
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GW 66053 N	②	1/12	0		283
GW 66054 N	②	1/12	0		283
GW 66055 N	②	1/12	0		283
GW 66056 N	②	1/12	0		283
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GW 66062 N	②	1/12	0		283
GW 66063 N	②	1/12	0		283
GW 66064 N	②	1/12	0		283
GW 66065 N	②	1/12	0		283
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GW 66068 N	②	1/12	0		283
GW 66069 N	②	1/12	0		283
GW 66070 N	②	1/12	0		283
GW 66101		1/12	144	1-19-24	302
GW 66102		1/12	144	1-19-24	302
GW 66103		1/12	144	1-19	302
GW 66104		1/12	384	1-19-24	302
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GW 66106		1/12	144	1-19-24	302
GW 66107		1/12	144	1-19-24	302
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GW 66110		1/12	144	1-19-24	302
GW 66111		1/12	144	1-19-24	302
GW 66112		1/12	144	1-19-24	302
GW 66113		1/12	144	1-19-24	302
GW 66114		1/12	144	1-19-24	302
GW 66115		1/12	192	1-19-24	302
GW 66116		1/12	144	1-19-24	302
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GW 66118		1/12	144	1-19-24	302
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GW 66125		1/12	96	2-19-24	303
GW 66126		1/12	240	2-19-24	303
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GW 66128		1/12	96	2-19-24	303
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GW 66130		1/12	240	2-19-24	303
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GW 66133		1/12	96	2-19-24	303
GW 66134		1/12	96	2-19-24	303
GW 66135		1/12	96	2-19-24	303
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GW 66138		1/12	96	2-19-24	303

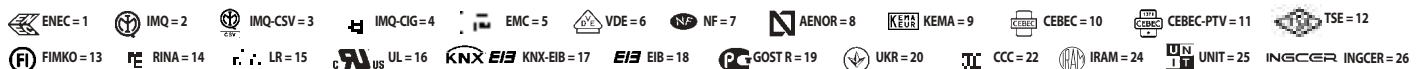
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GW 66144		1/12	96	2-19-24	303
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GW 66155 N	②	1/12	0		282
GW 66156 N	②	1/12	0		282
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GW 66206		1/12	96	19-24	307
GW 66206 N	②	1/12	0		285
GW 66207		1/12	144	19-24	307
GW 66207 N	②	1/12	0		285
GW 66208		1/12	288	19-24	307
GW 66208 N	②	1/12	0		285
GW 66209		1/12	288	19-24	307
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GW 66211		1/12	96	19-24	307
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GW 66212		1/12	96	19-24	307
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GW 66213		1/12	96	19-24	307
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GW 66214		1/12	96	19-24	307
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GW 66216		1/12	96	19-24	307
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GW 66217		1/12	96	19-24	307
GW 66217 N	②	1/12	0		285
GW 66218		1/12	144	19-24	307
GW 66218 N	②	1/12	0		285
GW 66219		1/12	288	19-24	307



①=May 2010 ②=June 2010 ③=September 2010

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GW 66221		1/12	96	19-24	307
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GW 66222		1/12	96	19-24	307
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GW 66223		1/12	96	19	309
GW 66223 N	②	1/12	0		287
GW 66224		1/12	96	19-24	309
GW 66224 N	②	1/12	0		287
GW 66225		1/12	96	19-24	309
GW 66225 N	②	1/12	0		287
GW 66226		1/12	240	19	309
GW 66226 N	②	1/12	0		287
GW 66227		1/12	96	19-24	309
GW 66227 N	②	1/12	0		287
GW 66228		1/12	96	19-24	309
GW 66228 N	②	1/12	0		287
GW 66229		1/12	96	19	309
GW 66229 N	②	1/12	0		287
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GW 66231		1/12	240	19-24	309
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GW 66233		1/12	96	19-24	309
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GW 66238		1/12	96	19-24	309
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GW 66240		1/12	96	19-24	309
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GW 66257		1/12	96	19-24	307
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GW 66258		1/12	96	19-24	309
GW 66258 N	②	1/12	0		287
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GW 66302		1/12	96	19-24	306

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GW 66304		1/12	288	19-24	306
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GW 66305		1/12	96	19-24	306
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GW 66306		1/12	144	19-24	306
GW 66306 N	②	1/12	0		284
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GW 66308		1/12	288	19-24	306
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GW 66312		1/12	96	19-24	306
GW 66312 N	②	1/12	0		284
GW 66313		1/12	96	19-24	306
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GW 66321		1/12	144	19-24	306
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GW 66322		1/12	96	19-24	306
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GW 66326 N	②	1/12	0		286
GW 66327		1/12	96	19-24	308
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GW 66329		1/12	96	19	308
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GW 66330		1/12	240	19-24	308
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GW 66331		1/12	240	19-24	308
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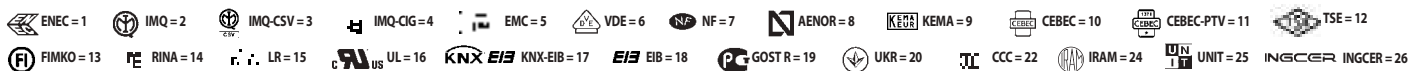
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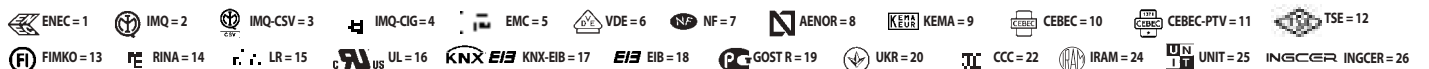
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GW 66335		1/12	96	19-24	308
GW 66335 N	②	1/12	0		286
GW 66336		1/12	96	19-24	308
GW 66336 N	②	1/12	0		286
GW 66337		1/12	96	19-24	308
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GW 66338		1/12	96	19-24	308
GW 66338 N	②	1/12	0		286
GW 66339		1/12	96	19-24	308
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GW 66340		1/12	96	19-24	308
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GW 66341		1/12	240	19-24	308
GW 66341 N	②	1/12	0		286
GW 66342		1/12	240	19-24	308
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GW 66343		1/12	96	19-24	308
GW 66343 N	②	1/12	0		286
GW 66344		1/12	96	19-24	308
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GW 66346		1/4	48	19-24	308
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GW 66347		1/4	48	19-24	308
GW 66347 N	②	1/4	0		286
GW 66348		1/4	48	19-24	308
GW 66348 N	②	1/4	0		286
GW 66349		1/4	48	19-24	308
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GW 66350		1/4	48	19-24	308
GW 66350 N	②	1/4	0		286
GW 66351		1/4	48	19-24	308
GW 66351 N	②	1/4	0		286
GW 66352		1/4	120	19-24	308
GW 66352 N	②	1/4	0		286
GW 66353		1/4	120	19-24	308
GW 66353 N	②	1/4	0		286
GW 66354		1/4	48	19-24	308
GW 66354 N	②	1/4	0		286
GW 66355		1/4	48	19-24	308
GW 66355 N	②	1/4	0		286
GW 66357		1/12	144	19-24	306
GW 66357 N	②	1/12	0		284
GW 66358		1/12	96	19-24	308
GW 66358 N	②	1/12	0		286
GW 66359		1/4	128	19	306
GW 66359 N	②	1/4	0		284
GW 66360		1/4	80	19	308
GW 66388		1	6		345
GW 66389		1	6		345
GW 66391		1/2	36	19	326
GW 66392		1/2	24	19	326
GW 66393		1/2	24	19	326
GW 66394		1	18	19	326
GW 66395		1	18	19	326
GW 66396		1	18	19	326

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		PACK/ CARTON	PALLET		
GW 66397		1	18	19	326
GW 66401		1/12	192	1-19-24	298
GW 66402		1/12	192	1-19-24	298
GW 66403		1/12	192	1-19-24	298
GW 66404		1/12	336	1-19-24	298
GW 66405		1/12	192	1-19-24	298
GW 66406		1/12	192	1-19-24	298
GW 66407		1/12	192	1-19-24	298
GW 66408		1/12	336	1-19-24	298
GW 66409		1/12	192	1-19-24	298
GW 66412		1/12	192	1-19-24	298
GW 66413		1/12	192	1-19-24	298
GW 66414		1/12	192	1-19-24	298
GW 66415		1/12	192	1-19-24	298
GW 66416		1/12	192	1-19-24	298
GW 66417		1/12	192	1-19-24	298
GW 66418		1/12	192	1-19-24	298
GW 66419		1/12	336	1-19-24	298
GW 66420		1/12	168	1-19-24	298
GW 66423		1/12	192	1-19-24	298
GW 66424		1/12	192	1-19-24	298
GW 66425		1/12	192	1-19-24	298
GW 66426		1/12	336	1-19-24	298
GW 66427		1/12	192	1-19-24	298
GW 66428		1/12	192	1-19-24	298
GW 66429		1/12	192	1-19-24	298
GW 66430		1/12	336	1-19-24	298
GW 66431		1/12	168	1-19-24	298
GW 66434		1/12	192	1-19-24	298
GW 66435		1/12	192	1-19-24	298
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GW 66437		1/12	192	1-19-24	298
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GW 66439		1/12	192	1-19-24	298
GW 66440		1/12	192	1-19-24	298
GW 66441		1/12	168	1-19-24	298
GW 66442		1/12	168	1-19-24	298
GW 66445		1/12	192	2-19-24	299
GW 66446		1/12	192	2-19-24	299
GW 66447		1/12	192	2-19-24	299
GW 66448		1/12	336	2-19-24	299
GW 66449		1/12	96	2-19-24	299
GW 66450		1/12	192	2-19-24	299
GW 66451		1/12	192	2-19-24	299
GW 66452		1/12	168	2-19-24	299
GW 66453		1/12	192	2-19-24	299
GW 66456		1/12	120	2-19-24	299
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GW 66462		1/12	96	2-19-24	299
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GW 66469		1/12	192	2-19-24	299
GW 66470		1/12	336	2-19-24	299
GW 66471		1/12	192	2-19-24	299
GW 66472		1/12	192	2-19-24	299



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		PACK/ CARTON	PALLET		
GW 66473		1/12	192	2-19-24	299
GW 66474		1/12	336	2-19-24	299
GW 66475		1/12	168	2-19-24	299
GW 66478		1/12	96	2-19-24	299
GW 66479		1/12	96	2-19-24	299
GW 66480		1/12	96	2-19-24	299
GW 66481		1/12	96	2-19-24	299
GW 66482		1/12	96	2-19-24	299
GW 66483		1/12	96	2-19-24	299
GW 66484		1/12	96	2-19-24	299
GW 66485		1/12	288	2-19-24	299
GW 66486		1/12	96	2-19-24	299
GW 66491		1/12	360	2-19-24	301
GW 66491		1/12	360	2-19-24	323
GW 66491		1/12	360	2-19-24	329
GW 66492		1/6	168	2-19	301
GW 66492		1/6	168	2-19	323
GW 66492		1/6	168	2-19	329
GW 66493		1/4	120	2-19	301
GW 66493		1/4	120	2-19	323
GW 66493		1/4	120	2-19	329
GW 66496		1/12	864		300
GW 66498		1/12	432	19	300
GW 66501		1/6	48	19	291
GW 66502		1/6	24	19	291
GW 66503		1/6	48	19	291
GW 66504		1/6	48	19	291
GW 66505		1/6	48	19	291
GW 66506		1/6	48	19	291
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GW 66535		1/6	48	19	290
GW 66536		1/6	48	19	290
GW 66537		1/6	48	19	290
GW 66538		1/6	48	19	290

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		PACK/ CARTON	PALLET		
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GW 66597		1	8	19	297
GW 66598		1	8	19	297
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GW 66604		1/5	160	19-24	314
GW 66608		1/5	160	19-24	314
GW 66609		1/5	160	19-24	314
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GW 66615		1/6	48	19-24	314
GW 66619		1/6	96	19-24	314
GW 66620		1/6	96	19-24	314
GW 66635		1/5	160	19-24	314
GW 66637		1/5	160	19-24	314
GW 66641		1/5	80	19-24	314
GW 66642		1/5	160	19-24	314
GW 66646		1/6	96	19-24	314
GW 66648		1/6	48	19-24	314
GW 66652		1/6	96	19-24	314
GW 66653		1/6	96	19-24	314
GW 66668		1/12	240	2-19-24	315
GW 66669		1/6	120	2-19-24	315
GW 66670		1/4	48	2-19-24	315
GW 66671		1/14	168	2-19-24	315
GW 66672		10/100	2800	2-19	315
GW 66673		10/120	4800	2-19	315
GW 66676		1/10	900	19	304
GW 66677		1/10	540	19	305
GW 66678		1/12	588	19	310
GW 66678 N	②	1/12	0		288



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②=June 2010

③=September 2010

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GW 66681		1/10	420	2-19-24	304
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GW 66686		1/10	120	19	288
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GW 66689		1/6	180	2-19	312
GW 66690		1/6	288	2-19	288
GW 66690		1/6	288	2-19	310
GW 66691		1/6	144	2-19-24	288
GW 66691		1/6	144	2-19-24	310
GW 66692		1/8	160	2-19-24	312
GW 66693		1/14	168	2-19-24	288
GW 66693		1/14	168	2-19-24	312
GW 66694		1/6	96	2-19	288
GW 66694		1/6	96	2-19	310
GW 66695		1/5	100	2-19	312
GW 66696		1/6	108	2-19-24	296
GW 66697		1/2	40	2-19-24	296
GW 66698		1/2	36	2-19-24	296
GW 66700		1/6	72	2-19-24	296
GW 66701		1/10	1280	2-19	304
GW 66702		1/10	1100	2-19	305
GW 66703		1/10	1320	2-19	310
GW 66703 N	②	1/10	0		288
GW 66704		1/10	800	2-19	312
GW 66706		1/10	240	2-19	296
GW 66707		1/10	240	2-19	296
GW 66708		1/20	1400		603
GW 66708		1/20	1400		642
GW 66708		1/20	1400		759
GW 66708		1/20	1400		774
GW 66709		1/10	500	19	310
GW 66709 N	②	1/10	0		288
GW 66710		1/10	400	19	312
GW 66715 N	②	1/10	0		288
GW 66715 N	②	1/10	0		323
GW 66716 N	②	1/10	0		288
GW 66716 N	②	1/10	0		323
GW 66741		1/10	120	19	310
GW 66741 N	②	1/10	0		288
GW 66742		1/10	120	19	312
GW 66743		1/10	140	19	310
GW 66743 N	②	1/10	0		288
GW 66744		1/10	200	19	312
GW 66745		1/20	1400		603
GW 66745		1/20	1400		642
GW 66745		1/20	1400		759
GW 66745		1/20	1400		774
GW 66781		1/6	108	2-19-24	296
GW 66782		1/2	40	2-19-24	296
GW 66783		1/2	36	2-19-24	296
GW 66784		1/6	72	2-19-24	296
GW 66801		1/6	48	19	294
GW 66802		1/6	120	19	294
GW 66803		1/6	120	19	294

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		PACK/ CARTON	PALLET		
GW 66804		1/6	120	19	294
GW 66805		1/6	48	19	294
GW 66806		1/6	48	19	294
GW 66807		1/6	48	19	294
GW 66808		1/6	120	19	294
GW 66809		1/6	120	19	294
GW 66810		1/6	120	19	294
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GW 66812		1/6	120	19	294
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GW 66842		1/6	120	19	292
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GW 66845		1/6	120	19	292
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GW 66851		1/3	48	19	295
GW 66852		1/3	18	19	295
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GW 66855		1/3	54	19	295
GW 66856		1/3	18	19	295
GW 66857		1/3	24	19	295
GW 66866		1/3	18	19	293
GW 66867		1/3	18	19	293
GW 66868		1/3	18	19	293
GW 66869		1/3	60	19	293
GW 66870		1/3	54	19	293
GW 66871		1/3	18	19	293
GW 66872		1/3	18	19	293

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①=May 2010

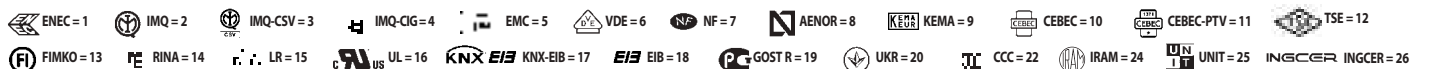
②=June 2010

③=September 2010

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		PACK/ CARTON	PALLET		
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GW 66875		1/3	18	19	293
GW 66876		1/3	18	19	293
GW 66886		1/4	48	19	294
GW 66951		1/6	48	19	295
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GW 66972		1/6	48	19	295
GW 66973		1/6	72	19	295
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GW 66998		1/4	48	19	295

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GW 67245 N	Ⓢ	1/4	0		287
GW 67246		1/4	48	19-24	309
GW 67246 N	Ⓢ	1/4	0		287
GW 67247		1/4	48	19-24	309
GW 67247 N	Ⓢ	1/4	0		287
GW 67248		1/4	48	19-24	309

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		PACK/ CARTON	PALLET		
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GW 67250		1/4	48	19-24	309
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GW 67253		1/4	120	19-24	309
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GW 67254 N	Ⓢ	1/4	0		287
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GW 67257		1/4	64	19-24	307
GW 67257 N	Ⓢ	1/4	0		285
GW 67258		1/4	64	19-24	307
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GW 67259 N	Ⓢ	1/4	0		285
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GW 67262		1/4	64	19-24	307
GW 67262 N	Ⓢ	1/4	0		285
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GW 67264		1/4	128	19-24	307
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GW 67266		1/4	64	19-24	307
GW 67266 N	Ⓢ	1/4	0		285
GW 67356		1/4	64	19-24	306
GW 67356 N	Ⓢ	1/4	0		284
GW 67357		1/4	64	19-24	306
GW 67357 N	Ⓢ	1/4	0		284
GW 67358		1/4	64	19-24	306
GW 67358 N	Ⓢ	1/4	0		284
GW 67359		1/4	64	19-24	306
GW 67359 N	Ⓢ	1/4	0		284
GW 67360		1/4	64	19-24	306
GW 67360 N	Ⓢ	1/4	0		284
GW 67361		1/4	64	19-24	306
GW 67361 N	Ⓢ	1/4	0		284
GW 67362		1/4	64	19-24	306
GW 67362 N	Ⓢ	1/4	0		284
GW 67363		1/4	64	19-24	306
GW 67363 N	Ⓢ	1/4	0		284
GW 67364		1/4	128	19-24	306
GW 67364 N	Ⓢ	1/4	0		284
GW 67365		1/4	64	19-24	306
GW 67365 N	Ⓢ	1/4	0		284
GW 67366		1/4	64	19-24	306
GW 67366 N	Ⓢ	1/4	0		284
GW 67624		1/3	18	19-24	314
GW 67630		1/3	54	19-24	314



Ⓢ=May 2010 Ⓢ=June 2010 Ⓢ=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 67631		1/3	24	19-24	314
GW 67657		1/3	54	19-24	314
GW 67663		1/3	54	19-24	314
GW 67664		1/3	54	19-24	314
GW 67804		1/6	48		389
GW 67808		1/6	48		389
GW 67809		1/6	48		389
GW 67815		1/6	96		389
GW 67819		1/6	96		389
GW 67820		1/6	48		389
GW 67850		1/6	120		389
GW 67854		1/6	120		389
GW 67855		1/6	120		389
GW 67861		1/6	96		389
GW 67865		1/6	96		389
GW 67866		1/6	96		389
GW 67873		1/6	48		389
GW 67877		1/6	48		389
GW 67878		1/6	48		389
GW 67884		1/6	96		389
GW 67888		1/6	96		389
GW 67889		1/6	48		389
GW 67896		1/3	18		389
GW 67900		1/3	18		389
GW 67901		1/3	18		389
GW 67941		1/6	48		390
GW 67945		1/6	48		390
GW 67946		1/6	48		390
GW 67952		1/6	96		390
GW 67956		1/6	96		390
GW 67957		1/6	48		390
GW 67964		1/3	18		390
GW 67968		1/3	18		390
GW 67969		1/3	18		390
GW 67981		1/10	120		390
GW 67986		1/6	36		390
GW 67987		1/2	16		390
GW 67988		1/2	12		390
GW 67989		1/6	24		390

GW68					
GW 68001		8	320	2-19-24	327
GW 68001 N	②	8	0		320
GW 68002		6	120	2-19-24	327
GW 68002 N	②	6	0		320
GW 68003		6	210	2-19-24	327
GW 68003 N	②	6	0		320
GW 68004		4	100	2-19-24	328
GW 68004 N	②	4	0		320
GW 68005		4	100	2-19-24	328
GW 68005 N	②	4	0		320
GW 68006		4	64	2-19-24	304
GW 68006		4	64	2-19-24	328
GW 68006 N	②	4	0		304
GW 68006 N	②	4	0		320
GW 68007		3	75	2-19-24	328
GW 68007 N	②	3	0		321
GW 68008		3	75	2-19-24	328
GW 68008 N	②	3	0		321
GW 68009		3	75	2-19-24	304
GW 68009		3	75	2-19-24	328

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 68009 N	②	3	0		304
GW 68009 N	②	3	0		321
GW 68010		3	75	2-19-24	311
GW 68010		3	75	2-19-24	328
GW 68010 N	②	3	0		289
GW 68010 N	②	3	0		311
GW 68010 N	②	3	0		321
GW 68011		3	75	2-19-24	313
GW 68011		3	75	2-19-24	328
GW 68012		2	40	2-19-24	329
GW 68012 N	②	2	0		321
GW 68013		2	40	2-19-24	329
GW 68013 N	②	2	0		321
GW 68014		2	40	2-19-24	305
GW 68014		2	40	2-19-24	329
GW 68014 N	②	2	0		305
GW 68014 N	②	2	0		321
GW 68015		2	40	2-19-24	311
GW 68015		2	40	2-19-24	329
GW 68015 N	②	2	0		289
GW 68015 N	②	2	0		311
GW 68015 N	②	2	0		321
GW 68016		2	40	2-19-24	313
GW 68016		2	40	2-19-24	329
GW 68017		16	320	2-19-24	327
GW 68017 N	②	16	0		320
GW 68018		12	360	2-19-24	327
GW 68018 N	②	12	0		320
GW 68019		6	120	2-19-24	304
GW 68019		6	120	2-19-24	327
GW 68019 N	②	6	0		304
GW 68019 N	②	6	0		320
GW 68020 N	②	8	0		320
GW 68021 N	②	2	0		321
GW 68022 N	②	2	0		289
GW 68022 N	②	2	0		311
GW 68022 N	②	2	0		321
GW 68023 N	②	1/3	0		322
GW 68024 N	②	1/3	0		322
GW 68025 N	②	6	0		289
GW 68025 N	②	6	0		311
GW 68025 N	②	6	0		320
GW 68031		4	96	19	327
GW 68031 N	②	4	0		320
GW 68202		1/3	30	19	331
GW 68202 N	②	1/3	0		324
GW 68203		1/3	48	19	343
GW 68203 N	②	1/3	0		341
GW 68204		1/2	40	19	343
GW 68204 N	②	1/2	0		341
GW 68205		1/3	36	19	332
GW 68205 N	②	1/3	0		324
GW 68206		1	28	19	332
GW 68206 N	②	1	0		325
GW 68207		1	28	19	332
GW 68207 N	②	1	0		325
GW 68208		1	18	19	332
GW 68208 N	②	1	0		325
GW 68212		1/8	96	19	331
GW 68212 N	②	1/8	0		324
GW 68216		1/2	40	19	344



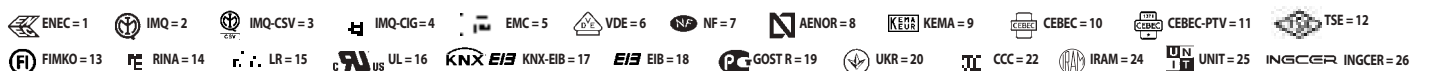
①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 68216 N	②	1/2	0		341
GW 68217		1/3	60	19	343
GW 68217 N	②	1/3	0		341
GW 68223		1/2	14	19	343
GW 68223 N	②	1/2	0		341
GW 68224		1/2	76	19	331
GW 68224 N	②	1/2	0		324
GW 68225		1/6	72	19	331
GW 68225 N	②	1/6	0		324
GW 68226		1/6	36	19	331
GW 68226 N	②	1/6	0		324
GW 68227		1/8	112	19	331
GW 68227 N	②	1/8	0		324
GW 68228		1/3	30	19	331
GW 68228 N	②	1/3	0		324
GW 68229		1	28	19	332
GW 68229 N	②	1	0		325
GW 68230 N	②	1	0		325
GW 68231 N	②	1	0		325
GW 68401		1	10	19	344
GW 68401 N	②	1	0		342
GW 68411		1	6	19	344
GW 68411 N	②	1	0		342
GW 68412		1	6	19	344
GW 68421		1	6	19	345
GW 68421 N	②	1	0		342
GW 68424		1	6	19	345
GW 68424 N	②	1	0		342
GW 68431		1	30	19	322
GW 68431		1	30	19	330
GW 68432		1	20	19	322
GW 68432		1	20	19	330
GW 68433		1	20	19	322
GW 68433		1	20	19	330
GW 68436 N	②	1/10	0		323
GW 68441		1/6	168	19	300
GW 68441		1/6	168	19	659
GW 68463		1	10	19	340
GW 68463		1	10	19	350
GW 68465		1	6	19	349
GW 68466		1	6	19	349
GW 68471		1	4	19	340
GW 68472		1	4	19	340
GW 68473		1	4	19	340
GW 68474		1	4	19	340
GW 68481		1	6	19	338
GW 68482		1	6	19	338
GW 68483		1	6	19	338
GW 68484		1	6	19	338
GW 68491		1	4	19	339
GW 68492		1	4	19	339
GW 68493		1	4	19	339
GW 68494		1	4	19	339
GW 68495		1	4	19	339
GW 68496		1	4	19	339
GW 68497		1	4	19	339
GW 68503		1/8	80		349
GW 68504		1/4	280		349
GW 68505		1/10	1440		350
GW 68511		1	6	19	337
GW 68512		1	6	19	337

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 68513		1	6	19	337
GW 68514		1	6	19	337
GW 68521		1	6		336
GW 68526		1	4		336
GW 68531		1	3		336
GW 68541	②	1	0		337
GW 68542	②	1	0		337
GW 68543	②	1	0		339
GW 68544	②	1	0		339
GW 68551	②	1	0		349
GW 68552	②	1	0		349
GW 68553	②	1	0		349
GW 68554	②	1	0		349
GW 68556	②	1	0		349
GW 68559	②	1	0		349
GW 68591	②	1/20	0		349
GW 68701 A		1	10	19	369
GW 68701 W		1	10	19	369
GW 68711 A		1	10	19	369
GW 68711 W		1	10	19	369
GW 68712 A		1	10	19	369
GW 68712 W		1	10	19	369
GW 68713 A		1	6	19	369
GW 68713 W		1	6	19	369
GW 68714 A		1	6	19	369
GW 68714 W		1	6	19	369
GW 68715 A		1	3	19	375
GW 68715 W		1	3	19	375
GW 68717 A		1	2	19	377
GW 68717 W		1	2	19	377
GW 68721 A		1	6	19	370
GW 68721 W		1	6	19	370
GW 68722 A		1	6		370
GW 68722 W		1	6		370
GW 68723 A		1	6	19	370
GW 68723 W		1	6	19	370
GW 68726 A		1	3		375
GW 68726 W		1	3		375
GW 68728 A		1	2		377
GW 68728 W		1	2		377
GW 68731 W		1/2	112	19	379
GW 68732 W		1/2	112	19	379
GW 68733 W		1/2	110	19	379
GW 68734 W		1/2	108	19	379
GW 68735 W		1/2	110	19	379
GW 68736 W		1/2	24	19	379
GW 68737 A		1/2	48	19	379
GW 68737 W		1/2	48	19	379
GW 68741 A		1/2	48	19	379
GW 68741 W		1/2	48	19	379
GW 68745 A		1/2	100	19	372
GW 68745 W		1/2	100	19	359
GW 68745 W		1/2	100	19	372
GW 68746 A		1/2	100	19	372
GW 68746 W		1/2	100	19	359
GW 68746 W		1/2	100	19	372
GW 68747 A		1/2	100	19	372
GW 68747 W		1/2	48	19	359
GW 68747 W		1/2	48	19	372
GW 68748 A		1/2	100	19	372
GW 68748 W		1/2	100	19	359



①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 68748 W		1/2	100	19	372
GW 68749 A		1/2	100	19	372
GW 68749 W		1/2	100	19	359
GW 68749 W		1/2	100	19	372
GW 68750 A		1/2	100	19	372
GW 68750 W		1/2	100	19	359
GW 68750 W		1/2	100	19	372
GW 68751		1/4	72	19	380
GW 68752		1	42	19	380
GW 68753		1	24	19	379
GW 68756		1	20	19	380
GW 68757		1	10	19	380
GW 68758		1/5	1560	19	380
GW 68761		1	16	19	380
GW 68762 A		1/2	32	19	380
GW 68762 W		1/2	32	19	380
GW 68763		1	40	19	379
GW 68764		1	21	19	379
GW 68765		1	108	19	379
GW 68766		1	72	19	379
GW 68767		1	72	19	379
GW 68768		1	72	19	379
GW 68769		1	72	19	379
GW 68776		1/5	1560	19	373
GW 68777		1	12	19	359
GW 68777		1	12	19	373
GW 68778		1/5	1560		359
GW 68779		1	12		357
GW 68779		1	12		370
GW 68780		1	18		375
GW 68780		1	18		377
GW 68781		1	198	19	359
GW 68781		1	198	19	373
GW 68782		1	16	19	359
GW 68782		1	16	19	373
GW 68785		1	72	19	267
GW 68785		1	72	19	379
GW 68786		1	72	19	267
GW 68786		1	72	19	379
GW 68788		1	312	19	359
GW 68788		1	312	19	372
GW 68789		1	312	19	359
GW 68789		1	312	19	372
GW 68790		1	50	19	359
GW 68790		1	50	19	372
GW 68791		1	50	19	359
GW 68791		1	50	19	372
GW 68792		1	110	19	372
GW 68793		1	110	19	359
GW 68793		1	110	19	372
GW 68794		1	72	19	359
GW 68794		1	72	19	372
GW 68795		1/10	1300	19	372
GW 68796		1	28	19	359
GW 68796		1	28	19	373
GW 68798		1	9	19	373
GW 68799		1	312	19	373
GW 68800		1	110		359
GW 68800		1	110		372
GW 68801 A		1	3	19	374
GW 68801 W		1	3	19	374

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 68802 A		1	3	19	374
GW 68802 W		1	3	19	374
GW 68803 A		1	3	19	374
GW 68803 W		1	4	19	374
GW 68831 A		1	2	19	376
GW 68831 W		1	2	19	376
GW 68832 A		1	2	19	376
GW 68832 W		1	2	19	376
GW 68833 A		1	2	19	376
GW 68833 W		1	2	19	376
GW 68841 A		1	10	19	366
GW 68841 W		1	10	19	366
GW 68842 A		1	10	19	366
GW 68842 W		1	8	19	366
GW 68846 A		1	10	19	366
GW 68846 W		1	10	19	366
GW 68847 A		1	10	19	366
GW 68847 W		1	10	19	366
GW 68851 A		1	6	19	367
GW 68851 W		1	6	19	367
GW 68852 A		1	6	19	367
GW 68852 W		1	6	19	367
GW 68856 A		1	8	19	367
GW 68856 W		1	8	19	367
GW 68857 A		1	6	19	367
GW 68857 W		1	6	19	367
GW 68858 A		1	6	19	367
GW 68858 W		1	6	19	367
GW 68867 A		1	2		377
GW 68867 W		1	0		377
GW 68874 A		1	0		368
GW 68874 W		1	6		368
GW 68875 A		1	0		368
GW 68875 W		1	0		368
GW 68881 A		1	10	19	346
GW 68883 A		1	10	19	346
GW 68884 A		1	10	19	346
GW 68891 A		1	6		368
GW 68891 W		1	6		368
GW 68892 A		1	6		368
GW 68892 W		1	0		368
GW 68893 A		1	0		368
GW 68893 W		1	6		368
GW 68901		1	6		356
GW 68902		1	0		356
GW 68903		1	0		356
GW 68904		1	0		356
GW 68905		1	6		356
GW 68908		1	6		356
GW 68909		1	2		356
GW 68921		1	6		357
GW 68923		1	0		357
GW 68931		1	6		357
GW 68991		1	280		358
GW 68991		1	280		371
GW 68991		1	280		378
GW 68992		1/10	3120		358
GW 68992		1/10	3120		371
GW 68992		1/10	3120		378
GW 68993		1	128		358
GW 68993		1	128		371



①=May 2010

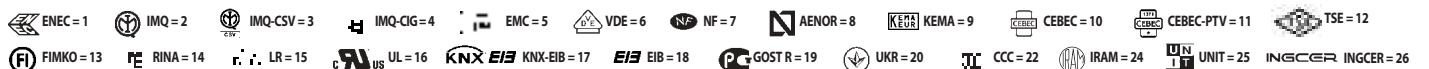
②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 68993		1	128		378
GW 68994		1	110		358
GW 68994		1	110		371
GW 68994		1	110		378
GW 68995		1	128		358
GW 68995		1	128		371
GW 68995		1	128		378

GW70					
CODE	UM	PACK/ CARTON	PALLET	MARKS	PAGE
GW 70001		1/10	400	19	383
GW 70002		1/10	400	19	383
GW 70003		1/10	400	19	383
GW 70004		1/10	400	19	383
GW 70005		1/10	400	19	383
GW 70006		1/10	400	19	383
GW 70007		1/5	300	19	383
GW 70008		1/5	250	19	383
GW 70009		1/10	1440	19	383
GW 70009		1/10	1440	19	602
GW 70009		1/10	1440	19	642
GW 70201		1/30	1200	19	383
GW 70202		1/30	1200	19	383
GW 70203		1/30	1200	19	383
GW 70204		1/24	960	19	383
GW 70205		1/24	960	19	383
GW 70206		1/24	864	19	383
GW 70207		1/12	504	19	383
GW 70208		1/12	504	19	383
GW 70401		1/16	864	19	382
GW 70402		1/16	864	19	382
GW 70403		1/16	864	19	382
GW 70404		1/16	288	19	382
GW 70405		1/16	576	19	382
GW 70406		1/16	864	19	382
GW 70407		1/6	108	19	382
GW 70408		1/6	108	19	382
GW 70409		1/20	1440	19	383
GW 70410		1/18	756	19	383
GW 70413		1/16	288	19	382
GW 70414		1/16	288	19	382
GW 70415		1/16	288	19	382
GW 70431		1/16	864	19	382
GW 70432		1/16	864	19	382
GW 70433		1/16	864	19	382
GW 70434		1/16	864	19	382
GW 70435		1/16	864	19	382
GW 70436		1/16	864	19	382
GW 70437		1/6	252	19	382
GW 70438		1/6	252	19	382
GW 70441		1/16	864	19	382
GW 70442		1/16	864	19	382
GW 70443		1/16	864	19	382
GW 70451		1	72	19	391
GW 70452		1	72	19	391
GW 70453		1	72	19	391
GW 70454		1	72	19	391
GW 70455		1	72	19	391
GW 70456		1	72	19	391
GW 70457		1	0	19	391
GW 70458		1	72	19	391
GW 70459		1	72	19	391

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 70460		1	72	19	391
GW 70471		1	72	19	391
GW 70472		1	72	19	391
GW 70473		1	72	19	391
GW 70474		1	72	19	391
GW 70475		1	72	19	391
GW 70476		1	72	19	391
GW 70477		1	72	19	391
GW 70478		1	72	19	391
GW 70479		1	72	19	391
GW 70480		1	72	19	391
GW 70501	③	1	0		382
GW 70502	③	1	0		382
GW 70503	③	1	0		382
GW 70504	③	1	0		382
GW 70505	③	1	0		382
GW 70506	③	1	0		382
GW 70507	③	1	0		382
GW 70508	③	1	0		382
GW 70509	③	1	0		382
GW 70510	③	1	0		382
GW 70511	③	1	0		382
GW 70512	③	1	0		382
GW 70513	③	1	0		382
GW 70514	③	1	0		382
GW 70515	③	1	0		382
GW 70516	③	1	0		382
GW 70531	③	1	0		384
GW 70532	③	1	0		384
GW 70533	③	1	0		384
GW 70534	③	1	0		384
GW 70535	③	1	0		384
GW 70536	③	1	0		384
GW 70537	③	1	0		384
GW 70538	③	1	0		384
GW 70539	③	1	0		384
GW 70540	③	1	0		384
GW 70541	③	1	0		384
GW 70542	③	1	0		384
GW 70543	③	1	0		384
GW 70544	③	1	0		384
GW 70545	③	1	0		384
GW 70546	③	1	0		384
GW 70547	③	1	0		384
GW 70548	③	1	0		384
GW 70549	③	1	0		384
GW 70561	③	1	0		384
GW 70562	③	1	0		384
GW 70563	③	1	0		384
GW 70564	③	1	0		384
GW 70565	③	1	0		384
GW 70566	③	1	0		384
GW 70567	③	1	0		384
GW 70568	③	1	0		384
GW 70569	③	1	0		384
GW 70570	③	1	0		384
GW 70571	③	1	0		384
GW 70572	③	1	0		384
GW 70573	③	1	0		384
GW 70574	③	1	0		384
GW 70575	③	1	0		384



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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		

GW 70576	③	1	0		384
GW 70577	③	1	0		384
GW 70578	③	1	0		384
GW 70579	③	1	0		384

GW72

GW 72001		10/100	5000	19	316
GW 72003		10/100	12500	19	316
GW 72005		10/100	12500	19	316
GW 72013		10/100	10000	19	316
GW 72015		10/100	10000	19	316
GW 72021		10/50	5000	19	316
GW 72023		10/50	5000	19	316
GW 72065		5/20	2000	19	316
GW 72092		5/20	2000	19	316
GW 72095		5/20	2000	19	316
GW 72101		10/100	10000	19	86
GW 72101		10/100	10000	19	316
GW 72101		10/100	10000	19	390
GW 72102		10/40	4000	19	316
GW 72103		10/30	3000	19	316
GW 72103		10/30	3000	19	390
GW 72104		10/100	10000	19	86
GW 72104		10/100	10000	19	316
GW 72104		10/100	10000	19	390
GW 72105		10/100	10000	19	86
GW 72105		10/100	10000	19	316
GW 72105		10/100	10000	19	390
GW 72107		10/100	10000	19	86
GW 72108		10/100	10000	19	86
GW 72109		10/100	10000	19	86
GW 72110		10/100	10000	19	86
GW 72110		10/100	10000	19	316
GW 72110		10/100	10000	19	390
GW 72111		10/100	19500	19	86
GW 72112		10/100	19500	19	86
GW 72113		10/100	19500	19	86
GW 72114		10/100	19500	19	86
GW 72115		10/100	19500	19	86
GW 72116		10/100	19500	19	86
GW 72117		10/100	19500	19	86
GW 72121		10/100	19500	19	86
GW 72122		10/100	19500	19	86
GW 72123		10/100	19500	19	86
GW 72124		10/100	4000	19	86

GW74

GW 74001		10/60	1440		677
GW 74002		10/60	1440		677
GW 74003		10/60	960		677
GW 74004		10/60	720		677
GW 74011		10/60	960		677
GW 74012		10/60	960		677
GW 74041		10/60	1440		677
GW 74042		10/60	1440		677
GW 74061		5/60	2880		322
GW 74061		5/60	2880		677
GW 74062		5/30	720		677
GW 74063		5/60	960		677
GW 74101		10/60	960		678
GW 74102		10/60	1440		678

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		

GW 74111		5/30	720		678
GW 74112		5/30	720		678
GW 74121		10/60	960		678
GW 74122		10/60	1440		678
GW 74151		10/60	960		678
GW 74152		10/60	720		678
GW 74153		10/60	960		678
GW 74154		10/60	960		678
GW 74155		10/60	720		678
GW 74201		10/60	7680	19	322
GW 74201		10/60	7680	19	654
GW 74201		10/60	7680	19	679
GW 74201		10/60	7680	19	680
GW 74202		10/60	9600	19	322
GW 74202		10/60	9600	19	654
GW 74202		10/60	9600	19	679
GW 74202		10/60	9600	19	680
GW 74203		1/60	1440		679
GW 74211		10/60	1440		679
GW 74216		5/100	2400		679
GW 74217		5/100	12300		679
GW 74218		5/100	11100		679
GW 74221		10/100	2400		679
GW 74222		5/100	2400		679
GW 74223		5/100	12300		679
GW 74224		1/50	1200		679
GW 74225		10/100	7400		679
GW 74232		1	76		392
GW 74232		1	76		681
GW 74233		1	114		392
GW 74233		1	114		681

GW76

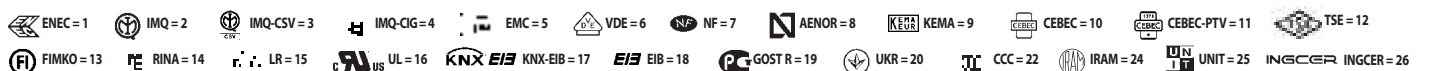
GW 76001		10/50	18000	16	404
GW 76002		10/50	18000	16	405
GW 76003		1/50	6000	16	427
GW 76004		1/50	6000	16	429
GW 76005		1/50	3600	16	431
GW 76005		1/50	3600	16	435
GW 76006		1/50	2400	16	435
GW 76007		1/25	3000	16	433
GW 76007		1/25	3000	16	437
GW 76008		1/25	1800	16	437
GW 76011		1/10	0		451
GW 76012		1/10	0		451
GW 76013		1/10	0		451
GW 76014		1/10	0		451
GW 76015		1/10	0		451
GW 76016		1/10	0		451
GW 76017		1/10	0		451
GW 76018		1/10	0		451
GW 76021		10/50	0		404
GW 76023		10/50	0		405
GW 76025		10/50	0		412
GW 76026		10/50	0		412
GW 76027		10/50	0		413
GW 76028		1/10	0		474
GW 76029		1/10	0		473
GW 76031		1/10	720	16	452
GW 76032		1/10	720	16	454
GW 76032		1/10	720	16	458



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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 76033		1/10	720	16	456
GW 76033		1/10	720	16	461
GW 76034		1/10	720	16	460
GW 76034		1/10	720	16	463
GW 76036		1/10	0		476
GW 76037		1/10	0		475
GW 76038		1/10	0		477
GW 76041		1/10	1920	16	469
GW 76041		1/10	1920	16	470
GW 76042		1/10	0	16	470
GW 76043		1/10	0	16	472
GW 76046		1/10	0		414
GW 76047		1/10	0		406
GW 76048		1/10	0		406
GW 76049		1/10	0		407
GW 76051		1/10	0		421
GW 76052		1/50	0		427
GW 76053		1/50	0		445
GW 76057		1/10	0		439
GW 76061		1/10	1600	16	428
GW 76062		1/10	1080	16	430
GW 76063		1/10	1160	16	432
GW 76063		1/10	1160	16	436
GW 76064		1/10	1350	16	436
GW 76065		1/10	1160	16	434
GW 76065		1/10	1160	16	438
GW 76066		1/10	960	16	438
GW 76071		1/10	0		422
GW 76072		1/50	0		429
GW 76073		1/50	0		446
GW 76077		1/10	0		440
GW 76078		1/10	0		452
GW 76079		1/10	0		453
GW 76080		1/10	0		464
GW 76086		1/10	2800		415
GW 76086		1/10	2800		417
GW 76088		1/10	4000		408
GW 76088		1/10	4000		410
GW 76089		1/10	0		408
GW 76089		1/10	0		410
GW 76090		1/10	0		409
GW 76090		1/10	0		411
GW 76092		1/10	4000		410
GW 76093		1/10	0		410
GW 76094		1/10	0		411
GW 76101		10/50	18000	16	404
GW 76102		10/50	18000	16	405
GW 76103		1/50	6000	16	427
GW 76104		1/50	4800	16	429
GW 76105		1/50	3600	16	431
GW 76105		1/50	3600	16	435
GW 76106		1/50	2400	16	435
GW 76107		1/25	3000	16	433
GW 76107		1/25	3000	16	437
GW 76108		1/25	1800	16	437
GW 76111		1/25	0		451
GW 76112		1/25	0		451
GW 76113		1/25	0		451
GW 76114		1/25	0		451
GW 76115		1/25	0		451
GW 76116		1/25	0		451

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 76117		1/10	0		451
GW 76118		1/10	0		451
GW 76121		10/50	0		404
GW 76123		10/50	0		405
GW 76125		10/50	0		412
GW 76126		10/50	0		412
GW 76127		10/50	0		413
GW 76128		1/10	0		474
GW 76129		1/10	0		473
GW 76131		1/10	720	16	452
GW 76132		1/10	720	16	454
GW 76132		1/10	720	16	458
GW 76133		1/10	360	16	456
GW 76133		1/10	360	16	461
GW 76134		1/10	720	16	460
GW 76134		1/10	720	16	463
GW 76136		1/10	0		476
GW 76137		1/10	0		475
GW 76138		1/10	0		477
GW 76141		1/10	1680	16	469
GW 76141		1/10	1680	16	470
GW 76142		1/10	0	16	470
GW 76143		1/10	0	16	472
GW 76146		1/10	0		414
GW 76147		1/10	0		406
GW 76148		1/10	0		406
GW 76149		1/10	0		407
GW 76151		1/10	0		421
GW 76152		1/50	0		427
GW 76153		1/50	0		445
GW 76157		1/10	0		439
GW 76161		1/10	1350	16	428
GW 76162		1/10	1350	16	430
GW 76163		1/10	1350	16	432
GW 76163		1/10	1350	16	436
GW 76164		1/10	1350	16	436
GW 76165		1/10	960	16	434
GW 76165		1/10	960	16	438
GW 76166		1/10	960	16	438
GW 76171		1/10	0		422
GW 76172		1/50	0		429
GW 76173		1/50	0		446
GW 76177		1/10	0		440
GW 76178		1/10	0		452
GW 76179		1/10	0		453
GW 76180		1/10	0		464
GW 76186		1/10	2800		415
GW 76186		1/10	2800		417
GW 76188		1/10	4000		408
GW 76188		1/10	4000		410
GW 76189		1/10	0		408
GW 76189		1/10	0		410
GW 76190		1/10	0		409
GW 76190		1/10	0		411
GW 76192		1/10	4000		410
GW 76193		1/10	0		410
GW 76194		1/10	0		411
GW 76201		10/30	7200		483
GW 76202		10/30	5040		483
GW 76203		10/30	5040		484
GW 76204		10/30	5040		484



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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 76205		10/30	2880		485
GW 76206		10/30	2880		485
GW 76207		10/30	5760		486
GW 76208		10/30	5040		486
GW 76209		10/30	3600		487
GW 76210		10/30	2880		487
GW 76211		10/30	5040		488
GW 76212		10/30	840		488
GW 76225		10/30	2160		485
GW 76226		10/30	2880		485
GW 76227		10/30	7200		486
GW 76228		10/30	3600		486
GW 76229		10/30	3600		487
GW 76230		10/30	3600		487
GW 76231		10/30	5040		488
GW 76232		10/30	2880		488
GW 76241		100/500	0		479
GW 76242		100/500	0		479
GW 76243		100/500	0		479
GW 76244		100/500	0		479
GW 76245		100/500	0		479
GW 76246		100/500	0		479
GW 76247		100/500	0		479
GW 76248		100/500	0		479
GW 76249		100/500	0		479
GW 76250		100/500	0		479
GW 76251		1	324		482
GW 76261		1/40	1680		553
GW 76261		1/40	1680		630
GW 76262		1/32	1120		553
GW 76262		1/32	1120		630
GW 76263		1/24	720		553
GW 76263		1/24	720		630
GW 76264		1/16	384		553
GW 76264		1/16	384		630
GW 76265		1/8	224		553
GW 76265		1/8	224		630
GW 76266		1/4	120		553
GW 76266		1/4	120		630
GW 76267		1	60		553
GW 76267		1	60		630
GW 76272		1/10	1950		392
GW 76272		1/10	1950		554
GW 76272		1/10	1950		555
GW 76272		1/10	1950		630
GW 76273		1/10	1600		392
GW 76273		1/10	1600		554
GW 76273		1/10	1600		555
GW 76273		1/10	1600		630
GW 76274		1/10	1280		392
GW 76274		1/10	1280		554
GW 76274		1/10	1280		555
GW 76274		1/10	1280		630
GW 76275		1/5	720		392
GW 76275		1/5	720		554
GW 76275		1/5	720		555
GW 76275		1/5	720		630
GW 76276		1/5	720		392
GW 76276		1/5	720		554
GW 76276		1/5	720		555
GW 76276		1/5	720		630

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 76277		1/5	720		554
GW 76277		1/5	720		630
GW 76281		1/40	1680		553
GW 76281		1/40	1680		630
GW 76282		1/32	960		553
GW 76282		1/32	960		630
GW 76283		1/24	720		553
GW 76283		1/24	720		630
GW 76284		1/16	384		553
GW 76284		1/16	384		630
GW 76285		1/8	224		553
GW 76285		1/8	224		630
GW 76286		1/4	120		553
GW 76286		1/4	120		630
GW 76287		1	60		553
GW 76287		1	60		630
GW 76291		1/40	1680		392
GW 76291		1/40	1680		555
GW 76291		1/40	1680		630
GW 76292		1/32	1152		392
GW 76292		1/32	1152		555
GW 76292		1/32	1152		630
GW 76293		1/24	720		392
GW 76293		1/24	720		555
GW 76293		1/24	720		630
GW 76294		1/16	384		392
GW 76294		1/16	384		555
GW 76294		1/16	384		630
GW 76295		1/8	192		392
GW 76295		1/8	192		555
GW 76295		1/8	192		630
GW 76296		1/4	120		392
GW 76296		1/4	120		555
GW 76296		1/4	120		630
GW 76301		1/10	1200		514
GW 76302		1/10	600		514
GW 76303		1/10	400		514
GW 76304		1/10	440		514
GW 76305		1/10	480		514
GW 76306		1/10	440		514
GW 76307		1/5	330		514
GW 76308		1/5	240		514
GW 76309		1/5	140		514
GW 76310		1/5	140		514
GW 76311		1/10	960		515
GW 76312		1/10	480		515
GW 76313		1/10	640		515
GW 76314		1/10	320		515
GW 76315		1/10	270		515
GW 76316		1/10	270		515
GW 76317		1/5	480		515
GW 76318		1/5	240		515
GW 76319		1/5	140		515
GW 76320		1/5	140		515
GW 76321		1/2	72		515
GW 76322		1/10	850		518
GW 76323		1/10	320		518
GW 76324		1/10	840		518
GW 76325		1/10	480		518
GW 76326		1/5	600		518
GW 76327		1/5	300		518



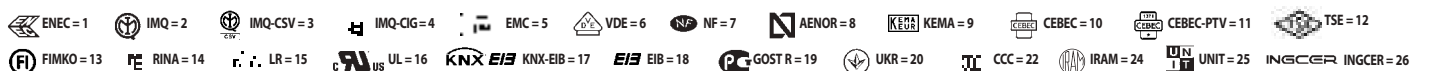
①=May 2010

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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 76328		1/5	330		518
GW 76329		1/5	165		518
GW 76351		1/10	480		514
GW 76352		1/10	600		514
GW 76353		1/10	400		514
GW 76354		1/10	440		514
GW 76355		1/10	440		514
GW 76356		1/10	440		514
GW 76357		1/5	240		514
GW 76358		1/5	240		514
GW 76359		1/5	140		514
GW 76360		1/5	140		514
GW 76361		1/10	480		515
GW 76362		1/10	480		515
GW 76363		1/10	320		515
GW 76364		1/10	320		515
GW 76365		1/10	270		515
GW 76366		1/10	270		515
GW 76367		1/5	240		515
GW 76368		1/5	80		515
GW 76369		1/5	140		515
GW 76370		1/5	140		515
GW 76371		1/2	84		515
GW 76372		1/10	850		518
GW 76373		1/10	320		518
GW 76374		1/10	480		518
GW 76375		1/10	480		518
GW 76376		1/5	540		518
GW 76377		1/5	300		518
GW 76378		1/5	165		518
GW 76379		1/5	165		518
GW 76401		1/10	1200		509
GW 76402		1/10	1680		510
GW 76403		1/10	1200		509
GW 76404		1/10	800		510
GW 76405		1/10	1440		509
GW 76406		1/10	900		510
GW 76407		1/5	990		509
GW 76408		1/5	420		510
GW 76409		1/5	240		509
GW 76410		1/5	220		510
GW 76411		1/2	352		510
GW 76412		1/10	1400		511
GW 76413		1/10	1400		511
GW 76414		1/5	1050		511
GW 76415		1/5	600		511
GW 76421		1/5	525		529
GW 76422		1/5	525		529
GW 76423		1/5	450		529
GW 76424		1/5	450		529
GW 76425		1/5	450		529
GW 76426		1/5	300		529
GW 76427		1/5	675		523
GW 76428		1/5	600		523
GW 76429		1/5	675		523
GW 76430		1/5	675		523
GW 76431		1/5	750		523
GW 76432		1/5	450		523
GW 76433		1/5	450		523
GW 76434		1/5	450		523
GW 76435		1/5	240		540

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 76436		1/5	240		540
GW 76437		1/5	240		540
GW 76438		1/5	240		540
GW 76439		1/5	450		536
GW 76440		1/5	450		536
GW 76441		1/5	450		536
GW 76442		1/5	450		536
GW 76443		1/5	525		529
GW 76444		1/5	525		529
GW 76445		1/5	450		529
GW 76446		1/5	450		529
GW 76447		1/5	450		529
GW 76448		1/5	450		529
GW 76449		1/5	675		523
GW 76450		1/5	675		523
GW 76451		1/5	1435		523
GW 76452		1/5	675		523
GW 76453		1/5	450		523
GW 76454		1/5	450		523
GW 76455		1/5	450		523
GW 76456		1/5	450		523
GW 76457		1/5	240		540
GW 76458		1/5	240		540
GW 76459		1/5	240		540
GW 76460		1/5	240		540
GW 76461		1/5	450		536
GW 76462		1/5	450		536
GW 76463		1/5	450		536
GW 76464		1/5	450		536
GW 76471		1/5	450		531
GW 76472		1/5	450		531
GW 76473		1/5	450		531
GW 76474		1/5	360		531
GW 76475		1/5	480		531
GW 76476		1/5	480		531
GW 76477		1/5	900		525
GW 76478		1/5	900		525
GW 76479		1/5	450		525
GW 76480		1/5	450		525
GW 76481		1/5	270		525
GW 76482		1/5	450		525
GW 76483		1/5	300		525
GW 76484		1/5	300		525
GW 76485		1/5	450		531
GW 76486		1/5	450		531
GW 76487		1/5	450		531
GW 76488		1/5	450		531
GW 76489		1/5	480		531
GW 76490		1/5	480		531
GW 76491		1/5	900		525
GW 76492		1/5	900		525
GW 76493		1/5	450		525
GW 76494		1/5	450		525
GW 76495		1/5	450		525
GW 76496		1/5	450		525
GW 76497		1/5	300		525
GW 76498		1/5	300		525
GW 76501		1/10	2400		522
GW 76502		1/10	2400		522
GW 76503		1/10	1200		521
GW 76504		1/10	2000		521



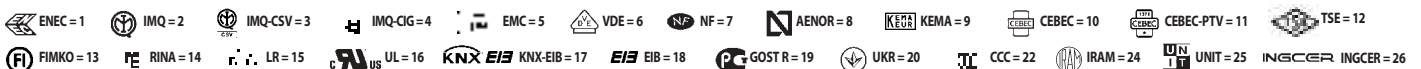
①=May 2010

②=June 2010

③=September 2010

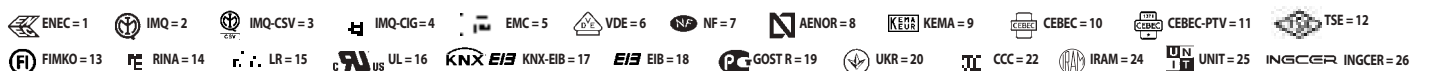
CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
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GW 76506		1/10	1050		521
GW 76507		1/10	1200		522
GW 76508		1/10	720		521
GW 76509		1/5	1120		522
GW 76510		1/5	560		521
GW 76511		1/5	260		525
GW 76512		1/5	320		523
GW 76513		1/2	144		525
GW 76514		1/2	288		525
GW 76515		1/2	144		525
GW 76516		1/2	120		523
GW 76517		1/2	120		523
GW 76518		1/2	120		523
GW 76519		1/10	1750		528
GW 76520		1/10	1800		527
GW 76521		1/10	1120		528
GW 76522		1/10	1500		527
GW 76523		1/5	900		528
GW 76524		1/5	950		527
GW 76525		1/5	210		531
GW 76526		1/5	420		531
GW 76527		1/5	260		531
GW 76528		1/5	255		529
GW 76529		1/5	255		529
GW 76530		1/5	255		529
GW 76531		1/10	1600		535
GW 76532		1/5	360		535
GW 76533		1/5	435		535
GW 76534		1/5	330		535
GW 76535		1/5	210		536
GW 76536		1/5	750		537
GW 76537		1/5	600		537
GW 76538		1/5	600		537
GW 76539		1/5	180		540
GW 76540		1/5	180		540
GW 76541		1/5	180		540
GW 76551		1/10	1050		522
GW 76552		1/10	2100		522
GW 76553		1/10	1200		521
GW 76554		1/10	2400		521
GW 76555		1/10	1050		522
GW 76556		1/10	960		521
GW 76557		1/10	600		522
GW 76558		1/10	750		521
GW 76559		1/5	520		522
GW 76560		1/5	520		521
GW 76561		1/5	260		525
GW 76562		1/5	320		523
GW 76563		1/2	144		525
GW 76564		1/2	288		525
GW 76565		1/2	144		525
GW 76566		1/2	120		523
GW 76567		1/2	120		523
GW 76568		1/2	120		523
GW 76569		1/10	1120		528
GW 76570		1/10	960		527
GW 76571		1/10	960		528
GW 76572		1/10	660		527
GW 76573		1/5	800		528
GW 76574		1/5	360		527

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 76575		1/5	260		531
GW 76576		1/5	210		531
GW 76577		1/5	260		531
GW 76578		1/5	255		529
GW 76579		1/5	255		529
GW 76580		1/5	255		529
GW 76581		1/10	800		535
GW 76582		1/5	360		535
GW 76583		1/5	435		535
GW 76584		1/5	280		535
GW 76585		1/5	210		536
GW 76586		1/5	375		537
GW 76587		1/5	360		537
GW 76588		1/5	300		537
GW 76589		1/5	180		540
GW 76590		1/5	180		540
GW 76591		1/5	180		540
GW 76601		1/10	290		514
GW 76602		1/10	290		514
GW 76603		1/10	380		514
GW 76604		1/10	320		514
GW 76605		1/5	240		514
GW 76606		1/5	240		514
GW 76607		1/10	320		515
GW 76608		1/10	320		515
GW 76609		1/10	320		515
GW 76610		1/10	320		515
GW 76611		1/5	200		515
GW 76612		1/5	200		515
GW 76613		1/10	380		518
GW 76614		1/10	150		518
GW 76615		1/10	320		518
GW 76616		1/10	380		518
GW 76617		1/5	300		518
GW 76618		1/5	300		518
GW 76631		1/10	0		514
GW 76632		1/10	0		514
GW 76633		1/10	570		514
GW 76634		1/10	570		514
GW 76635		1/5	240		514
GW 76636		1/5	240		514
GW 76637		1/10	480		515
GW 76638		1/10	480		515
GW 76639		1/10	480		515
GW 76640		1/10	480		515
GW 76641		1/5	200		515
GW 76642		1/5	200		515
GW 76643		1/10	0		518
GW 76644		1/10	570		518
GW 76645		1/10	570		518
GW 76646		1/10	570		518
GW 76647		1/5	300		518
GW 76648		1/5	300		518
GW 76661		1/10	600		509
GW 76662		1/10	540		509
GW 76663		1/5	500		509
GW 76664		1/10	0		510
GW 76665		1/10	570		510
GW 76666		1/5	360		510
GW 76667		1/10	540		511
GW 76668		1/10	540		511



CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 76669		1/5	500		511
GW 76681		1/10	400		522
GW 76682		1/10	400		521
GW 76683		1/10	290		522
GW 76684		1/10	290		521
GW 76685		1/5	440		522
GW 76686		1/5	440		521
GW 76687		1/10	400		528
GW 76688		1/10	180		527
GW 76689		1/10	290		528
GW 76690		1/10	290		527
GW 76691		1/5	400		528
GW 76692		1/5	360		527
GW 76693		1/5	540		535
GW 76694		1/5	540		535
GW 76695		1/5	360		535
GW 76696		1/5	400		537
GW 76697		1/5	480		537
GW 76698		1/5	300		537
GW 76711		1/10	400		522
GW 76712		1/10	400		521
GW 76713		1/10	290		522
GW 76714		1/10	290		521
GW 76715		1/5	440		522
GW 76716		1/5	440		521
GW 76717		1/10	400		528
GW 76718		1/10	400		527
GW 76719		1/10	290		528
GW 76720		1/10	290		527
GW 76721		1/5	400		528
GW 76722		1/5	360		527
GW 76723		1/5	540		535
GW 76724		1/5	540		535
GW 76725		1/5	360		535
GW 76726		1/5	400		537
GW 76727		1/5	480		537
GW 76728		1/5	300		537
GW 76741		1/10	0		551
GW 76742		1/10	0		551
GW 76743		1/10	0		551
GW 76744		1/10	0		551
GW 76745		1/10	0		551
GW 76746		1/10	0		551
GW 76747		1/10	0		551
GW 76748		1/10	0		551
GW 76749		1/5	0		551
GW 76750		1/5	0		551
GW 76751		1/5	120		551
GW 76752		1/2	128		551
GW 76753		1/2	0		552
GW 76754		1/5	0		551
GW 76755		1/5	0		551
GW 76756		1/5	0		551
GW 76757		1/2	128		551
GW 76758		1/2	48		552
GW 76759		1/5	150		551
GW 76760		1/5	80		551
GW 76761		1/5	80		551
GW 76762		1/2	128		551
GW 76763		1/2	0		552
GW 76764		1/5	150		551

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 76765		1/5	80		551
GW 76766		1/5	0		551
GW 76767		1/2	0		551
GW 76768		1/2	0		552
GW 76801		10/50	6000		490
GW 76802		10/50	6000		489
GW 76803		10/50	6000		490
GW 76804		10/50	6000		489
GW 76805		1/25	2400		544
GW 76806		1/25	1800		544
GW 76807		1/25	1200		544
GW 76808		1/10	720		544
GW 76809		1/25	1200		545
GW 76810		1/25	500		545
GW 76811		1/25	400		545
GW 76812		1/10	420		545
GW 76813		1/25	4875		544
GW 76814		1/25	2400		544
GW 76815		1/25	1200		544
GW 76816		1/25	1200		544
GW 76817		1/10	720		544
GW 76818		1/25	750		545
GW 76819		1/25	675		545
GW 76820		1/25	675		545
GW 76821		1/25	975		545
GW 76822		1/10	360		545
GW 76825		10/100	12000		547
GW 76825		10/100	12000		554
GW 76825		10/100	12000		698
GW 76826		10/100	12000		547
GW 76826		10/100	12000		554
GW 76826		10/100	12000		698
GW 76827		10/100	12000		547
GW 76827		10/100	12000		554
GW 76827		10/100	12000		698
GW 76828		5/50	6000		547
GW 76828		5/50	6000		554
GW 76828		5/50	6000		698
GW 76829		5/50	6000		547
GW 76829		5/50	6000		554
GW 76829		5/50	6000		698
GW 76830		5/50	2400		547
GW 76830		5/50	2400		554
GW 76830		5/50	2400		698
GW 76831		10/100	12000		547
GW 76831		10/100	12000		554
GW 76831		10/100	12000		698
GW 76832		10/100	9000		547
GW 76832		10/100	9000		554
GW 76832		10/100	9000		698
GW 76833		5/50	6000		547
GW 76833		5/50	6000		554
GW 76833		5/50	6000		698
GW 76834		5/50	6000		547
GW 76834		5/50	6000		554
GW 76834		5/50	6000		698
GW 76834		5/50	6000		547
GW 76835		2/10	720		547
GW 76835		2/10	720		554
GW 76835		2/10	720		698
GW 76836		10/50	12000		482
GW 76837		1/50	12500		546



①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 76839		1/50	24000		546
GW 76841		1/50	6000		547
GW 76841		1/50	6000		698
GW 76842		1/50	6000		547
GW 76842		1/50	6000		698
GW 76843		1/50	6000		547
GW 76843		1/50	6000		698
GW 76844		1/50	9000		547
GW 76844		1/50	9000		698
GW 76845		1/10	2500		547
GW 76845		1/10	2500		698
GW 76846		1/10	960		547
GW 76846		1/10	960		698
GW 76847		1/10	720		547
GW 76847		1/10	720		698
GW 76848		1/50	12500		547
GW 76848		1/50	12500		698
GW 76849		1/50	4800		547
GW 76849		1/50	4800		698
GW 76850		1/10	3850		547
GW 76850		1/10	3850		698
GW 76851		1/10	2500		547
GW 76851		1/10	2500		698
GW 76852		1/10	720		547
GW 76852		1/10	720		698
GW 76865		10/100	6600		549
GW 76865		10/100	6600		698
GW 76866		10/100	0		549
GW 76866		10/100	0		698
GW 76867		10/100	4800		549
GW 76867		10/100	4800		698
GW 76868		5/50	13200		549
GW 76868		5/50	13200		698
GW 76869		5/50	1800		549
GW 76869		5/50	1800		698
GW 76870		10/100	4400		549
GW 76870		10/100	4400		698
GW 76871		10/100	4400		549
GW 76871		10/100	4400		698
GW 76872		5/50	2200		549
GW 76872		5/50	2200		698
GW 76873		5/50	2200		549
GW 76873		5/50	2200		698
GW 76874		50/500	0		481
GW 76875		50/500	0		481
GW 76876		50/500	0		481
GW 76877		10/100	50000		482
GW 76878		10/100	50000		482
GW 76879		1	0		482
GW 76880		540	0		482
GW 76881		100	0		481
GW 76882		100	0		481
GW 76883		100	0		481
GW 76896		10/100	4800		547
GW 76896		10/100	4800		554
GW 76896		10/100	4800		698
GW 76897		2/10	1440		547
GW 76897		2/10	1440		554
GW 76897		2/10	1440		698
GW 76901		10/100	8700		394
GW 76901		10/100	8700		556

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 76901		10/100	8700		701
GW 76902		10/100	8700		394
GW 76902		10/100	8700		556
GW 76902		10/100	8700		701
GW 76903		10/100	7800		394
GW 76903		10/100	7800		556
GW 76903		10/100	7800		701
GW 76904		10/100	7800		394
GW 76904		10/100	7800		556
GW 76904		10/100	7800		701
GW 76905		10/100	7800		394
GW 76905		10/100	7800		556
GW 76905		10/100	7800		701
GW 76906		5/50	3900		394
GW 76906		5/50	3900		556
GW 76906		5/50	3900		701
GW 76907		5/50	3200		394
GW 76907		5/50	3200		556
GW 76907		5/50	3200		701
GW 76908		5/50	1500		394
GW 76908		5/50	1500		556
GW 76908		5/50	1500		701
GW 76909		2/10	580		394
GW 76909		2/10	580		556
GW 76909		2/10	580		701
GW 76910		2/10	780		394
GW 76910		2/10	780		556
GW 76910		2/10	780		701
GW 76921		10/100	8700		394
GW 76921		10/100	8700		556
GW 76921		10/100	8700		701
GW 76922		10/100	8700		394
GW 76922		10/100	8700		556
GW 76922		10/100	8700		701
GW 76923		10/100	7800		394
GW 76923		10/100	7800		556
GW 76923		10/100	7800		701
GW 76924		10/100	3000		394
GW 76924		10/100	3000		556
GW 76924		10/100	3000		701
GW 76925		5/50	400		394
GW 76925		5/50	400		556
GW 76925		5/50	400		701
GW 76926		5/50	1500		394
GW 76926		5/50	1500		556
GW 76926		5/50	1500		701
GW 76927		2/10	580		394
GW 76927		2/10	580		556
GW 76927		2/10	580		701
GW 76928		2/10	200		394
GW 76928		2/10	200		556
GW 76928		2/10	200		701
GW 76941		25/100	19500		394
GW 76941		25/100	19500		557
GW 76941		25/100	19500		701
GW 76942		25/100	19500		394
GW 76942		25/100	19500		557
GW 76942		25/100	19500		701
GW 76943		10/50	3900		394
GW 76943		10/50	3900		557
GW 76943		10/50	3900		701



①=May 2010

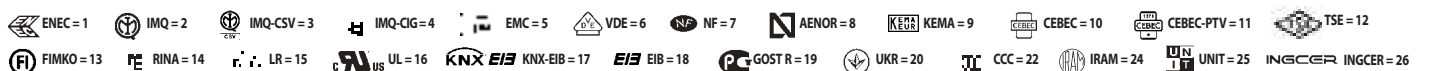
②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 76949		25/100	19500		394
GW 76949		25/100	19500		557
GW 76949		25/100	19500		701
GW 76950		10/50	1000		394
GW 76950		10/50	1000		557
GW 76950		10/50	1000		701
GW 76951		25/100	21600		394
GW 76951		25/100	21600		554
GW 76951		25/100	21600		557
GW 76951		25/100	21600		699
GW 76951		25/100	21600		701
GW 76952		25/100	19500		394
GW 76952		25/100	19500		554
GW 76952		25/100	19500		557
GW 76952		25/100	19500		699
GW 76952		25/100	19500		701
GW 76953		25/100	19500		394
GW 76953		25/100	19500		554
GW 76953		25/100	19500		557
GW 76953		25/100	19500		699
GW 76953		25/100	19500		701
GW 76954		25/100	19500		394
GW 76954		25/100	19500		554
GW 76954		25/100	19500		557
GW 76954		25/100	19500		699
GW 76954		25/100	19500		701
GW 76955		10/50	9750		394
GW 76955		10/50	9750		554
GW 76955		10/50	9750		557
GW 76955		10/50	9750		699
GW 76955		10/50	9750		701
GW 76956		10/50	9750		394
GW 76956		10/50	9750		554
GW 76956		10/50	9750		557
GW 76956		10/50	9750		699
GW 76956		10/50	9750		701
GW 76957		25/100	19500		394
GW 76957		25/100	19500		554
GW 76957		25/100	19500		557
GW 76957		25/100	19500		699
GW 76957		25/100	19500		701
GW 76958		25/100	19500		394
GW 76958		25/100	19500		554
GW 76958		25/100	19500		557
GW 76958		25/100	19500		699
GW 76958		25/100	19500		701
GW 76959		25/100	19500		394
GW 76959		25/100	19500		554
GW 76959		25/100	19500		557
GW 76959		25/100	19500		699
GW 76959		25/100	19500		701
GW 76960		25/100	19500		394
GW 76960		25/100	19500		554
GW 76960		25/100	19500		557
GW 76960		25/100	19500		699
GW 76960		25/100	19500		701
GW 76961		25/100	19500		394
GW 76961		25/100	19500		554
GW 76961		25/100	19500		557
GW 76961		25/100	19500		699
GW 76961		25/100	19500		701

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 76962		10/50	6000		394
GW 76962		10/50	6000		554
GW 76962		10/50	6000		557
GW 76962		10/50	6000		699
GW 76962		10/50	6000		701
GW 76963		10/50	3600		394
GW 76963		10/50	3600		554
GW 76963		10/50	3600		557
GW 76963		10/50	3600		699
GW 76963		10/50	3600		701
GW 76975		10/100	6600		550
GW 76975		10/100	6600		699
GW 76976		10/100	11000		550
GW 76976		10/100	11000		699
GW 76977		10/100	6600		550
GW 76977		10/100	6600		699
GW 76978		5/50	3300		550
GW 76978		5/50	3300		699
GW 76979		5/50	3300		550
GW 76979		5/50	3300		699
GW 76980		10/100	21600		550
GW 76980		10/100	21600		699
GW 76981		10/100	21600		550
GW 76981		10/100	21600		699
GW 76982		10/100	6600		550
GW 76982		10/100	6600		699
GW 76983		10/100	6600		550
GW 76983		10/100	6600		699
GW 76984		5/50	3300		550
GW 76984		5/50	3300		699
GW 76985		5/50	3300		550
GW 76985		5/50	3300		699
GW 76986		5/50	3300		550
GW 76986		5/50	3300		699

GW77					
GW 77001		1/10	0		416
GW 77001		1/10	0		419
GW 77010		1/10	0		423
GW 77010		1/10	0		425
GW 77011		1/50	0		431
GW 77011		1/50	0		435
GW 77012		1/50	0		447
GW 77012		1/50	0		449
GW 77016		1/10	0		441
GW 77016		1/10	0		443
GW 77017		1/10	0		454
GW 77017		1/10	0		458
GW 77018		1/10	0		455
GW 77018		1/10	0		459
GW 77019		1/10	0		465
GW 77019		1/10	0		467
GW 77022		1/10	0		471
GW 77023		1/10	0		471
GW 77031		1/10	0		418
GW 77031		1/10	0		420
GW 77032		1/10	0		424
GW 77032		1/10	0		426
GW 77033		1/25	0		433
GW 77033		1/25	0		437
GW 77034		1/25	0		448



①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 77034		1/25	0		450
GW 77038		1/10	0		442
GW 77038		1/10	0		444
GW 77039		1/10	0		456
GW 77039		1/10	0		461
GW 77040		1/10	0		457
GW 77040		1/10	0		462
GW 77041		1/10	0		466
GW 77041		1/10	0		468
GW 77042		1/10	0		460
GW 77042		1/10	0		463
GW 77051		1/10	0		425
GW 77052		1/50	0		435
GW 77053		1/50	0		449
GW 77055		1/10	0		443
GW 77056		1/10	0		458
GW 77057		1/10	0		458
GW 77058		1/10	0		459
GW 77059		1/10	0		467
GW 77062		1/10	0		426
GW 77063		1/25	0		437
GW 77064		1/25	0		450
GW 77066		1/10	0		444
GW 77067		1/10	0		461
GW 77068		1/10	0		461
GW 77069		1/10	0		462
GW 77070		1/10	0		468
GW 77071		1/10	0		463
GW 77072		1/10	0		463
GW 77101		1/10	0		416
GW 77101		1/10	0		419
GW 77110		1/10	0		423
GW 77110		1/10	0		425
GW 77111		1/50	0		431
GW 77111		1/50	0		435
GW 77112		1/50	0		447
GW 77112		1/50	0		449
GW 77116		1/10	0		441
GW 77116		1/10	0		443
GW 77117		1/10	0		454
GW 77117		1/10	0		458
GW 77118		1/10	0		455
GW 77118		1/10	0		459
GW 77119		1/10	0		465
GW 77119		1/10	0		467
GW 77122		1/10	0		471
GW 77123		1/10	0		471
GW 77131		1/10	0		418
GW 77131		1/10	0		420
GW 77132		1/10	0		424
GW 77132		1/10	0		426
GW 77133		1/25	0		433
GW 77133		1/25	0		437
GW 77134		1/25	0		448
GW 77134		1/25	0		450
GW 77138		1/10	0		442
GW 77138		1/10	0		444
GW 77139		1/10	0		456
GW 77139		1/10	0		461
GW 77140		1/10	0		457
GW 77140		1/10	0		462

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 77141		1/10	0		466
GW 77141		1/10	0		468
GW 77142		1/10	0		460
GW 77142		1/10	0		463
GW 77151		1/10	0		425
GW 77152		1/50	0		435
GW 77153		1/50	0		449
GW 77155		1/10	0		443
GW 77156		1/10	0		458
GW 77157		1/10	0		458
GW 77158		1/10	0		459
GW 77159		1/10	0		467
GW 77162		1/10	0		426
GW 77163		1/25	0		437
GW 77164		1/25	0		450
GW 77166		1/10	0		444
GW 77167		1/10	0		461
GW 77168		1/10	0		461
GW 77169		1/10	0		462
GW 77170		1/10	0		468
GW 77171		1/10	0		463
GW 77172		1/10	0		463
GW 77201		100/500	0		478
GW 77202		100/500	0		478
GW 77203		100/500	0		478
GW 77204		100/500	0		478
GW 77205		100/500	0		478
GW 77206		100/500	0		478
GW 77207		100/500	0		478
GW 77208		100/500	0		478
GW 77209		100/500	0		478
GW 77210		100/500	0		478
GW 77211		100/500	0		478
GW 77212		100/500	0		478
GW 77213		100/500	0		478
GW 77214		100/500	0		478
GW 77215		100/500	0		478
GW 77216		100/500	0		478
GW 77217		100/500	0		478
GW 77218		100/500	0		478
GW 77219		100/500	0		478
GW 77220		100/500	0		478
GW 77221		100/500	0		478
GW 77222		100/500	0		478
GW 77223		100/500	0		478
GW 77224		100/500	0		478
GW 77231		100/500	0		479
GW 77232		100/500	0		479
GW 77233		100/500	0		479
GW 77234		100/500	0		479
GW 77235		100/500	0		479
GW 77237		100/500	0		479
GW 77238		100/500	0		480
GW 77239		100/500	0		480
GW 77240		100/500	0		480
GW 77241		100/500	0		480
GW 77242		100/500	0		480
GW 77243		100/500	0		479
GW 77244		100/500	0		479
GW 77245		100/500	0		479
GW 77246		100/500	0		479



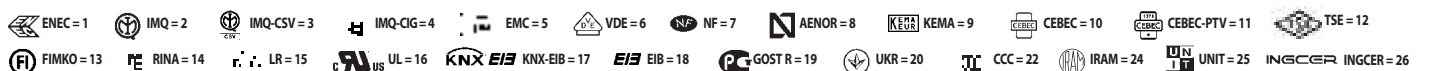
①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 77247		100/500	0		479
GW 77248		100/500	0		479
GW 77249		100/500	0		479
GW 77250		100/500	0		479
GW 77251		100/500	0		479
GW 77252		100/500	0		479
GW 77253		100/500	0		479
GW 77254		100/500	0		479
GW 77255		100/500	0		479
GW 77256		100/500	0		479
GW 77257		100/500	0		479
GW 77258		100/500	0		479
GW 77259		100/500	0		480
GW 77260		100/500	0		480
GW 77261		100/500	0		480
GW 77262		100/500	0		480
GW 77263		100/500	0		480
GW 77272		50	0		480
GW 77273		50	0		480
GW 77274		50	0		480
GW 77276		50	0		480
GW 77277		50	0		480
GW 77278		50	0		480
GW 77301		10/30	0		483
GW 77302		10/30	0		484
GW 77303		10/30	0		485
GW 77304		10/30	0		485
GW 77305		10/30	0		486
GW 77306		10/30	0		486
GW 77307		10/30	0		488
GW 77308		10/30	0		488
GW 77309		10/30	0		487
GW 77310		10/30	0		487
GW 77311		10/50	0		490
GW 77312		10/50	0		490
GW 77321		10/30	0		483
GW 77322		10/30	0		484
GW 77323		10/30	0		485
GW 77324		10/30	0		485
GW 77325		10/30	0		486
GW 77326		10/30	0		486
GW 77327		10/30	0		488
GW 77328		10/30	0		488
GW 77329		10/30	0		487
GW 77330		10/30	0		487
GW 77331		10/50	0		489
GW 77332		10/50	0		489
GW 77341		10/30	0		483
GW 77342		10/30	0		484
GW 77343		10/30	0		485
GW 77344		10/30	0		485
GW 77345		10/30	0		486
GW 77346		10/30	0		486
GW 77347		10/30	0		488
GW 77348		10/30	0		488
GW 77349		10/30	0		487
GW 77350		10/30	0		487
GW 77361		1/10	0		491
GW 77362		1/10	0		492
GW 77363		1/10	0		493
GW 77364		1/10	0		494

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 77365		1/10	0		494
GW 77371		1/5	0		491
GW 77372		1/5	0		492
GW 77373		1/5	0		493
GW 77376		1/5	0		491
GW 77377		1/5	0		492
GW 77378		1/5	0		493
GW 77381		1/5	0		495
GW 77382		1/5	0		495
GW 77383		1/5	0		496
GW 77384		1/5	0		496
GW 77385		1/5	0		496
GW 77386		1/5	0		496
GW 77387		1/5	0		496
GW 77388		1/5	0		496
GW 77389		1/5	0		496
GW 77390		1/5	0		497
GW 77391		1/5	0		497
GW 77392		1/5	0		498
GW 77393		1/5	0		498
GW 77394		1/5	0		498
GW 77395		1/5	0		498
GW 77401		1/5	0		497
GW 77402		1/5	0		497
GW 77403		1/5	0		497
GW 77404		1/5	0		499
GW 77405		1/5	0		499
GW 77406		1/5	0		499
GW 77407		1/5	0		499
GW 77408		1/5	0		498
GW 77409		1/5	0		498
GW 77410		1/5	0		498
GW 77411		1/5	0		498
GW 77412		1/5	0		499
GW 77413		1/5	0		499
GW 77414		1/5	0		499
GW 77415		1/5	0		499
GW 77416		1/5	0		500
GW 77417		1/5	0		500
GW 77421		1/5	0		495
GW 77422		1/5	0		496
GW 77423		1/5	0		496
GW 77424		1/5	0		497
GW 77425		1/5	0		497
GW 77426		1/5	0		498
GW 77427		1/5	0		498
GW 77428		1/5	0		497
GW 77429		1/5	0		497
GW 77430		1/5	0		497
GW 77431		1/5	0		499
GW 77432		1/5	0		499
GW 77433		1/5	0		500
GW 77434		1/5	0		500
GW 77441		1/5	0		495
GW 77442		1/5	0		496
GW 77443		1/5	0		496
GW 77444		1/5	0		497
GW 77445		1/5	0		497
GW 77446		1/5	0		498
GW 77447		1/5	0		498
GW 77448		1/5	0		497



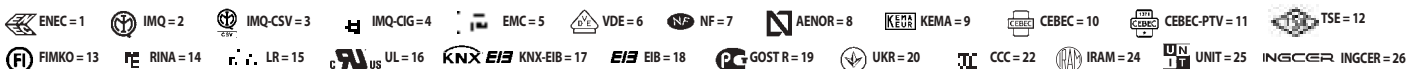
①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 77449		1/5	0		497
GW 77450		1/5	0		497
GW 77451		1/5	0		499
GW 77452		1/5	0		499
GW 77453		1/5	0		500
GW 77454		1/5	0		500
GW 77461		1/5	0		495
GW 77462		1/5	0		495
GW 77463		1/5	0		496
GW 77464		1/5	0		496
GW 77465		1/5	0		496
GW 77466		1/5	0		496
GW 77467		1/5	0		496
GW 77468		1/5	0		496
GW 77469		1/5	0		496
GW 77470		1/5	0		497
GW 77471		1/5	0		497
GW 77472		1/5	750		498
GW 77473		1/5	200		498
GW 77474		1/5	0		498
GW 77475		1/5	0		498
GW 77476		1/5	390		497
GW 77477		1/5	0		497
GW 77478		1/5	0		497
GW 77479		1/5	0		499
GW 77480		1/5	0		499
GW 77481		1/5	0		499
GW 77482		1/5	0		499
GW 77483		1/5	0		498
GW 77484		1/5	0		498
GW 77485		1/5	0		498
GW 77486		1/5	0		498
GW 77487		1/5	0		499
GW 77488		1/5	0		499
GW 77489		1/5	0		499
GW 77490		1/5	0		499
GW 77491		1/5	0		500
GW 77492		1/5	0		500
GW 77501		1/5	0		495
GW 77502		1/5	0		496
GW 77503		1/5	0		496
GW 77504		1/5	0		497
GW 77505		1/5	0		497
GW 77506		1/5	0		498
GW 77507		1/5	0		498
GW 77508		1/5	0		497
GW 77509		1/5	0		497
GW 77510		1/5	0		497
GW 77511		1/5	0		499
GW 77512		1/5	0		499
GW 77513		1/5	0		500
GW 77514		1/5	0		500
GW 77521		1/5	0		495
GW 77522		1/5	0		496
GW 77523		1/5	0		496
GW 77524		1/5	0		497
GW 77525		1/5	0		497
GW 77526		1/5	0		498
GW 77527		1/5	0		498
GW 77528		1/5	0		497
GW 77529		1/5	0		497

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 77530		1/5	0		497
GW 77531		1/5	0		499
GW 77532		1/5	0		499
GW 77533		1/5	0		500
GW 77534		1/5	0		500
GW 77541		1/5	0		501
GW 77542		1/5	0		501
GW 77543		1/5	0		502
GW 77544		1/5	0		502
GW 77545		1/5	0		502
GW 77546		1/5	0		502
GW 77549		1/5	0		502
GW 77550		1/5	0		502
GW 77551		1/5	0		502
GW 77552		1/5	0		502
GW 77553		1/5	0		502
GW 77554		1/5	0		502
GW 77555		1/5	0		502
GW 77556		1/5	0		502
GW 77557		1/5	0		502
GW 77558		1/5	0		502
GW 77559		1/5	0		502
GW 77560		1/5	0		502
GW 77561		1/5	0		503
GW 77562		1/5	0		503
GW 77563		1/5	0		503
GW 77564		1/5	0		503
GW 77565		1/5	0		503
GW 77566		1/5	0		503
GW 77567		1/5	0		503
GW 77568		1/5	0		504
GW 77569		1/5	0		504
GW 77570		1/5	0		504
GW 77571		1/5	0		504
GW 77572		1/5	0		503
GW 77573		1/5	0		503
GW 77574		1/5	0		503
GW 77575		1/5	0		503
GW 77576		1/5	0		504
GW 77577		1/5	0		504
GW 77578		1/5	0		504
GW 77579		1/5	0		504
GW 77580		1/5	0		505
GW 77581		1/5	0		505
GW 77582		1/5	0		505
GW 77583		1/5	0		505
GW 77584		1/5	0		504
GW 77585		1/5	0		504
GW 77586		1/5	0		504
GW 77587		1/5	0		505
GW 77588		1/5	0		505
GW 77589		1/5	0		505
GW 77590		1/5	0		505
GW 77591		1/5	0		505
GW 77592		1/5	0		505
GW 77593		1/5	0		505
GW 77594		1/5	0		505
GW 77595		1/5	0		506
GW 77596		1/5	0		506
GW 77597		1/5	0		506
GW 77598		1/5	0		506



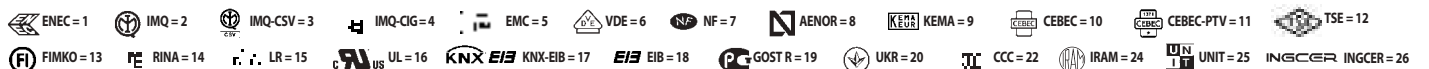
①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 77601		1/5	0		506
GW 77602		1/5	0		506
GW 77611		1/5	0		501
GW 77612		1/5	0		502
GW 77613		1/5	0		502
GW 77614		1/5	0		502
GW 77615		1/5	0		502
GW 77616		1/5	0		503
GW 77617		1/5	0		503
GW 77618		1/5	0		503
GW 77619		1/5	0		503
GW 77620		1/5	0		503
GW 77621		1/5	0		504
GW 77622		1/5	0		504
GW 77623		1/5	0		506
GW 77624		1/5	0		506
GW 77629		1/10	0		507
GW 77630		1/10	0		507
GW 77631		1/5	0		511
GW 77632		1/5	0		516
GW 77633		1/5	0		516
GW 77634		1/5	0		516
GW 77635		1/5	0		516
GW 77636		1/5	0		516
GW 77637		1/5	0		516
GW 77638		1/5	0		516
GW 77639		1/5	0		516
GW 77640		1/5	0		517
GW 77641		1/5	0		517
GW 77642		1/5	0		517
GW 77643		1/5	0		517
GW 77644		1/5	0		517
GW 77645		1/5	0		517
GW 77646		1/5	0		517
GW 77647		1/5	0		517
GW 77648		1/5	0		520
GW 77649		1/5	0		520
GW 77650		1/5	0		526
GW 77651		1/5	0		524
GW 77652		1/5	0		524
GW 77653		1/5	0		524
GW 77654		1/5	0		524
GW 77655		1/5	0		526
GW 77656		1/5	0		526
GW 77657		1/5	0		526
GW 77658		1/5	0		526
GW 77666		1/5	0		543
GW 77667		1/5	0		543
GW 77668		1/5	0		543
GW 77669		1/5	0		543
GW 77670		1/5	0		543
GW 77671		1/5	0		543
GW 77672		1/5	0		543
GW 77673		1/5	0		543
GW 77674		1/25	0		544
GW 77681		1/10	0		509
GW 77682		1/10	0		514
GW 77683		1/10	0		514
GW 77684		1/5	0		523
GW 77685		1/5	0		523
GW 77686		1/5	0		525

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 77687		1/5	0		525
GW 77690		1/25	0		545
GW 77701		1/10	0		509
GW 77702		1/5	0		516
GW 77703		1/5	0		516
GW 77704		1/5	0		523
GW 77705		1/5	0		523
GW 77706		1/5	0		525
GW 77707		1/5	0		525
GW 77708		1/25	0		544
GW 77709		1/25	0		545
GW 77715		1/5	0		535
GW 77716		1/5	0		535
GW 77717		1/5	0		535
GW 77718		1/5	0		535
GW 77719		1/5	0		535
GW 77720		1/5	0		535
GW 77751		1/10	0		508
GW 77752		1/10	0		508
GW 77753		1/5	0		511
GW 77754		1/10	0		512
GW 77755		1/10	0		512
GW 77756		1/10	0		512
GW 77757		1/10	0		512
GW 77758		1/10	0		513
GW 77759		1/10	0		513
GW 77760		1/10	0		513
GW 77761		1/10	0		513
GW 77762		1/10	0		513
GW 77763		1/10	0		513
GW 77764		1/10	0		513
GW 77765		1/10	0		513
GW 77766		1/5	0		516
GW 77767		1/5	0		516
GW 77768		1/5	0		516
GW 77769		1/5	0		516
GW 77770		1/5	0		516
GW 77771		1/5	0		516
GW 77772		1/5	0		516
GW 77773		1/5	0		516
GW 77774		1/5	0		517
GW 77775		1/5	0		517
GW 77776		1/5	0		517
GW 77777		1/5	0		517
GW 77778		1/5	0		517
GW 77779		1/5	0		517
GW 77780		1/5	0		517
GW 77781		1/5	0		517
GW 77785		1/5	0		519
GW 77786		1/5	0		519
GW 77787		1/5	0		519
GW 77788		1/5	0		519
GW 77789		1/5	0		519
GW 77790		1/5	0		519
GW 77791		1/5	0		519
GW 77792		1/5	0		519
GW 77793		1/5	0		520
GW 77794		1/5	0		520
GW 77795		1/10	0		521
GW 77796		1/10	0		522
GW 77802		1/10	0		527



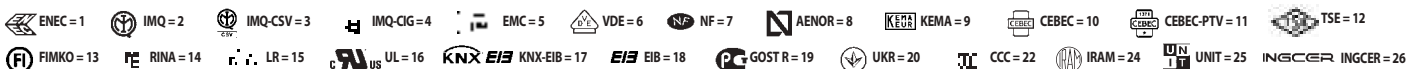
①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
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GW 77813		1/5	0		532
GW 77814		1/5	0		532
GW 77815		1/5	0		536
GW 77816		1/5	0		536
GW 77817		1/5	0		536
GW 77818		1/5	0		536
GW 77819		1/5	0		537
GW 77820		1/5	0		537
GW 77821		1/5	0		537
GW 77822		1/5	0		539
GW 77823		1/5	0		539
GW 77824		1/5	0		539
GW 77825		1/5	0		539
GW 77826		1/5	0		538
GW 77827		1/5	0		538
GW 77828		1/5	0		538
GW 77829		1/5	0		542
GW 77830		1/5	0		542
GW 77831		1/5	0		542
GW 77832		1/5	0		542
GW 77833		1/5	0		540
GW 77834		1/5	0		540
GW 77835		1/5	0		540
GW 77836		1/5	0		540
GW 77837		1/5	0		541
GW 77838		1/5	0		541
GW 77839		1/5	0		541
GW 77840		1/5	0		541
GW 77841		1/5	0		543
GW 77842		1/5	0		543
GW 77843		1/5	0		543
GW 77844		1/5	0		543
GW 77845		1/5	0		543
GW 77846		1/5	0		543
GW 77847		1/5	0		543
GW 77848		1/5	0		543
GW 77849		1/5	0		533
GW 77850		1/5	0		533
GW 77851		1/5	0		533
GW 77852		1/5	0		526
GW 77853		1/5	0		534
GW 77861		1/10	0		508
GW 77862		1/10	0		512
GW 77863		1/10	0		512
GW 77864		1/10	0		512
GW 77865		1/10	0		512
GW 77866		1/10	0		513
GW 77867		1/10	0		513
GW 77868		1/10	0		513
GW 77869		1/10	0		513
GW 77870		1/10	0		513
GW 77871		1/10	0		513
GW 77872		1/10	0		513
GW 77873		1/10	0		513
GW 77874		1/5	0		516
GW 77875		1/5	0		516
GW 77876		1/5	0		516
GW 77877		1/5	0		516
GW 77878		1/5	0		516
GW 77879		1/5	0		516

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 77880		1/5	0		516
GW 77881		1/5	0		516
GW 77882		1/5	0		517
GW 77883		1/5	0		517
GW 77884		1/5	0		517
GW 77885		1/5	0		517
GW 77886		1/5	0		517
GW 77887		1/5	0		517
GW 77888		1/5	0		517
GW 77889		1/5	0		517
GW 77890		1/5	0		519
GW 77891		1/5	0		519
GW 77892		1/5	0		519
GW 77893		1/5	0		519
GW 77894		1/5	0		519
GW 77895		1/5	0		519
GW 77896		1/5	0		519
GW 77897		1/5	0		519
GW 77901		1/10	0		521
GW 77902		1/5	0		523
GW 77903		1/5	0		523
GW 77904		1/5	0		523
GW 77905		1/5	0		523
GW 77906		1/10	0		522
GW 77907		1/5	0		525
GW 77908		1/5	0		525
GW 77909		1/5	0		525
GW 77910		1/5	0		525
GW 77912		1/10	0		527
GW 77913		1/5	0		529
GW 77914		1/5	0		529
GW 77915		1/5	0		529
GW 77916		1/5	0		529
GW 77918		1/10	0		528
GW 77919		1/5	0		531
GW 77920		1/5	0		531
GW 77921		1/5	0		531
GW 77922		1/5	0		531
GW 77923		1/5	0		532
GW 77924		1/5	0		532
GW 77925		1/5	0		536
GW 77926		1/5	0		536
GW 77927		1/5	0		536
GW 77928		1/5	0		536
GW 77929		1/5	0		537
GW 77930		1/5	0		537
GW 77931		1/5	0		537
GW 77932		1/5	0		539
GW 77933		1/5	0		539
GW 77934		1/5	0		539
GW 77935		1/5	0		539
GW 77936		1/5	0		538
GW 77937		1/5	0		538
GW 77938		1/5	0		538
GW 77939		1/5	0		542
GW 77940		1/5	0		542
GW 77941		1/5	0		542
GW 77942		1/5	0		542
GW 77943		1/5	0		540
GW 77944		1/5	0		540
GW 77945		1/5	0		540



①=May 2010

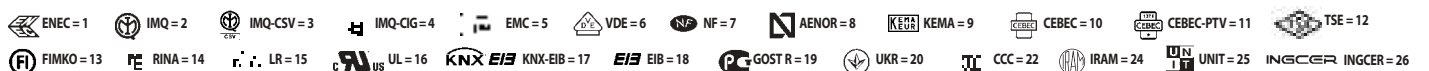
②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
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GW 77951		1/10	0		511
GW 77952		1/5	0		519
GW 77953		1/5	0		519
GW 77954		1/5	0		529
GW 77955		1/5	0		529
GW 77956		1/5	0		531
GW 77957		1/5	0		531
GW 77960		1/25	0		545
GW 77971		1/10	0		511
GW 77972		1/5	0		519
GW 77973		1/5	0		519
GW 77974		1/5	0		529
GW 77975		1/5	0		529
GW 77976		1/5	0		531
GW 77977		1/5	0		531
GW 77978		1/25	0		544
GW 77979		1/25	0		545

GW78					
CODE	UM	PACK/ CARTON	PALLET	MARKS	PAGE
GW 78001		1/10	0		508
GW 78002		1/10	0		508
GW 78003		1/5	0		511
GW 78004		1/10	0		512
GW 78005		1/10	0		512
GW 78006		1/10	0		512
GW 78007		1/10	0		512
GW 78008		1/5	0		513
GW 78009		1/5	0		513
GW 78010		1/5	0		513
GW 78011		1/5	0		513
GW 78012		1/5	0		513
GW 78013		1/5	0		513
GW 78014		1/5	0		513
GW 78015		1/5	0		513
GW 78016		1/5	0		516
GW 78017		1/5	0		516
GW 78018		1/5	0		516
GW 78019		1/5	0		516
GW 78020		1/5	0		516
GW 78021		1/5	0		516
GW 78022		1/5	0		516
GW 78023		1/5	0		516
GW 78024		1/5	0		517
GW 78025		1/5	0		517
GW 78026		1/5	0		517
GW 78027		1/5	0		517
GW 78028		1/5	0		517
GW 78029		1/5	0		517
GW 78030		1/5	0		517
GW 78031		1/5	0		517
GW 78032		1/5	0		519
GW 78033		1/5	0		519
GW 78034		1/5	0		519
GW 78035		1/5	0		519
GW 78036		1/5	0		519
GW 78037		1/5	0		519
GW 78038		1/5	0		519
GW 78039		1/5	0		519
GW 78040		1/5	0		520
GW 78041		1/5	0		520

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
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GW 78044		1/10	0		522
GW 78045		1/10	0		527
GW 78046		1/10	0		528
GW 78047		1/5	0		532
GW 78048		1/5	0		532
GW 78049		1/5	0		536
GW 78050		1/5	0		536
GW 78051		1/5	0		537
GW 78052		1/5	0		537
GW 78053		1/5	0		537
GW 78054		1/5	0		539
GW 78055		1/5	0		539
GW 78056		1/5	0		539
GW 78057		1/5	0		539
GW 78058		1/5	0		538
GW 78059		1/5	0		538
GW 78060		1/5	0		538
GW 78061		1/5	0		542
GW 78062		1/5	0		542
GW 78063		1/5	0		542
GW 78064		1/5	0		542
GW 78065		1/5	0		536
GW 78066		1/5	0		536
GW 78067		1/5	0		541
GW 78068		1/5	0		541
GW 78070		1/5	0		541
GW 78071		1/5	0		541
GW 78072		1/5	0		543
GW 78073		1/5	0		543
GW 78074		1/5	0		543
GW 78075		1/5	0		543
GW 78076		1/5	0		543
GW 78077		1/5	0		543
GW 78078		1/5	0		543
GW 78079		1/5	0		543
GW 78080		1/5	0		533
GW 78081		1/5	0		533
GW 78082		1/5	0		533
GW 78083		1/5	0		533
GW 78084		1/5	0		533
GW 78085		1/5	0		533
GW 78086		1/5	0		534
GW 78087		1/5	0		534
GW 78088		1/5	0		534
GW 78089		1/5	0		526
GW 78090		1/5	0		534
GW 78101		1/10	0		508
GW 78102		1/10	0		512
GW 78103		1/10	0		512
GW 78104		1/10	0		512
GW 78105		1/10	0		512
GW 78106		1/5	0		513
GW 78107		1/5	0		513
GW 78108		1/5	0		513
GW 78109		1/5	0		513
GW 78110		1/5	0		513
GW 78111		1/5	0		513
GW 78112		1/5	0		513
GW 78113		1/5	0		513
GW 78114		1/5	0		516



①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 78115		1/5	0		516
GW 78116		1/5	0		516
GW 78117		1/5	0		516
GW 78118		1/5	0		516
GW 78119		1/5	0		516
GW 78120		1/5	0		516
GW 78121		1/5	0		516
GW 78122		1/5	0		517
GW 78123		1/5	0		517
GW 78124		1/5	0		517
GW 78125		1/5	0		517
GW 78126		1/5	0		517
GW 78127		1/5	0		517
GW 78128		1/5	0		517
GW 78129		1/5	0		517
GW 78130		1/5	0		519
GW 78131		1/5	0		519
GW 78132		1/5	0		519
GW 78133		1/5	0		519
GW 78134		1/5	0		519
GW 78135		1/5	0		519
GW 78136		1/5	0		519
GW 78137		1/5	0		519
GW 78138		1/10	0		521
GW 78139		1/5	0		523
GW 78140		1/5	0		523
GW 78141		1/5	0		523
GW 78142		1/5	0		523
GW 78143		1/10	0		522
GW 78144		1/5	0		525
GW 78145		1/5	0		525
GW 78146		1/5	0		525
GW 78147		1/5	0		525
GW 78148		1/10	0		527
GW 78149		1/5	0		529
GW 78150		1/5	0		529
GW 78151		1/5	0		529
GW 78152		1/5	0		529
GW 78153		1/10	0		528
GW 78154		1/5	0		531
GW 78155		1/5	0		531
GW 78156		1/5	0		531
GW 78157		1/5	0		531
GW 78158		1/5	0		532
GW 78159		1/5	0		532
GW 78161		1/5	0		536
GW 78162		1/5	0		536
GW 78163		1/5	0		536
GW 78164		1/5	0		536
GW 78165		1/5	0		537
GW 78166		1/5	0		537
GW 78167		1/5	0		537
GW 78168		1/5	0		539
GW 78169		1/5	0		539
GW 78170		1/5	0		539
GW 78171		1/5	0		539
GW 78172		1/5	0		538
GW 78173		1/5	0		538
GW 78174		1/5	0		538
GW 78175		1/5	0		542
GW 78176		1/5	0		542

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW 78177		1/5	0		542
GW 78178		1/5	0		542
GW 78180		1/5	0		540
GW 78181		1/5	0		540
GW 78182		1/5	0		540
GW 78183		1/5	0		540
GW 78201		1/10	0		511
GW 78202		1/5	0		519
GW 78203		1/5	0		519
GW 78204		1/10	0		527
GW 78205		1/10	0		527
GW 78206		1/10	0		527
GW 78207		1/5	0		529
GW 78208		1/5	0		529
GW 78209		1/5	0		529
GW 78210		1/10	0		528
GW 78211		1/10	0		528
GW 78212		1/10	0		528
GW 78213		1/5	0		531
GW 78214		1/5	0		531
GW 78215		1/5	0		531
GW 78218		1/25	0		544
GW 78219		1/25	0		545
GW 78221		1/10	0		511
GW 78222		1/5	0		519
GW 78223		1/5	0		519
GW 78224		1/10	0		527
GW 78225		1/10	0		527
GW 78226		1/10	0		527
GW 78227		1/5	0		529
GW 78228		1/5	0		529
GW 78229		1/5	0		529
GW 78230		1/10	0		528
GW 78231		1/10	0		528
GW 78232		1/10	0		528
GW 78233		1/5	0		531
GW 78234		1/5	0		531
GW 78235		1/5	0		531
GW 78236		1/25	0		544
GW 78237		1/25	0		545
GW 78251		1/5	0		508
GW 78252		1/5	0		508
GW 78253		1/5	0		511
GW 78254		1/5	0		512
GW 78255		1/5	0		512
GW 78256		1/5	0		512
GW 78257		1/5	0		512
GW 78258		1/5	0		513
GW 78259		1/5	0		513
GW 78260		1/5	0		513
GW 78261		1/5	0		513
GW 78262		1/5	0		513
GW 78263		1/5	0		513
GW 78264		1/5	0		513
GW 78265		1/5	0		513
GW 78266		1/5	0		516
GW 78267		1/5	0		516
GW 78268		1/5	0		516
GW 78269		1/5	0		516
GW 78270		1/5	0		516
GW 78271		1/5	0		516



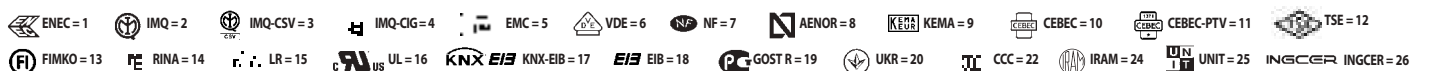
①=May 2010

②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
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GW 78273		1/5	0		516
GW 78274		1/5	0		517
GW 78275		1/5	0		517
GW 78276		1/5	0		517
GW 78277		1/5	0		517
GW 78278		1/5	0		517
GW 78279		1/5	0		517
GW 78280		1/5	0		517
GW 78281		1/5	0		517
GW 78282		1/5	0		519
GW 78283		1/5	0		519
GW 78284		1/5	0		519
GW 78285		1/5	0		519
GW 78286		1/5	0		519
GW 78287		1/5	0		519
GW 78288		1/5	0		519
GW 78289		1/5	0		519
GW 78290		1/5	0		520
GW 78291		1/5	0		520
GW 78292		1/5	0		521
GW 78293		1/5	0		522
GW 78294		1/5	0		527
GW 78295		1/5	0		527
GW 78296		1/5	0		528
GW 78301		1/5	0		532
GW 78302		1/5	0		532
GW 78303		1/5	0		532
GW 78304		1/5	0		532
GW 78305		1/5	0		537
GW 78306		1/5	0		537
GW 78307		1/5	0		537
GW 78308		1/5	0		539
GW 78309		1/5	0		539
GW 78310		1/5	0		539
GW 78311		1/5	0		539
GW 78312		1/5	0		538
GW 78313		1/5	0		538
GW 78314		1/5	0		538
GW 78315		1/5	0		542
GW 78316		1/5	0		542
GW 78317		1/5	0		542
GW 78318		1/5	0		542
GW 78319		1/5	0		541
GW 78320		1/5	0		541
GW 78321		1/5	0		543
GW 78322		1/5	0		543
GW 78323		1/5	0		543
GW 78324		1/5	0		543
GW 78325		1/5	0		543
GW 78326		1/5	0		543
GW 78327		1/5	0		543
GW 78328		1/5	0		543
GW 78329		1/5	0		533
GW 78330		1/5	0		533
GW 78331		1/5	0		533
GW 78332		1/5	0		533
GW 78333		1/5	0		534
GW 78334		1/5	0		534
GW 78335		1/5	0		534
GW 78336		1/5	0		526

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
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GW 78338		1/5	0		536
GW 78339		1/5	0		536
GW 78340		1/5	0		536
GW 78341		1/5	0		536
GW 78342		1/5	0		541
GW 78343		1/5	0		541
GW 78351		1/5	0		508
GW 78352		1/5	0		512
GW 78353		1/5	0		512
GW 78354		1/5	0		512
GW 78355		1/5	0		512
GW 78356		1/5	0		513
GW 78357		1/5	0		513
GW 78358		1/5	0		513
GW 78359		1/5	0		513
GW 78360		1/5	0		513
GW 78361		1/5	0		513
GW 78362		1/5	0		513
GW 78363		1/5	0		513
GW 78364		1/5	0		516
GW 78365		1/5	0		516
GW 78366		1/5	0		516
GW 78367		1/5	0		516
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GW 78370		1/5	0		516
GW 78371		1/5	0		516
GW 78372		1/5	0		517
GW 78373		1/5	0		517
GW 78374		1/5	0		517
GW 78375		1/5	0		517
GW 78376		1/5	0		517
GW 78377		1/5	0		517
GW 78378		1/5	0		517
GW 78379		1/5	0		517
GW 78380		1/5	0		519
GW 78381		1/5	0		519
GW 78382		1/5	0		519
GW 78383		1/5	0		519
GW 78384		1/5	0		519
GW 78385		1/5	0		519
GW 78386		1/5	0		519
GW 78387		1/5	0		519
GW 78388		1/5	0		521
GW 78389		1/5	0		523
GW 78390		1/5	0		523
GW 78391		1/5	0		523
GW 78392		1/5	0		523
GW 78393		1/5	0		522
GW 78394		1/5	0		525
GW 78395		1/5	0		525
GW 78396		1/5	0		525
GW 78397		1/5	0		525
GW 78401		1/5	0		527
GW 78402		1/5	0		527
GW 78403		1/5	0		529
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GW 78405		1/5	0		529
GW 78406		1/5	0		529
GW 78408		1/5	0		528



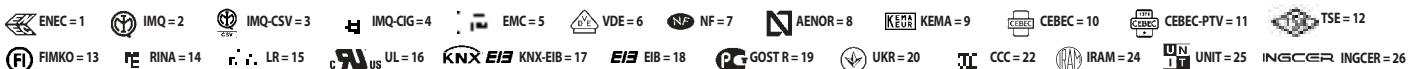
①=May 2010

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CODE	UM	QUANTITY		MARKS	PAGE
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GW 78410		1/5	0		531
GW 78411		1/5	0		531
GW 78412		1/5	0		531
GW 78413		1/5	0		532
GW 78414		1/5	0		532
GW 78415		1/5	0		532
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GW 78418		1/5	0		536
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GW 78422		1/5	0		537
GW 78423		1/5	0		537
GW 78424		1/5	0		539
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GW 78427		1/5	0		539
GW 78428		1/5	0		538
GW 78429		1/5	0		538
GW 78430		1/5	0		538
GW 78431		1/5	0		542
GW 78432		1/5	0		542
GW 78433		1/5	0		542
GW 78434		1/5	0		542
GW 78435		1/5	0		540
GW 78436		1/5	0		540
GW 78437		1/5	0		540
GW 78438		1/5	0		540
GW 78441		1/5	0		536
GW 78442		1/5	0		536
GW 78443		1/5	0		536
GW 78444		1/5	0		536
GW 78445		1/5	0		541
GW 78446		1/5	0		541
GW 78447		1/5	0		541
GW 78448		1/5	0		541
GW 78451		1/5	0		511
GW 78452		1/5	0		519
GW 78453		1/5	0		519
GW 78454		1/5	0		527
GW 78455		1/5	0		527
GW 78456		1/5	0		527
GW 78457		1/5	0		529
GW 78458		1/5	0		529
GW 78459		1/5	0		529
GW 78460		1/5	0		528
GW 78461		1/5	0		528
GW 78462		1/5	0		528
GW 78463		1/5	0		531
GW 78464		1/5	0		531
GW 78465		1/5	0		531
GW 78468		1/25	0		544
GW 78469		1/25	0		545
GW 78481		1/5	0		511
GW 78482		1/5	0		519
GW 78483		1/5	0		519
GW 78484		1/5	0		527
GW 78485		1/5	0		527
GW 78486		1/5	0		527

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
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GW 78489		1/5	0		529
GW 78490		1/5	0		528
GW 78491		1/5	0		528
GW 78492		1/5	0		528
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GW 78494		1/5	0		531
GW 78495		1/5	0		531
GW 78496		1/25	0		544
GW 78497		1/25	0		545
GW 78501		1/5	0		508
GW 78502		1/5	0		514
GW 78503		1/5	0		514
GW 78506		1/5	0		514
GW 78507		1/5	0		514
GW 78508		1/5	0		514
GW 78509		1/5	0		514
GW 78510		1/5	0		515
GW 78511		1/5	0		515
GW 78512		1/5	0		515
GW 78513		1/5	0		515
GW 78514		1/5	0		515
GW 78515		1/5	0		515
GW 78516		1/5	0		518
GW 78517		1/5	0		518
GW 78518		1/5	0		518
GW 78519		1/5	0		518
GW 78521		1/5	0		524
GW 78522		1/5	0		518
GW 78523		1/5	0		518
GW 78524		1/5	0		524
GW 78525		1/5	0		536
GW 78526		1/5	0		526
GW 78527		1/5	0		526
GW 78528		1/5	0		530
GW 78529		1/5	0		530
GW 78530		1/5	0		530
GW 78531		1/5	0		532
GW 78532		1/5	0		532
GW 78533		1/5	0		532
GW 78534		1/5	0		536
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GW 78536		1/5	0		539
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GW 78538		1/5	0		542
GW 78539		1/5	0		540
GW 78540		1/5	0		542
GW 78541		1/5	0		541
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GW 78544		1/5	0		530
GW 78545		1/5	0		530
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GW 78548		1/5	0		532
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GW 78551		1/5	0		511
GW 78552		1/5	0		518
GW 78553		1/5	0		518
GW 78554		1/5	0		529



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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
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GW 78557		1/5	0		531
GW 78560		1/10	0		544
GW 78561		1/10	0		545
GW 78571		1/2	0		515
GW 78572		1/2	0		515
GW 78573		1/2	0		524
GW 78574		1/2	0		524
GW 78575		1/2	0		524
GW 78576		1/2	0		526
GW 78577		1/2	0		526
GW 78578		1/2	0		526
GW 78579		1/2	0		509
GW 78580		1/2	0		526
GW 78581		1/2	0		524
GW 78582		1/2	0		524
GW 78583		1/2	0		524
GW 78584		1/2	0		526
GW 78585		1/2	0		526
GW 78586		1/2	0		526
GW 78591		1/2	0		510
GW 78592		1/2	0		515
GW 78593		1/2	0		515
GW 78594		1/2	0		523
GW 78595		1/2	0		523
GW 78596		1/2	0		525
GW 78597		1/2	0		525
GW 78601		1/5	0		540
GW 78602		1/5	0		542
GW 78603		1/5	0		541
GW 78604		1/5	0		541
GW 78605		1/5	0		541
GW 78811		100	0		549
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GW 78813		100	0		549
GW 78814		100	0		549
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GW 78817		50	0		549
GW 78818		100	0		549
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GW 78820		50	0		549
GW 78821		50	0		549
GW 78831		10/100	0		548
GW 78832		10/100	0		548
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GW 78835		10/50	0		548
GW 78836		10/100	0		548
GW 78837		10/100	0		548
GW 78838		10/100	0		548
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GW 78840		10/50	0		548
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GW 78865		10	0		550
GW 78866		10	0		550
GW 78867		10	0		550

CODE	UM	QUANTITY		MARKS	PAGE
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GW 78870		10	0		550
GW 78871		10	0		550

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GW 80402		12	240	19	351
GW 80403		12	480	19	351
GW 80404		12	240	19	351
GW 80409		36	900	19	352
GW 80410		36	576	19	352
GW 80411		36	576	19	352
GW 80412		36	144	19	352
GW 80417		16	320		352
GW 80418		16	320		352
GW 80421 F		1/12	0		351
GW 80422 F		1/12	0		351
GW 80423 F		1/12	0		351
GW 80424 F		1/12	0		351
GW 80426 F		1/12	120		352
GW 80427 F		1/12	120		352
GW 80428 F		1/12	120		352
GW 80429 F		1/12	0		352
GW 80444		1/20	20		395
GW 80445		1/20	20		395
GW 80446		1/20	20		395
GW 80454		1/20	20	19	395
GW 80455		1/20	20	19	395
GW 80456		1/20	20	19	395

GW83					
GW 83563 M		1	12	19	397
GW 83563 S		1	12	19	397
GW 83564 M		1	12	19	397
GW 83566 M		1	12	19	397
GW 83566 S		1	12	19	397
GW 83567 M		1	12	19	397
GW 83573 M		1	12	19	397
GW 83573 S		1	12	19	397
GW 83574 M		1	12	19	397
GW 83576 M		1	12	19	397
GW 83576 S		1	12	19	397
GW 83577 M		1	12	19	397

GW84					
GW 84133 M		1	18	19	396
GW 84133 S		1	24	19	396
GW 84134 M		1	24	19	396
GW 84134 S		1	12	19	396
GW 84204		1	50	1-19	351
GW 84205		1	28	1-19	351
GW 84220		1	24	19	351
GW 84581 M		1	10	19	396
GW 84581 S		1	25	19	396
GW 84582 M		1	25	19	396
GW 84583 M		1	10	19	396
GW 84583 S		1	25	19	396
GW 84584 M		1	10	19	396
GW 84591 M		1	10	19	396
GW 84591 S		1	10	19	396
GW 84592 M		1	25	19	396



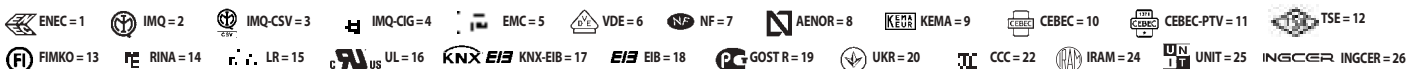
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GW 84593 S		1	10	19	396
GW 84594 M		1	10	19	396
GW88					
GW 88202		1/5	360	19	351
GW 88223		1/5	480	19	351
GW90					
GW 90005		6/24	2304	2-6-7-8-15-19-24	40
GW 90006		6/24	2304	2-6-7-8-15-19-24	40
GW 90007		6/24	2304	2-6-7-8-15-19-24	40
GW 90008		6/24	1536	2-6-7-8-15-19-24	40
GW 90009		6/24	1536	2-6-7-8-15-19-24	40
GW 90010		6/24	1536	2-6-7-8-15-19-24	40
GW 90011		6/24	0	2-6-7-8-15-19-24	40
GW 90022		6/24	1536	2-6-7-19-24	40
GW 90025		6/24	3840	2-6-7-8-15-19-24	40
GW 90026		6/24	3840	2-6-7-8-15-19-24	40
GW 90027		6/24	3840	2-6-7-8-15-19-24	40
GW 90028		6/24	3840	2-6-7-8-15-19-24	40
GW 90029		6/24	3840	2-6-7-8-15-19-24	40
GW 90030		6/24	2304	2-6-7-8-15-19-24	40
GW 90031		6/24	1536	2-6-7-8-15-19-24	40
GW 90045		6/24	2304	2-6-7-8-14-15-19-24	40
GW 90046		6/24	3840	2-6-7-8-14-15-19-24	40
GW 90047		6/24	3840	2-6-7-8-14-15-19-24	40
GW 90048		6/24	2304	2-6-7-8-14-15-19-24	40
GW 90049		6/24	2304	2-6-7-8-14-15-19-24	40
GW 90050		6/24	2304	2-6-7-8-14-15-19-24	40
GW 90051		6/24	1536	2-6-7-8-14-15-19-24	40
GW 90065		3/12	768	2-6-7-8-14-15-19-24	40
GW 90066		3/12	768	2-6-7-8-14-15-19-24	40
GW 90067		3/12	1152	2-6-7-8-14-15-19-24	40
GW 90068		3/12	768	2-6-7-8-14-15-19-24	40
GW 90069		3/12	768	2-6-7-8-14-15-19-24	40
GW 90070		3/12	768	2-6-7-8-14-15-19-24	40
GW 90071		3/12	768	2-6-7-8-14-15-19-24	40
GW 90085		3/12	768	2-6-7-8-14-15-19-24	40
GW 90086		3/12	1152	2-6-7-8-14-15-19-24	40
GW 90087		3/12	1152	2-6-7-8-14-15-19-24	40
GW 90088		3/12	1152	2-6-7-8-14-15-19-24	40
GW 90089		3/12	1152	2-6-7-8-14-15-19-24	40
GW 90090		3/12	1152	2-6-7-8-14-15-19-24	40
GW 90091		3/12	0	2-6-7-8-14-15-19-24	40
GW 90225		6/24	2304	2-6-7-8-15-19-24	41
GW 90226		6/24	3840	2-6-7-8-15-19-24	41
GW 90227		6/24	3840	2-6-7-8-15-19-24	41
GW 90228		6/24	1536	2-6-7-8-15-19-24	41
GW 90229		6/24	1536	2-6-7-8-15-19-24	41
GW 90230		6/24	1536	2-6-7-8-15-19-24	41
GW 90231		6/24	1536	2-6-7-8-15-19-24	41
GW 90245		6/24	2304	2-6-7-8-14-15-19-24	41
GW 90246		6/24	3840	2-6-7-8-14-15-19-24	41
GW 90247		6/24	3840	2-6-7-8-14-15-19-24	41
GW 90248		6/24	2304	2-6-7-8-14-15-19-24	41
GW 90249		6/24	1536	2-6-7-8-14-15-19-24	41
GW 90250		6/24	2304	2-6-7-8-14-15-19-24	41
GW 90251		6/24	1536	2-6-7-8-14-15-19-24	41
GW 90265		3/12	768	2-6-7-8-14-15-19-24	41
GW 90266		3/12	1152	2-6-7-8-14-15-19-24	41

CODE	UM	QUANTITY		MARKS	PAGE
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GW 90268		3/12	1152	2-6-7-8-14-15-19-24	41
GW 90269		3/12	768	2-6-7-8-14-15-19-24	41
GW 90270		3/12	1152	2-6-7-8-14-15-19-24	41
GW 90271		3/12	768	2-6-7-8-14-15-19-24	41
GW 90285		3/12	768	2-6-7-8-14-15-19-24	41
GW 90286		3/12	1152	2-6-7-8-14-15-19-24	41
GW 90287		3/12	1152	2-6-7-8-14-15-19-24	41
GW 90288		3/12	1152	2-6-7-8-14-15-19-24	41
GW 90289		3/12	1152	2-6-7-8-14-15-19-24	41
GW 90290		3/12	1152	2-6-7-8-14-15-19-24	41
GW 90291		3/12	768	2-6-7-8-14-15-19-24	41
GW 90325		6/24	1536	2-6-7-8-19-24	42
GW 90326		6/24	1536	2-6-7-8-19-24	42
GW 90327		6/24	1536	2-6-7-8-19-24	42
GW 90328		6/24	2304	2-6-7-8-19-24	42
GW 90329		6/24	1536	2-6-7-8-19-24	42
GW 90330		6/24	1536	2-6-7-8-19-24	42
GW 90331		6/24	1536	2-6-7-8-19-24	42
GW 90425		6/24	1536	2-6-7-8-15-19	42
GW 90426		6/24	1536	2-6-7-8-15-19	42
GW 90427		6/24	1536	2-6-7-8-15-19	42
GW 90428		6/24	1536	2-6-7-8-15-19	42
GW 90429		6/24	1536	2-6-7-8-15-19	42
GW 90430		6/24	1536	2-6-7-8-15-19	42
GW 90431		6/24	0	2-6-7-8-15-19	42
GW 90445		6/24	1536	2-6-7-8-14-15-19	42
GW 90446		6/24	2304	2-6-7-8-14-15-19	42
GW 90447		6/24	2304	2-6-7-8-14-15-19	42
GW 90448		6/24	1536	2-6-7-8-14-15-19	42
GW 90449		6/24	1536	2-6-7-8-14-15-19	42
GW 90450		6/24	1536	2-6-7-8-14-15-19	42
GW 90451		6/24	1536	2-6-7-8-14-15-19	42
GW 90602		6/24	1536	2-7-19-24	40
GW 90605		6/24	2304	2-7-19-24	40
GW 90606		6/24	3840	2-7-19-24	40
GW 90607		6/24	3840	2-7-19-24	40
GW 90608		6/24	3840	2-7-19-24	40
GW 90609		6/24	1536	2-7-19-24	40
GW 90610		6/24	3840	2-7-19-24	40
GW 90893		1/4	176	19	5
GW 90896		1/4	280	19	5
GW 90901		1/4	240	19	1
GW 90902		1/4	240	19	1
GW 90921		1/2	96	19	4
GW 90922		1/2	96	19	4
GW 90923		1/2	96	19	4
GW 90927		1/2	96	19	4
GW 90928		1/2	96	19	4
GW 90929		1/2	96	19	4
GW 90941		1/2	0	19	4
GW 90942		1/2	0	19	4
GW 90943		1/2	0	19	4
GW 90947		1/2	0	19	4
GW 90948		1/2	0	19	4
GW 90949		1/2	0	19	4
GW 90966		1/4	132	2-19	4
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GW 90986		1/4	132	19	5
GW 90988		1/4	132	19	5



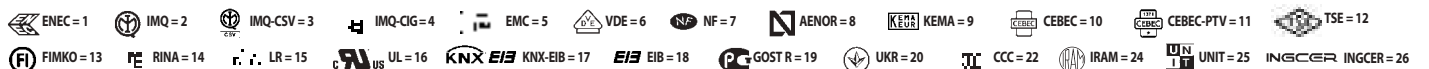
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GW 92002		6/24	2304	2-7-8-19-24-26	45
GW 92003		6/24	1536	2-7-8-19-24-26	45
GW 92004		6/24	2304	2-7-8-19-24-26	45
GW 92005		6/24	3840	2-6-7-8-19-24-26	45
GW 92006		6/24	3840	2-6-7-8-19-24-26	45
GW 92007		6/24	3840	2-6-7-8-19-24-26	45
GW 92008		6/24	3840	2-6-7-8-19-24-26	45
GW 92009		6/24	3840	2-6-7-8-19-24-26	45
GW 92010		6/24	3840	2-6-7-8-19-24-26	45
GW 92011		6/24	3840	2-6-7-8-19-24-26	45
GW 92012		6/24	3840	2-6-7-8-19-24-26	45
GW 92013		6/24	3840	2-6-7-8-19-24-26	45
GW 92014		6/24	1536	2-6-7-8-19-24-26	45
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GW 92022		3/12	768	2-7-8-19-24	45
GW 92023		3/12	768	2-7-8-19-24	45
GW 92024		3/12	768	2-7-8-19-24	45
GW 92025		3/12	1152	2-6-7-8-19-24	45
GW 92026		3/12	1920	2-6-7-8-19-24	45
GW 92027		3/12	1920	2-6-7-8-19-24	45
GW 92028		3/12	1920	2-6-7-8-19-24	45
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GW 92043		3/12	768	2-7-8-19-24	45
GW 92044		3/12	768	2-7-8-19-24	45
GW 92045		3/12	1152	2-6-7-8-19-24	45
GW 92046		3/12	1920	2-6-7-8-19-24	45
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GW 92082		1/2	320	2-7-8-19-24	46
GW 92083		1/2	320	2-7-8-19-24	46
GW 92084		1/2	320	2-7-8-19-24	46

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GW 92088		1/2	560	2-6-7-8-19-24	46
GW 92089		1/2	880	2-6-7-8-19-24	46
GW 92090		1/2	880	2-6-7-8-19-24	46
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GW 92106		6/24	3840	2-6-7-8-19-24	43
GW 92107		6/24	1536	2-6-7-8-19-24	43
GW 92108		6/24	3840	2-6-7-8-19-24	43
GW 92109		6/24	3840	2-6-7-8-19-24	43
GW 92110		6/24	3840	2-6-7-8-19-24	43
GW 92111		6/24	3840	2-6-7-8-19-24	43
GW 92112		6/24	3840	2-6-7-8-19-24	43
GW 92125		3/12	768	2-6-7-8-19-24	43
GW 92126		3/12	768	2-6-7-8-19-24	43
GW 92127		3/12	768	2-6-7-8-19-24	43
GW 92128		3/12	768	2-6-7-8-19-24	43
GW 92129		3/12	768	2-6-7-8-19-24	43
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GW 92207		6/24	3840	2-6-7-8-19-24	617
GW 92208		6/24	3840	2-6-7-8-19-24	47
GW 92208		6/24	3840	2-6-7-8-19-24	617
GW 92209		6/24	3840	2-6-7-8-19-24	47
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GW 92210		6/24	3840	2-6-7-8-19-24	47



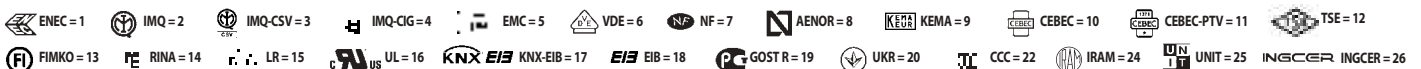
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GW 92212		6/24	3840	2-6-7-8-19-24	47
GW 92212		6/24	3840	2-6-7-8-19-24	617
GW 92213		6/24	1536	2-6-7-8-19-24	47
GW 92213		6/24	1536	2-6-7-8-19-24	617
GW 92214		6/24	1536	2-6-7-8-19-24	47
GW 92214		6/24	1536	2-6-7-8-19-24	617
GW 92245		3/12	768	2-6-7-8-19-24	47
GW 92246		3/12	768	2-6-7-8-19-24	47
GW 92247		3/12	1920	2-6-7-8-19-24	47
GW 92248		3/12	1920	2-6-7-8-19-24	47
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GW 92292		1/2	320	2-6-7-8-19-24	47
GW 92293		1/2	320	2-6-7-8-19-24	47
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GW 92305		6/24	1536	2-6-7-8-19-24	44
GW 92306		6/24	2304	2-6-7-8-19-24	44
GW 92307		6/24	1536	2-6-7-8-19-24	44
GW 92308		6/24	3840	2-6-7-8-19-24	44
GW 92309		6/24	3840	2-6-7-8-19-24	44
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GW 92329		3/12	768	2-6-7-8-19-24	44
GW 92330		3/12	1152	2-6-7-8-19-24	44
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GW 92345		3/12	768	2-6-7-8-19-24	44
GW 92346		3/12	768	2-6-7-8-19-24	44
GW 92347		3/12	0	2-6-7-8-19-24	44
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GW 92350		3/12	768	2-6-7-8-19-24	44

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GW 92368		2/8	768	2-6-7-8-19-24	44
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GW 92408		6/24	1536	2-6-7-8-19-24-26	48
GW 92409		6/24	1536	2-6-7-8-19-24-26	48
GW 92410		6/24	1536	2-6-7-8-19-24-26	48
GW 92411		6/24	1536	2-6-7-8-19-24-26	48
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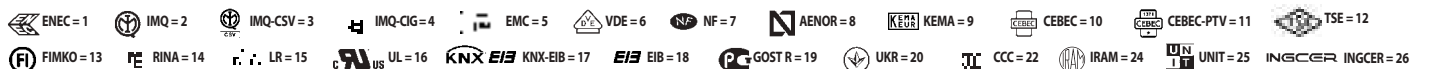
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GW 92647		3/12	1152	2-6-7-8-19	49
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GW 92671		2/8	512	2-6-7-8-19	49
GW 92672		2/8	512	2-6-7-8-19	49
GW 92673		2/8	512	2-6-7-8-19	49
GW 92674		2/8	512	2-6-7-8-19	49
GW 92685		1/2	320	2-6-7-8-19	49
GW 92686		1/2	320	2-6-7-8-19	49

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GW 92687		1/2	560	2-6-7-8-19	49
GW 92688		1/2	560	2-6-7-8-19	49
GW 92689		1/2	560	2-6-7-8-19	49
GW 92690		1/2	560	2-6-7-8-19	49
GW 92691		1/2	560	2-6-7-8-19	49
GW 92692		1/2	560	2-6-7-8-19	49
GW 92693		1/2	560	2-6-7-8-19	49
GW 92694		1/2	320	2-6-7-8-19	49
GW 92701		6/24	1536	2-7-19	51
GW 92702		6/24	1536	2-7-19	51
GW 92703		6/24	1536	2-7-19	51
GW 92704		6/24	1536	2-7-19	51
GW 92705		6/24	1536	2-6-7-8-19-26	51
GW 92706		6/24	1536	2-6-7-8-19-26	51
GW 92707		6/24	1536	2-6-7-8-19-26	51
GW 92708		6/24	1536	2-6-7-8-19-26	51
GW 92709		6/24	1536	2-6-7-8-19-26	51
GW 92710		6/24	1536	2-6-7-8-19-26	51
GW 92711		6/24	1536	2-6-7-8-19-26	51
GW 92714		6/24	0	2-6-7-8-19-26	51
GW 92741		3/12	768	2-7-19	51
GW 92742		3/12	768	2-7-19	51
GW 92743		3/12	768	2-7-19	51
GW 92744		3/12	768	2-7-19	51
GW 92745		3/12	768	2-6-7-8-19	51
GW 92746		3/12	768	2-6-7-8-19	51
GW 92747		3/12	768	2-6-7-8-19	51
GW 92748		3/12	768	2-6-7-8-19	51
GW 92749		3/12	768	2-6-7-8-19	51
GW 92750		3/12	768	2-6-7-8-19	51
GW 92751		3/12	768	2-6-7-8-19	51
GW 92754		3/12	0	2-6-7-8-19	51
GW 92761		2/8	512	2-7-19	51
GW 92762		2/8	512	2-7-19	51
GW 92763		2/8	512	2-7-19	51
GW 92764		2/8	512	2-7-19	51
GW 92765		2/8	512	2-6-7-8-19	51
GW 92766		2/8	512	2-6-7-8-19	51
GW 92767		2/8	512	2-6-7-8-19	51
GW 92768		2/8	512	2-6-7-8-19	51
GW 92769		2/8	512	2-6-7-8-19	51
GW 92770		2/8	512	2-6-7-8-19	51
GW 92771		2/8	512	2-6-7-8-19	51
GW 92774		2/8	0	2-6-7-8-19	51
GW 92781		1/2	320	2-7-19	51
GW 92782		1/2	320	2-7-19	51
GW 92783		1/2	320	2-7-19	51
GW 92784		1/2	320	2-7-19	51
GW 92785		1/2	320	2-6-7-8-19	51
GW 92786		1/2	320	2-6-7-8-19	51
GW 92787		1/2	320	2-6-7-8-19	51
GW 92788		1/2	320	2-6-7-8-19	51
GW 92789		1/2	320	2-6-7-8-19	51
GW 92790		1/2	320	2-6-7-8-19	51
GW 92791		1/2	320	2-6-7-8-19	51
GW 92794		1/2	0	2-6-7-8-19	51
GW 92805		6/24	1536	19	52
GW 92806		6/24	1536	19	52
GW 92807		6/24	1536	19	52
GW 92808		6/24	1536	19	52
GW 92809		6/24	1536	19	52



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GW 92811		6/24	1536	19	52
GW 92812		6/24	1536	19	52
GW 92813		6/24	1536	19	52
GW 92845		3/12	768	19	52
GW 92846		3/12	768	19	52
GW 92847		3/12	768	19	52
GW 92848		3/12	768	19	52
GW 92849		3/12	768	19	52
GW 92850		3/12	768	19	52
GW 92851		3/12	768	19	52
GW 92852		3/12	768	19	52
GW 92853		3/12	768	19	52
GW 92865		2/8	512	19	52
GW 92866		2/8	512	19	52
GW 92867		2/8	512	19	52
GW 92868		2/8	512	19	52
GW 92869		2/8	512	19	52
GW 92870		2/8	512	19	52
GW 92871		2/8	512	19	52
GW 92872		2/8	512	19	52
GW 92873		2/8	512	19	52
GW 92885		1/2	320	19	52
GW 92886		1/2	320	19	52
GW 92887		1/2	320	19	52
GW 92888		1/2	320	19	52
GW 92889		1/2	320	19	52
GW 92890		1/2	320	19	52
GW 92891		1/2	320	19	52
GW 92892		1/2	320	19	52
GW 92893		1/2	320	19	52

GW93					
GW 93201		1/12	768	19	54
GW 93202		1/12	768	19	54
GW 93203		1/12	768	19	54
GW 93204		1/12	768	19	54
GW 93205		1/12	768	19	54
GW 93206		1/12	768	19	54
GW 93221		1/8	224	19	54
GW 93222		1/8	224	19	54
GW 93223		1/8	224	19	54
GW 93224		1/8	224	19	54
GW 93225		1/8	224	19	54
GW 93226		1/8	224	19	54
GW 93231		1/4	120	19	54
GW 93232		1/4	120	19	54
GW 93233		1/4	120	19	54
GW 93234		1/4	120	19	54
GW 93235		1/4	120	19	54
GW 93236		1/4	120	19	54
GW 93241		1/4	120	19	54
GW 93242		1/4	120	19	54
GW 93243		1/4	120	19	54
GW 93244		1/4	120	19	54
GW 93245		1/4	120	19	54
GW 93246		1/4	120	19	54
GW 93307		1/12	768	2-19-24	53
GW 93308		1/12	768	2-19-24	53
GW 93309		1/12	768	2-19-24	53
GW 93327		1/8	240	2-19-24	53

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GW 93328		1/8	360	2-19-24	53
GW 93329		1/8	224	2-19-24	53
GW 93337		1/4	120	2-19-24	53
GW 93338		1/4	120	2-19-24	53
GW 93339		1/4	120	2-19-24	53
GW 93347		1/4	120	2-19-24	53
GW 93348		1/4	120	2-19-24	53
GW 93349		1/4	120	2-19-24	53
GW 93356		1/12	768	19	53
GW 93357		1/12	768	19	53
GW 93358		1/12	768	19	53
GW 93376		1/8	224	19	53
GW 93377		1/8	224	19	53
GW 93378		1/8	224	19	53
GW 93386		1/4	120	19	53
GW 93387		1/4	120	19	53
GW 93388		1/4	120	19	53
GW 93396		1/4	120	19	53
GW 93397		1/4	120	19	53
GW 93398		1/4	120	19	53

GW94					
GW 94005		1/6	696	2-7-8-15-19	66
GW 94006		1/6	1218	2-7-8-15-19	66
GW 94007		1/6	1218	2-7-8-15-19	66
GW 94008		1/6	1218	2-7-8-15-19	66
GW 94009		1/6	1218	2-7-8-15-19	66
GW 94010		1/6	696	2-7-8-15-19	66
GW 94011		1/6	696	2-7-8-15-19	66
GW 94015		1/6	696	2-7-8-15-19	66
GW 94016		1/6	696	2-7-8-15-19	66
GW 94017		1/6	696	2-7-8-15-19	66
GW 94018		1/6	696	2-7-8-15-19	66
GW 94019		1/6	696	2-7-8-15-19	66
GW 94020		1/6	696	2-7-8-15-19	66
GW 94025		1/6	696	2-7-8-14-15-19	66
GW 94026		1/6	1218	2-7-8-14-15-19	66
GW 94027		1/6	1218	2-7-8-14-15-19	66
GW 94028		1/6	696	2-7-8-14-15-19	66
GW 94029		1/6	696	2-7-8-14-15-19	66
GW 94030		1/6	696	2-7-8-14-15-19	66
GW 94031		1/6	696	2-7-8-14-15-19	66
GW 94035		1/6	696	2-7-8-14-15-19	66
GW 94036		1/6	696	2-7-8-14-15-19	66
GW 94037		1/6	696	2-7-8-14-15-19	66
GW 94038		1/6	696	2-7-8-14-15-19	66
GW 94039		1/6	696	2-7-8-14-15-19	66
GW 94040		1/6	696	2-7-8-14-15-19	66
GW 94045		1/4	464	2-7-8-14-15-19	66
GW 94046		1/4	464	2-7-8-14-15-19	66
GW 94047		1/4	464	2-7-8-14-15-19	66
GW 94048		1/4	464	2-7-8-14-15-19	66
GW 94049		1/4	464	2-7-8-14-15-19	66
GW 94050		1/4	464	2-7-8-14-15-19	66
GW 94051		1/4	464	2-7-8-14-15-19	66
GW 94055		1/4	464	2-7-8-14-15-19	66
GW 94056		1/4	464	2-7-8-14-15-19	66
GW 94057		1/4	464	2-7-8-14-15-19	66
GW 94058		1/4	464	2-7-8-14-15-19	66
GW 94059		1/4	464	2-7-8-14-15-19	66
GW 94060		1/4	464	2-7-8-14-15-19	66



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GW 94066		1/2	320	2-7-8-14-15-19	66
GW 94067		1/2	560	2-7-8-14-15-19	66
GW 94067 P		1/2	0	19	5
GW 94068		1/2	320	2-7-8-14-15-19	66
GW 94069		1/2	320	2-7-8-14-15-19	66
GW 94069 P		1/2	0	19	5
GW 94070		1/2	320	2-7-8-14-15-19	66
GW 94070 P		1/2	0	19	5
GW 94071		1/2	320	2-7-8-14-15-19	66
GW 94075		1/2	320	2-7-8-14-15-19	66
GW 94076		1/2	320	2-7-8-14-15-19	66
GW 94077		1/2	320	2-7-8-14-15-19	66
GW 94078		1/2	320	2-7-8-14-15-19	66
GW 94079		1/2	320	2-7-8-14-15-19	66
GW 94080		1/2	320	2-7-8-14-15-19	66
GW 94105		1/6	696	2-7-8-15-19	68
GW 94106		1/6	1218	2-7-8-15-19	68
GW 94107		1/6	1218	2-7-8-15-19	68
GW 94108		1/6	696	2-7-8-15-19	68
GW 94109		1/6	696	2-7-8-15-19	68
GW 94110		1/6	696	2-7-8-15-19	68
GW 94111		1/6	696	2-7-8-15-19	68
GW 94115		1/6	696	2-7-8-15-19	68
GW 94116		1/6	696	2-7-8-15-19	68
GW 94117		1/6	696	2-7-8-15-19	68
GW 94118		1/6	696	2-7-8-15-19	68
GW 94119		1/6	696	2-7-8-15-19	68
GW 94120		1/6	696	2-7-8-15-19	68
GW 94125		1/6	696	2-7-8-14-15-19	68
GW 94126		1/6	1218	2-7-8-14-15-19	68
GW 94127		1/6	1218	2-7-8-14-15-19	68
GW 94128		1/6	696	2-7-8-14-15-19	68
GW 94129		1/6	696	2-7-8-14-15-19	68
GW 94130		1/6	696	2-7-8-14-15-19	68
GW 94131		1/6	696	2-7-8-14-15-19	68
GW 94135		1/6	696	2-7-8-14-15-19	68
GW 94136		1/6	696	2-7-8-14-15-19	68
GW 94137		1/6	696	2-7-8-14-15-19	68
GW 94138		1/6	696	2-7-8-14-15-19	68
GW 94139		1/6	696	2-7-8-14-15-19	68
GW 94140		1/6	696	2-7-8-14-15-19	68
GW 94145		1/4	464	2-7-8-14-15-19	68
GW 94146		1/4	464	2-7-8-14-19	68
GW 94147		1/4	464	2-7-8-14-15-19	68
GW 94148		1/4	464	2-7-8-14-15-19	68
GW 94149		1/4	464	2-7-8-14-15-19	68
GW 94150		1/4	464	2-7-8-14-15-19	68
GW 94151		1/4	464	2-7-8-14-15-19	68
GW 94155		1/4	464	2-7-8-14-19	68
GW 94156		1/4	464	2-7-8-14-15-19	68
GW 94157		1/4	464	2-7-8-14-15-19	68
GW 94158		1/4	464	2-7-8-14-15-19	68
GW 94159		1/4	464	2-7-8-14-15-19	68
GW 94160		1/4	464	2-7-8-14-15-19	68
GW 94165		1/2	320	2-7-8-14-15-19	68
GW 94166		1/2	320	2-7-8-14-15-19	68
GW 94167		1/2	560	2-7-8-14-15-19	68
GW 94167 P		1/2	0	19	5
GW 94168		1/2	320	2-7-8-14-15-19	68
GW 94169		1/2	320	2-7-8-14-19	68

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GW 94169 P		1/2	0	19	5
GW 94170		1/2	560	2-7-8-14-15-19	68
GW 94170 P		1/2	0	19	5
GW 94171		1/2	320	2-7-8-14-15-19	68
GW 94175		1/2	320	2-7-8-14-15-19	68
GW 94176		1/2	320	2-7-8-14-15-19	68
GW 94177		1/2	320	2-7-8-14-15-19	68
GW 94178		1/2	320	2-7-8-14-15-19	68
GW 94179		1/2	320	2-7-8-14-15-19	68
GW 94180		1/2	320	2-7-8-14-15-19	68
GW 94205		1/6	696	2-7-8-15-19	67
GW 94206		1/6	696	2-7-8-15-19	67
GW 94207		1/6	696	2-7-8-15-19	67
GW 94208		1/6	696	2-7-8-15-19	67
GW 94209		1/6	696	2-7-8-15-19	67
GW 94210		1/6	696	2-7-8-15-19	67
GW 94211		1/6	696	2-7-8-15-19	67
GW 94215		1/6	696	2-7-8-15-19	67
GW 94216		1/6	696	2-7-8-15-19	67
GW 94217		1/6	696	2-7-8-15-19	67
GW 94218		1/6	696	2-7-8-15-19	67
GW 94219		1/6	696	2-7-8-15-19	67
GW 94220		1/6	696	2-7-8-15-19	67
GW 94225		1/6	696	2-7-8-14-15-19	67
GW 94225 R		1/4	120	19	2
GW 94226		1/6	696	2-7-8-14-15-19	67
GW 94226 R		1/4	240	19	2
GW 94227		1/6	696	2-7-8-14-15-19	67
GW 94227 R		1/4	240	19	2
GW 94228		1/6	696	2-7-8-14-15-19	67
GW 94228 R		1/4	256	19	2
GW 94229		1/6	696	2-7-8-14-15-19	67
GW 94229 R		1/4	300	19	2
GW 94230		1/6	696	2-7-8-14-15-19	67
GW 94230 R		1/4	120	19	2
GW 94231		1/6	696	2-7-8-14-15-19	67
GW 94231 R		1/4	384	19	2
GW 94235		1/6	696	2-7-8-14-15-19	67
GW 94236		1/6	696	2-7-8-14-15-19	67
GW 94237		1/6	696	2-7-8-14-15-19	67
GW 94238		1/6	696	2-7-8-14-15-19	67
GW 94239		1/6	696	2-7-8-14-15-19	67
GW 94240		1/6	696	2-7-8-14-15-19	67
GW 94245		1/4	464	2-7-8-14-15-19	67
GW 94246		1/4	464	2-7-8-14-15-19	67
GW 94247		1/4	464	2-7-8-14-15-19	67
GW 94248		1/4	464	2-7-8-14-15-19	67
GW 94249		1/4	464	2-7-8-14-15-19	67
GW 94250		1/4	464	2-7-8-14-15-19	67
GW 94251		1/4	464	2-7-8-14-15-19	67
GW 94255		1/4	464	2-7-8-14-15-19	67
GW 94256		1/4	464	2-7-8-14-15-19	67
GW 94257		1/4	464	2-7-8-14-15-19	67
GW 94258		1/4	464	2-7-8-14-15-19	67
GW 94259		1/4	464	2-7-8-14-15-19	67
GW 94260		1/4	464	2-7-8-14-15-19	67
GW 94265		1/2	320	2-7-8-14-15-19	67
GW 94266		1/2	320	2-7-8-14-15-19	67
GW 94267		1/2	320	2-7-8-14-15-19	67
GW 94267 P		1/2	0	19	5
GW 94268		1/2	320	2-7-8-14-15-19	67

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 IMQ-CIG = 4
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 NF = 7
 AENOR = 8
 KEMA = 9
 CEBEC = 10
 CEBEC-PTV = 11
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 RINA = 14
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 IRAM = 24
 UNIT = 25
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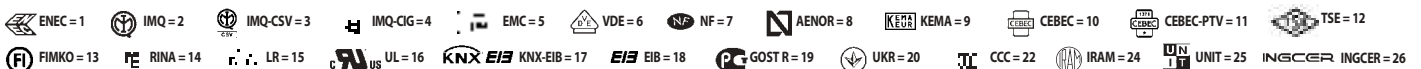
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③=September 2010

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GW 94269 P		1/2	0	19	5
GW 94270		1/2	320	2-7-8-14-15-19	67
GW 94270 P		1/2	0	19	5
GW 94271		1/2	320	2-7-8-14-15-19	67
GW 94275		1/2	320	2-7-8-14-15-19	67
GW 94276		1/2	320	2-7-8-14-15-19	67
GW 94277		1/2	320	2-7-8-14-15-19	67
GW 94278		1/2	320	2-7-8-14-15-19	67
GW 94279		1/2	320	2-7-8-14-15-19	67
GW 94280		1/2	320	2-7-8-14-15-19	67
GW 94305		1/6	696	2-7-8-15-19	69
GW 94306		1/6	1218	2-7-8-15-19	69
GW 94307		1/6	1218	2-7-8-15-19	69
GW 94308		1/6	696	2-7-8-15-19	69
GW 94309		1/6	696	2-7-8-15-19	69
GW 94310		1/6	696	2-7-8-15-19	69
GW 94311		1/6	696	2-7-8-15-19	69
GW 94315		1/6	696	2-7-8-15-19	69
GW 94316		1/6	696	2-7-8-15-19	69
GW 94317		1/6	696	2-7-8-15-19	69
GW 94318		1/6	696	2-7-8-15-19	69
GW 94319		1/6	696	2-7-8-15-19	69
GW 94320		1/6	696	2-7-8-15-19	69
GW 94325		1/6	696	2-7-8-14-15-19	69
GW 94325 P		1/4	120	19	3
GW 94325 R		1/4	120	19	2
GW 94326		1/6	696	2-7-8-14-15-19	69
GW 94326 P		1/4	120	19	3
GW 94326 R		1/4	240	19	2
GW 94327		1/6	1218	2-7-8-14-15-19	69
GW 94327 P		1/4	120	19	3
GW 94327 R		1/4	812	19	2
GW 94328		1/6	696	2-7-8-14-15-19	69
GW 94328 P		1/4	120	19	3
GW 94328 R		1/4	120	19	2
GW 94329		1/6	696	2-7-8-14-15-19	69
GW 94329 P		1/4	120	19	3
GW 94329 R		1/4	120	19	2
GW 94330		1/6	696	2-7-8-14-15-19	69
GW 94330 P		1/4	120	19	3
GW 94330 R		1/4	120	19	2
GW 94331		1/6	696	2-7-8-14-15-19	69
GW 94331 P		1/4	464	19	3
GW 94331 R		1/4	0	19	2
GW 94335		1/6	696	2-7-8-14-15-19	69
GW 94335 P		1/4	464	19	3
GW 94336		1/6	696	2-7-8-14-15-19	69
GW 94336 P		1/4	464	19	3
GW 94337		1/6	696	2-7-8-14-15-19	69
GW 94337 P		1/4	120	19	3
GW 94338		1/6	696	2-7-8-14-15-19	69
GW 94338 P		1/4	120	19	3
GW 94339		1/6	696	2-7-8-14-15-19	69
GW 94339 P		1/4	120	19	3
GW 94340		1/6	696	2-7-8-14-15-19	69
GW 94340 P		1/4	120	19	3
GW 94345		1/4	464	2-8-14-15-19	69
GW 94346		1/4	464	2-7-8-9-14-15-19	69
GW 94347		1/4	812	2-7-8-9-14-15-19	69
GW 94348		1/4	464	2-7-8-9-14-15-19	69

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GW 94349		1/4	812	2-7-8-9-14-15-19	69
GW 94350		1/4	812	2-7-8-9-14-15-19	69
GW 94351		1/4	464	2-7-8-14-15-19	69
GW 94355		1/4	464	2-7-8-14-15-19	69
GW 94356		1/4	464	2-7-8-14-15-19	69
GW 94357		1/4	464	2-7-8-14-15-19	69
GW 94358		1/4	464	2-7-8-14-15-19	69
GW 94359		1/4	464	2-7-8-14-15-19	69
GW 94360		1/4	464	2-7-8-14-15-19	69
GW 94365		1/2	320	2-7-8-9-14-15-19	69
GW 94366		1/2	320	2-7-8-9-14-15-19	69
GW 94367		1/2	560	2-7-8-9-14-15-19	69
GW 94367 P		1/2	0	19	5
GW 94368		1/2	320	2-7-8-9-14-15-19	69
GW 94369		1/2	320	2-7-8-9-14-15-19	69
GW 94369 P		1/2	0	19	5
GW 94370		1/2	320	2-7-8-9-14-15-19	69
GW 94370 P		1/2	0	19	5
GW 94371		1/2	320	2-7-8-9-14-15-19	69
GW 94375		1/2	320	2-7-8-14-15-19	69
GW 94376		1/2	320	2-7-8-14-15-19	69
GW 94377		1/2	320	2-7-8-14-15-19	69
GW 94378		1/2	320	2-7-8-14-15-19	69
GW 94379		1/2	320	2-7-8-14-15-19	69
GW 94380		1/2	320	2-7-8-14-15-19	69
GW 94401		1/2	432	2-7-8-19	73
GW 94402		1/2	432	2-7-8-19	73
GW 94403		1/2	432	2-7-8-19	73
GW 94404		1/2	288	2-7-8-19	73
GW 94412		1/2	432	2-7-8-19	73
GW 94413		1/2	432	2-7-8-19	73
GW 94414		1/2	288	2-7-8-19	73
GW 94422		1/2	252	2-7-8-19	73
GW 94423		1/2	228	2-7-8-19	73
GW 94424		1/2	228	2-7-8-19	73
GW 94432		1/2	252	2-7-8-19	73
GW 94433		1/2	258	2-7-8-19	73
GW 94434		1/2	228	2-7-8-19	73
GW 94442		1/2	288	2-7-8-19	73
GW 94443		1/2	192	2-7-8-19	73
GW 94444		1/2	192	2-7-8-19	73
GW 94448		1/2	192	2-7-8-19	73
GW 94449		1/2	192	2-7-8-19	73
GW 94450		1/2	192	2-7-8-19	73
GW 94502		1/2	432	2-7-8-19	73
GW 94503		1/2	288	2-7-8-19	73
GW 94504		1/2	288	2-7-8-19	73
GW 94512		1/2	288	2-7-8-19	73
GW 94513		1/2	288	2-7-8-19	73
GW 94514		1/2	288	2-7-8-19	73
GW 94522		1/2	228	2-7-8-19	73
GW 94523		1/2	152	2-7-8-19	73
GW 94524		1/2	152	2-7-8-19	73
GW 94532		1/2	228	2-7-8-19	73
GW 94533		1/2	152	2-7-8-19	73
GW 94534		1/2	152	2-7-8-19	73
GW 94542		1/2	192	2-7-8-19	73
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GW 94548		1/2	192	2-7-8-19	73



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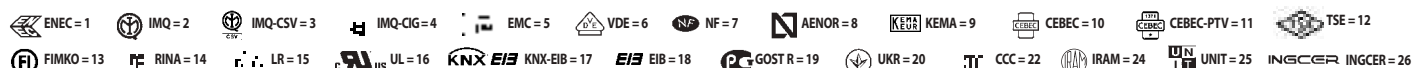
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GW 94552		1/2	0	2-6-7-9-19-24	78
GW 94554		1/2	320	2-6-7-9-19-24	78
GW 94557		1/2	320	2-6-7-9-19-24	78
GW 94559		1/2	0	2-6-7-9-19-24	78
GW 94563		1/2	432	2-7-8-19	74
GW 94565		1/2	288	2-7-8-19	74
GW 94583		1/2	228	2-7-8-19	74
GW 94585		1/2	228	2-7-8-19	74
GW 94598		1/2	192	2-7-8-19	74
GW 94600		1/2	192	2-7-8-19	74
GW 94616		1/4	640	2-7-8-9-19-26	76
GW 94617		1/4	1760	2-7-8-9-19-24-26	76
GW 94617		1/4	1760	2-7-8-9-19-24-26	617
GW 94618		1/4	640	2-9-19-24	76
GW 94619		1/4	640	2-7-8-9-19-24-26	76
GW 94627		1/4	1760	2-7-8-9-19-24-26	76
GW 94627		1/4	1760	2-7-8-9-19-24-26	617
GW 94628		1/4	640	9-19-24	76
GW 94629		1/4	640	2-7-8-9-19-24-26	76
GW 94630		1/4	640	2-7-8-9-19-24-26	76
GW 94637		1/2	320	2-7-9-19-24	77
GW 94639		1/2	320	2-7-9-19-24	77
GW 94647		1/2	320	2-7-9-19-24	77
GW 94649		1/2	0	2-7-9-19-24	77
GW 94656		1/4	464	2-19	76
GW 94657		1/4	464	19	76
GW 94658		1/4	464	19	76
GW 94662		1/4	464	2-8-9-19	76
GW 94662 P		1/2	96	2-19	4
GW 94664		1/4	464	2-8-9-19	76
GW 94667		1/4	812	2-8-9-19	76
GW 94667 P		1/2	96	2-19	4
GW 94668		1/4	640	2-9-19	76
GW 94669		1/4	464	2-8-9-19	76
GW 94670		1/4	464	2-8-9-19	76
GW 94697		1/2	560	2-8-9-19-24	76
GW 94698		1/2	0	2-9-19-24	76
GW 94699		1/2	320	2-8-9-19-24	76
GW 94707		1/2	560	2-8-9-19-24	76
GW 94708		1/2	320	2-9-19-24	76
GW 94709		1/2	320	2-8-9-19-24	76
GW 94710		1/2	320	2-8-9-19-24	76
GW 94717		1/2	320	2-7-9-19-24	77
GW 94719		1/2	320	2-7-9-19-24	77
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GW 94728		1/2	320	19	77
GW 94737		1/2	320	19	77
GW 94739		1/2	320	19	77
GW 94757		1/2	320	2-8-9-19-24	76
GW 94757 P		1/2	96	2-19	4
GW 94758		1/2	320	2-9-19-24	76
GW 94759		1/2	320	2-8-9-19-24	76
GW 94760		1/2	320	2-8-9-19-24	76
GW 94761		1/2	320	19	76
GW 94766		1/2	320	19	76
GW 94771		1/2	0	19	76
GW 94777		1/2	320	19	76
GW 94778		1/2	320	19	76
GW 94779		1/2	320	19	76
GW 94780		1/2	320	19	76

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GW 94791		1/4	1120	9-19-24	76
GW 94792		1/4	640	2-7-8-9-19-24-26	76
GW 94793		1/4	640	19	76
GW 94793		1/4	640	19	617
GW 94794		1/4	1120	19	76
GW 94795		1/4	640	19	76
GW 94816		1/4	640	2-6-7-8-9-10-19-24	78
GW 94817		1/4	1120	2-6-7-8-9-10-19-24	78
GW 94817 P		1/4	120	19	1
GW 94817 R		1/4	720	2-11-19-24	1
GW 94818		1/4	640	2-6-9-10-19-24	78
GW 94819		1/4	640	2-6-7-8-9-10-19-24	78
GW 94819 P		1/4	120	19	1
GW 94827		1/4	1120	2-6-7-8-9-10-19-24	78
GW 94827 P		1/4	120	19	1
GW 94827 R		1/4	240	2-11-19-24	1
GW 94828		1/4	640	6-9-10-19-24	78
GW 94828 P		1/4	120	19	1
GW 94829		1/4	640	2-6-7-8-9-10-19-24	78
GW 94829 P		1/4	120	19	1
GW 94830		1/4	640	2-6-7-8-9-10-19-24	78
GW 94830 P		1/4	120	19	1
GW 94837		1/4	640	2-6-7-8-9-10-19-24	78
GW 94837 P		1/4	120	19	1
GW 94837 R		1/4	240	2-11-19-24	1
GW 94838		1/4	640	6-9-10-19-24	78
GW 94838 P		1/4	0	19	1
GW 94839		1/4	640	2-6-7-8-9-10-19-24	78
GW 94839 P		1/4	0	19	1
GW 94840		1/4	640	2-6-7-8-9-10-19-24	78
GW 94840 P		1/4	120	19	1
GW 94847		1/4	640	19	78
GW 94847 P		1/4	120	19	1
GW 94847 R		1/4	120	19	1
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GW 94848 P		1/4	0	19	1
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GW 94849 P		1/4	120	19	1
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GW 94858		1/4	464	19	78
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GW 94899		1/4	464	2-6-8-9-10-19	78
GW 94900		1/4	464	2-6-8-9-10-19	78
GW 94907		1/2	320	2-6-7-9-19-24	78
GW 94909		1/2	320	2-6-7-9-19-24	78
GW 94924		1/4	640	2-6-7-8-9-10-19-24	79
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GW 94927		1/2	320	2-6-8-9-10-19-24	78

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GW 94930		1/2	320	2-6-8-9-10-19-24	78
GW 94934		1/4	464	2-6-7-8-9-10-19-24	79
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GW 94937		1/2	320	2-6-8-9-10-19-24	78
GW 94937 P		1/2	96	2-19	4
GW 94938		1/2	320	2-6-9-19-24	78
GW 94939		1/2	320	2-6-8-9-10-19-24	78
GW 94940		1/2	320	2-6-8-9-10-19-24	78
GW 94944		1/4	464	19	79
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GW 94948		1/2	0	19	78
GW 94949		1/2	320	19	78
GW 94954		1/4	464	19	79
GW 94957		1/2	0	19	78
GW 94958		1/2	320	19	78
GW 94959		1/2	320	19	78
GW 94960		1/2	320	19	78
GW 94966		1/2	320	2-6-7-8-9-10-19-24	79
GW 94976		1/2	0	2-6-7-8-9-10-19-24	79
GW 94986		1/2	320	19	79
GW 94996		1/2	320	19	79

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GW 95007		1/6	696	2-7-8-15-19	71
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GW 95040		1/6	696	2-7-8-14-15-19	71
GW 95105		1/6	696	2-6-8-9-19	70
GW 95106		1/6	696	2-6-8-9-19	70
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GW 95108		1/6	696	2-6-8-9-19	70
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GW 95110		1/6	696	2-6-8-9-19	70
GW 95111		1/6	696	2-6-8-9-19	70
GW 95115		1/6	696	2-6-8-9-19	70
GW 95116		1/6	696	2-6-9-19	70

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GW 95119		1/6	0	2-6-9-19	70
GW 95120		1/6	0	2-6-9-19	70
GW 95125		1/6	696	2-6-9-19	70
GW 95126		1/6	696	2-6-9-19	70
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GW 95128		1/6	696	2-6-9-19	70
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GW 95131		1/6	0	2-6-9-19	70
GW 95135		1/6	696	2-6-9-19	70
GW 95136		1/6	0	2-6-9-19	70
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GW 95147		1/4	464	2-9-19	70
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GW 95150		1/4	0	2-9-19	70
GW 95151		1/4	0	2-9-19	70
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GW 95156		1/4	464	2-9-19	70
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GW 95159		1/4	0	2-9-19	70
GW 95160		1/4	0	2-9-19	70
GW 95165		1/2	320	2-9-19	70
GW 95166		1/2	320	2-9-19	70
GW 95167		1/2	320	2-9-19	70
GW 95168		1/2	320	2-9-19	70
GW 95169		1/2	320	2-9-19	70
GW 95170		1/2	320	2-9-19	70
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GW 95177		1/2	320	2-9-19	70
GW 95178		1/2	320	2-9-19	70
GW 95179		1/2	320	2-9-19	70
GW 95180		1/2	320	2-9-19	70
GW 95205		1/6	696	2-7-8-15-19	72
GW 95206		1/6	696	2-7-8-15-19	72
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GW 95208		1/6	696	2-7-8-15-19	72
GW 95209		1/6	696	2-7-8-15-19	72
GW 95210		1/6	696	2-7-8-15-19	72
GW 95211		1/6	696	2-7-8-15-19	72
GW 95215		1/6	696	2-7-8-19	72
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GW 95218		1/6	696	2-7-8-15-19	72
GW 95219		1/6	696	2-7-8-15-19	72
GW 95220		1/6	696	2-7-8-15-19	72
GW 95225		1/6	696	2-7-8-14-15-19	72
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GW 95225 R		1/4	120	19	2
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GW 95226 P		1/4	120	19	3



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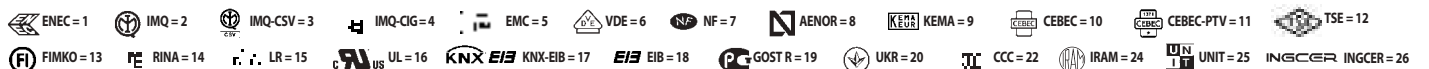
②=June 2010

③=September 2010

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		PACK/ CARTON	PALLET		
GW 95226 R		1/4	120	19	2
GW 95227		1/6	1218	2-7-8-14-15-19	72
GW 95227 P		1/4	120	19	3
GW 95227 R		1/4	120	19	2
GW 95228		1/6	1218	2-7-8-14-15-19	72
GW 95228 P		1/4	120	19	3
GW 95228 R		1/4	120	19	2
GW 95229		1/6	1218	2-7-8-14-15-19	72
GW 95229 P		1/4	120	19	3
GW 95229 R		1/4	120	19	2
GW 95230		1/6	696	2-7-8-14-15-19	72
GW 95230 P		1/4	120	19	3
GW 95230 R		1/4	120	19	2
GW 95231		1/6	696	2-7-8-14-15-19	72
GW 95231 P		1/4	120	19	3
GW 95231 R		1/4	120	19	2
GW 95235		1/6	696	2-7-8-14-15-19	72
GW 95235 P		1/4	120	19	3
GW 95236		1/6	696	2-7-8-14-15-19	72
GW 95236 P		1/4	120	19	3
GW 95237		1/6	696	2-7-8-14-15-19	72
GW 95237 P		1/4	120	19	3
GW 95238		1/6	696	2-7-8-14-15-19	72
GW 95238 P		1/4	120	19	3
GW 95239		1/6	696	2-7-8-14-15-19	72
GW 95239 P		1/4	120	19	3
GW 95240		1/6	696	2-7-8-14-15-19	72
GW 95240 P		1/4	120	19	3
GW 95325		1/6	0	2-6-8-9-19	72
GW 95326		1/6	696	2-6-8-9-19	72
GW 95327		1/6	696	2-6-8-9-19	72
GW 95328		1/6	696	2-6-8-9-19	72
GW 95329		1/6	696	2-6-8-9-19	72
GW 95330		1/6	696	2-6-8-9-19	72
GW 95331		1/6	696	2-6-9-19	72
GW 95335		1/6	0	2-6-8-9-19	72
GW 95336		1/6	0	2-6-8-9-19	72
GW 95337		1/6	0	2-6-8-9-19	72
GW 95338		1/6	0	2-6-9-19	72
GW 95339		1/6	0	2-6-9-19	72
GW 95340		1/6	0	2-6-9-19	72
GW 95401		1/2	152	19	74
GW 95402		1/2	152	19	74
GW 95403		1/2	152	19	74
GW 95406		1/2	152	19	74
GW 95407		1/2	152	19	74
GW 95408		1/2	152	19	74
GW 95411		1/2	128	19	74
GW 95412		1/2	128	19	74
GW 95413		1/2	128	19	74
GW 95416		1/2	128	19	74
GW 95417		1/2	128	19	74
GW 95418		1/2	128	19	74
GW 95421		1/2	128	19	74
GW 95422		1/2	128	19	74
GW 95423		1/2	128	19	74
GW 95426		1/2	128	19	74
GW 95427		1/2	128	19	74
GW 95428		1/2	192	19	74
GW 95431		1/2	152	19	75
GW 95432		1/2	152	19	75

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		PACK/ CARTON	PALLET		
GW 95433		1/2	152	19	75
GW 95436		1/2	152	19	75
GW 95437		1/2	152	19	75
GW 95438		1/2	152	19	75
GW 95441		1/2	128	19	75
GW 95442		1/2	128	19	75
GW 95443		1/2	128	19	75
GW 95446		1/2	128	19	75
GW 95447		1/2	128	19	75
GW 95448		1/2	128	19	75
GW 95451		1/2	128	19	75
GW 95452		1/2	128	19	75
GW 95453		1/2	128	19	75
GW 95456		1/2	128	19	75
GW 95457		1/2	128	19	75
GW 95458		1/2	128	19	75
GW 95463		1/2	152	19	75
GW 95465		1/2	152	19	75
GW 95468		1/2	152	19	75
GW 95470		1/2	152	19	75
GW 95473		1/2	128	19	75
GW 95475		1/2	128	19	75
GW 95478		1/2	128	19	75
GW 95480		1/2	128	19	75
GW 95483		1/2	128	19	75
GW 95485		1/2	128	19	75
GW 95488		1/2	128	19	75
GW 95490		1/2	192	19	75
GW 95511		1/2	128	19	75
GW 95512		1/2	128	19	75
GW 95601		1/2	320	19	76
GW 95603		1/2	320	19	76
GW 95604		1/2	320	19	76
GW 95606		1/2	320	19	78
GW 95608		1/2	320	19	78
GW 95609		1/2	320	19	78
GW 95651		1/4	464	6-7-8-9-10-19-24	79
GW 95651 P		1/4	120	19	1
GW 95651 R		1/4	256	2-19	1
GW 95656		1/4	464	6-7-8-9-10-19-24	79
GW 95656 P		1/4	0	19	1
GW 95656 R		1/4	300	2-19	1
GW 95661		1/4	464	6-7-8-9-10-19-24	79
GW 95661 P		1/4	120	19	1
GW 95661 R		1/4	120	2-19	1
GW 95671		1/4	464	19	79
GW 95676		1/2	320	2-6-7-8-9-10-19-24	79
GW 95678		1/2	320	2-6-7-8-9-10-19-24	79
GW 95681		1/2	320	2-6-7-8-9-10-19-24	79
GW 95683		1/2	320	2-6-7-8-9-10-19-24	79
GW 95686		1/2	320	2-6-7-8-9-10-19-24	79
GW 95688		1/2	320	2-6-7-8-9-10-19-24	79
GW 95696		1/2	320	19	79
GW 95698		1/2	320	19	79
GW 95921		1/2	320	6	79
GW 95922		1/2	320	6	79
GW 95923		1/2	320	6	79
GW 95924		1/2	560	6	79
GW 95925		1/2	320	6	79
GW 95926		1/2	320	6	79
GW 95928		5/100	1400		79



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		PACK/ CARTON	PALLET		
GW96					
GW 96001		1/16	1824	19	82
GW 96003		1/12	912	19	83
GW 96004		1/12	1392	19	83
GW 96005		1/12	1392	19	83
GW 96006		1/16	1824	19	82
GW 96009		1/16	1824	19	82
GW 96011		1/8	2240	19	82
GW 96012		1/8	1280	19	82
GW 96015		1/12	912	19	83
GW 96016		1/8	2240	19	82
GW 96017		1/8	1280	19	82
GW 96018		1/8	1280	19	82
GW 96022		10/100	16000	19	83
GW 96026		10/100	16000	19	83
GW 96036		2/100	15600	19	83
GW 96038		10/100	0	19	83
GW 96039		10/100	0	19	83
GW 96041		10/100	28000	19	83
GW 96041		10/100	28000	19	618
GW 96042		10/100	6400	19	83
GW 96045		1/50	2100	19	616
GW 96104		6/12	1392	19	89
GW 96105		6/12	2088	19	89
GW 96114		3/12	1152	19	89
GW 96115		3/12	1152	19	89
GW 96124		2/8	768	19	89
GW 96125		2/8	768	19	89
GW 96134		1/2	560	19	89
GW 96135		1/2	560	19	89
GW 96146		6/24	1536	19	89
GW 96147		6/24	1536	19	89
GW 96148		6/24	1536	19	89
GW 96149		6/24	1536	19	89
GW 96156		3/12	1152	19	89
GW 96156		3/12	1152	19	617
GW 96157		3/12	768	19	89
GW 96158		3/12	768	19	89
GW 96158		3/12	768	19	617
GW 96159		3/12	768	19	89
GW 96166		2/8	512	19	89
GW 96167		2/8	512	19	89
GW 96168		2/8	512	19	89
GW 96169		2/8	512	19	89
GW 96176		1/2	560	19	89
GW 96177		1/2	560	19	89
GW 96178		1/2	560	19	89
GW 96179		1/2	560	19	89
GW 96205		6/12	2304	19	86
GW 96206		6/12	1536	19	86
GW 96207		2/12	768	19	86
GW 96215		3/12	1152	19	86
GW 96216		3/12	1152	19	86
GW 96217		1/6	384	19	86
GW 96301		3/12	1152	19	86
GW 96302		3/12	1152	19	86
GW 96303		1/6	384	19	86
GW 96306		2/8	512	19	86
GW 96307		2/8	768	19	86
GW 96308		1/4	256	19	86
GW 96311		1/2	560	19	86

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		PACK/ CARTON	PALLET		
GW 96312		1/2	560	19	86
GW 96313		1/2	348	19	86
GW 96321		4	1148	2-19	99
GW 96322		4	640	2-19	99
GW 96323		1	650	2-19	99
GW 96324		1	432	2-19	99
GW 96331		1/4	812	19	88
GW 96332		1/10	400	19	88
GW 96333		1	400	19	88
GW 96334		1	100	19	88
GW 96335		1/5	50	19	88
GW 96336		1/10	100	19	88
GW 96337		1/5	50	19	88
GW 96339		1/2	624	19	93
GW 96340		1/5	780	19	93
GW 96401		12	3168	19	98
GW 96402		12	3168	19	98
GW 96403		6	1584	2-19	98
GW 96406		12	3168	19	99
GW 96407		12	3168	19	99
GW 96408		6	1584	2-19	99
GW 96411		4	1056	2-19	99
GW 96411		4	1056	2-19	618
GW 96421		6	1722	2-19	99
GW 96421		6	1722	2-19	618
GW 96422		6	1722	2-19	99
GW 96423		6	1722	2-19	99
GW 96423		6	1722	2-19	618
GW 96424		6	1722	2-19	99
GW 96425		6	1722	2-19	99
GW 96425		6	1722	2-19	618
GW 96426		6	1722	2-19	99
GW 96431		4	1148	2-19	99
GW 96432		4	1148	2-19	99
GW 96433		4	1148	19	99
GW 96434		4	1148	19	99
GW 96441		1/32	448	19	97
GW 96442		1/32	448	19	97
GW 96443		1/32	448	19	97
GW 96444		1/32	448	19	97
GW 96445		1/32	448	19	97
GW 96446		1/32	448	19	97
GW 96447		1/32	448	19	97
GW 96448		1/32	448	19	97
GW 96449		1/32	448	19	97
GW 96450		1/32	448	19	97
GW 96451		1/12	168	19	97
GW 96452		1/12	72	19	97
GW 96453		1/12	72	19	97
GW 96461		1/8	1280	19	88
GW 96466		1/4	1120	19	88
GW 96467		1/2	560	19	88
GW 96468		2/8	1280	19	88
GW 96471		1/4	640	19	88
GW 96472		1/2	560	19	88
GW 96473		2/8	1280	19	88
GW 96481		1/8	1280	19	88
GW 96482		1/8	1280	19	88
GW 96483		1/8	1280	19	88
GW 96484		1/4	640	19	88
GW 96485		1/2	320	19	88



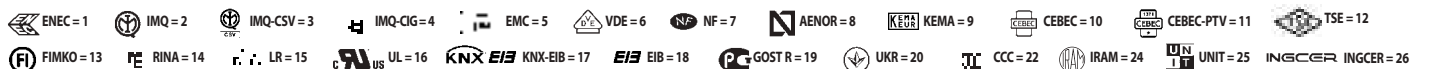
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		PACK/ CARTON	PALLET		
GW 96486		1/8	1280	19	88
GW 96487		1/8	1280	19	88
GW 96500		1/25	11000	19	84
GW 96501		1/25	11000	19	84
GW 96503		1/50	22000	19	84
GW 96504		1/10	1120	19	84
GW 96521		2/8	0		100
GW 96522		2/8	0		100
GW 96523		2/8	0		100
GW 96524		2/8	512	7	100
GW 96525		2/8	0	2	100
GW 96526		2/8	512		100
GW 96531	①	3/12	0	19	90
GW 96532	①	3/12	0	19	90
GW 96533	①	3/12	0	19	90
GW 96534	①	3/12	0	19	90
GW 96535	①	1/12	0	19	90
GW 96536	①	1/12	0	19	90
GW 96537	①	1/12	0	19	90
GW 96538	①	1/12	0	19	90
GW 96539	①	3/12	0	19	90
GW 96540	①	1/12	0	19	90
GW 96541	①	1/12	0	19	90
GW 96542	①	1/12	0	19	90
GW 96551	①	3/12	0	19	90
GW 96552	①	1/12	0	19	90
GW 96553	①	3/12	0	19	90
GW 96554	①	1/12	0	19	90
GW 96555	①	3/12	0	19	90
GW 96556	①	1/12	0	19	90
GW 96561		3/12	1044	19	98
GW 96562		3/12	0	19	98
GW 96563		1/12	1044	19	98
GW 96564		1/12	1044	19	98
GW 96565		1/12	0	19	98
GW 96566		1/12	1044	19	98
GW 96567		1/12	0	19	98
GW 96568		1/12	0	19	98
GW 96569		1/12	0	19	98
GW 96570		1/12	0	19	98
GW 96571		1/12	0	19	98
GW 96581		3/12	1044	19	98
GW 96582		3/12	1044	19	98
GW 96583		3/12	1044	19	98
GW 96584		3/12	1044	19	98
GW 96585		3/12	1044	19	98
GW 96586		1/12	1044	19	98
GW 96587		1/12	1044	19	98
GW 96588		1/12	0	19	98
GW 96589		1/12	0	19	98
GW 96590		1/12	0	19	98
GW 96591		1/12	0	19	98
GW 96592		1/12	0	19	98
GW 96601		6/12	1392	19	92
GW 96602		6/12	1392	19	92
GW 96603		6/12	1392	19	92
GW 96604		6/12	1392	19	92
GW 96606		6/12	1392	19	92
GW 96607		6/12	1392	19	92
GW 96608		6/12	1392	19	92
GW 96611		3/12	1392	19	92

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		PACK/ CARTON	PALLET		
GW 96612		3/12	1392	19	92
GW 96613		3/12	2436	19	92
GW 96614		6/12	1392	19	92
GW 96615		6/12	1392	19	92
GW 96616		3/12	768	19	92
GW 96617		3/12	768	19	92
GW 96618		3/12	768	19	92
GW 96621		6/12	1392	19	93
GW 96622		6/12	1392	19	93
GW 96623		6/12	2088	19	93
GW 96624		6/12	1392	19	93
GW 96625		6/12	1392	19	93
GW 96626		6/12	1392	19	93
GW 96627		6/12	1392	19	93
GW 96628		6/12	1392	19	93
GW 96630		6/12	1044	19	93
GW 96631		6/12	1392	19	93
GW 96632		6/12	1392	19	93
GW 96633		6/12	1392	19	93
GW 96636		6/12	2088	19	93
GW 96637		6/12	1392	19	93
GW 96638		6/12	2088	19	93
GW 96641		3/6	696	19	93
GW 96642		3/6	696	19	93
GW 96643		3/6	696	19	93
GW 96652		6/12	1392	19	93
GW 96653		6/12	1392	19	93
GW 96657		6/12	1392	19	93
GW 96658		6/12	1392	19	93
GW 96659		6/12	1392	19	93
GW 96662		3/6	696	19	93
GW 96663		3/6	696	19	93
GW 96664		3/6	696	19	93
GW 96667		3/6	696	19	93
GW 96668		3/6	696	19	93
GW 96669		3/6	696	19	93
GW 96673		6/12	1392	19	93
GW 96674		6/12	1392	19	93
GW 96676		6/12	1392	19	93
GW 96691		6/24	2304	7-19	92
GW 96692		3/12	768	7-19	92
GW 96693		3/12	768	7-19	92
GW 96701		6/12	1392	19	91
GW 96702		6/12	2088	19	91
GW 96703		6/12	2088	19	91
GW 96704		6/12	2088	19	91
GW 96705		6/12	1392	19	91
GW 96706		3/12	1152	19	91
GW 96708		3/12	768	19	91
GW 96711		3/12	1152	19	91
GW 96712		3/12	1152	19	91
GW 96713		3/12	768	19	91
GW 96715		3/12	768	19	91
GW 96716		3/12	768	19	91
GW 96721		2/8	768	19	91
GW 96722		2/8	512	19	91
GW 96723		2/8	768	19	91
GW 96731		2/8	512	19	91
GW 96732		2/8	512	19	91
GW 96733		2/8	768	19	91
GW 96741		8/16	1856	19	91



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		PACK/ CARTON	PALLET		
GW 96742		8/16	2784	19	91
GW 96751		1/4	464	19	87
GW 96752		1/4	464	19	87
GW 96753		1/4	464	19	87
GW 96754		1/4	464	19	87
GW 96755		1/4	464	19	87
GW 96756		1/4	812	19	87
GW 96757		1/4	812	19	87
GW 96758		1/4	812	19	87
GW 96759		1/4	812	19	87
GW 96760		1/4	464	19	87
GW 96761		1/4	464	19	87
GW 96762		1/4	464	19	87
GW 96763		1/4	464	19	87
GW 96764		1/12	2088	19	87
GW 96765		1/12	1392	19	87
GW 96767		1/6	696	19	87
GW 96769		1/6	696	19	87
GW 96770		1/6	696	19	87
GW 96771		1	96	19	87
GW 96781		1/6	696	6-9	99
GW 96782		1/3	348	6	99
GW 96783		1/50	1500		99
GW 96792		6/12	1392		91
GW 96796		3/12	768		91
GW 96810		1/8	2240	19	94
GW 96810		1/8	2240	19	618
GW 96813		1/8	0		94
GW 96813		1/8	0		618
GW 96814		1/8	0		94
GW 96821		1/4	240	19	94
GW 96830		1/8	1280	19	94
GW 96831		1/4	812	19	94
GW 96832		1/4	812	19	94
GW 96836		1/8	2240	19	94
GW 96844		1/4	812	19	94
GW 96844		1/4	812	19	618
GW 96845		1/4	812	19	94
GW 96845		1/4	812	19	618
GW 96846		1/4	232	19	94
GW 96846		1/4	232	19	618
GW 96851		1/4	464	19	91
GW 96852		1/4	464	19	91
GW 96853		1/4	812	19	91
GW 96856		1/4	812	19	91
GW 96861		1/4	1056	19	95
GW 96862		1/4	1056	19	95
GW 96867		1/4	640	19	95
GW 96871		1/4	1056	19	95
GW 96872		1/4	1056	19	95
GW 96873		1/4	1056	19	95
GW 96878		1/4	812	19	95
GW 96879		1/4	640	19	95
GW 96881		1/4	640	19	96
GW 96886		1/4	1056	19	96
GW 96887		1/2	700	19	96
GW 96888		1/2	448	19	96
GW 96889		1/8	1280	19	96
GW 96891		1/2	348	19	94
GW 96892		1/2	560	19	94
GW 96892		1/2	560	19	618

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		PACK/ CARTON	PALLET		
GW 96897		1/4	640	19	97
GW 96899		1/2	360	19	97
GW 96916		1/6	696		93
GW 96921		6/12	1392	19	92
GW 96922		6/12	1392	19	92
GW 96923		6/12	2088	19	92
GW 96924		6/12	1392	19	92
GW 96925		6/12	1392	19	92
GW 96926		6/12	1392	19	92
GW 96928		6/12	1392		92
GW 96932		3/12	1392	19	92
GW 96951		1/4	464	19	91
GW 96952		1/4	812	19	91
GW 96953		1/4	464	19	91
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GW97

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①=May 2010

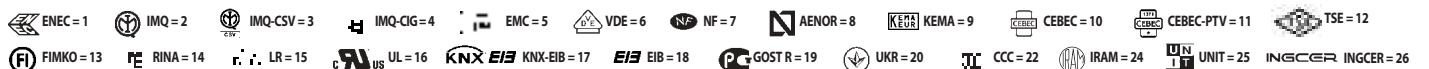
②=June 2010

③=September 2010

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GW 97732		1	48	19	148

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GW 97761		1	144	19	148

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GW 98260		1	280	19	135
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GW 98305		1	36	19	136
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GW 98307		1	264	19	136
GW 98310		1	264	19	136
GW 98311		1	780	19	134
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GW 98390		1	160	19	139
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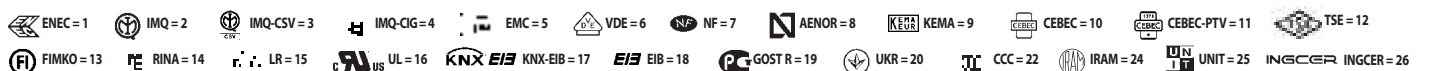
①=May 2010

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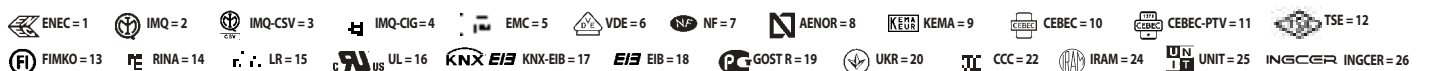
①=May 2010

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③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
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GW D7445		1	12		121
GW D7446		1	12		121
GW D7447		1	12		121
GW D7448		1	12		121
GW D7449		1	12		121
GW D7450		1	12		121
GW D7451		1	12		121
GW D7452		1	12		121
GW D7453		1	12		121
GW D7454		1	12		121
GW D7455		1	12		121
GW D7456		1	12		121
GW D7461		1	12		122
GW D7462		1	12		122
GW D7463		1	12		122
GW D7464		1	12		122
GW D7465		1	12		122
GW D7466		1	12		122
GW D7467		1	12		122
GW D7468		1	12		122
GW D7469		1	12		122
GW D7470		1	12		122
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GW D7472		1	12		122
GW D7473		1	12		122
GW D7474		1	12		122
GW D7475		1	12		122
GW D7476		1	12		122
GW D7481		1	12		122
GW D7482		1	12		122
GW D7483		1	12		122
GW D7484		1	12		122
GW D7485		1	12		122
GW D7486		1	12		122
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GW D7495		1	12		122
GW D7496		1	12		122
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GW D7502		1	12		123
GW D7503		1	12		123
GW D7506		1	12		123
GW D7507		1	12		123
GW D7508		1	12		123
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GW D7517		1	12		123
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GW D7522		1	12		123
GW D7523		1	12		123

CODE	UM	QUANTITY		MARKS	PAGE
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GW D7660		1	12		124
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GW D7674		1	12		124



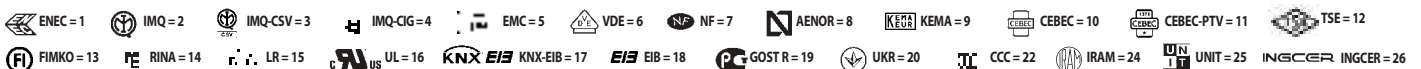
①=May 2010

②=June 2010

③=September 2010

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GW D7680		1	12		124
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GW D7682		1	12		124
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GW D7702		1	0		125
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GW D7707		1	8		125
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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
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GW D7904		1	21		129
GW D7905		1	12		129
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①=May 2010

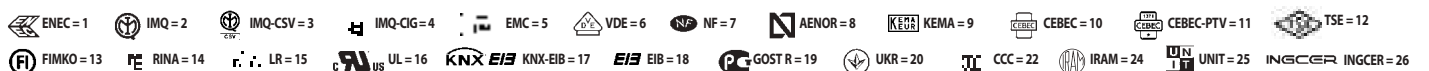
②=June 2010

③=September 2010

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GW D7936		1	0		113
GW D7937		1	0		113
GW D7938		1	0		113
GW D7939		1	0		113

GWD8					
CODE	UM	PACK/ CARTON	PALLET	MARKS	PAGE
GW D8001		1	160		131
GW D8002		1	116		131
GW D8003		1	116		131
GW D8004		1	72		131
GW D8007		1	42		131
GW D8008		1	42		131
GW D8009		1	42		131
GW D8010		1	42		131
GW D8011		1	0		131
GW D8012		1	0		131
GW D8015		1	64		132
GW D8016		1	30		132
GW D8017		1	24		132
GW D8018		1	24		132
GW D8019		1	12		132
GW D8020		1	12		132
GW D8023		1	64		132
GW D8024		1	30		132
GW D8025		1	24		132
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GW D8027		1	12		132
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GW D8031		1	0		132
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GW D8036		1	10		133
GW D8037		1	10		133
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GW D8043		1	10		133
GW D8044		1	10		133
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GW D8058		1	116		132
GW D8059		1	64		132
GW D8060		1	64		132
GW D8066		1	116		133
GW D8067		1	116		133
GW D8068		1	64		133

CODE	UM	QUANTITY		MARKS	PAGE
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GW D8071		1	64		133
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GW D8073		1	16		133
GW D8079		1	0		133
GW D8080		1	50		133
GW D8086		1	195		134
GW D8087		1	195		134
GW D8091		1	195		134
GW D8092		1	144		134
GW D8093		1	160		134
GW D8094		1	116		134
GW D8101		1	195		135
GW D8102		1	195		135
GW D8103		1	195		135
GW D8104		1	195		135
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GW D8109		1	195		135
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GW D8111		1	195		135
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GW D8119		1	195		135
GW D8120		1	195		135
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GW D8136		1	160		135
GW D8141		1	195		136
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GW D8167		1	195		134
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GW D8172		1	96		136
GW D8173		1	96		137
GW D8174		1	96		137
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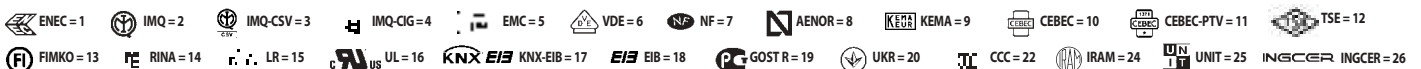
①=May 2010

②=June 2010

③=September 2010

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GW D8185		1	0		137
GW D8186		1	0		137
GW D8187		1	26		137
GW D8188		1	26		137
GW D8189		1	26		137
GW D8190		1	26		137
GW D8191		1	26		137
GW D8192		1	26		137
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GW D8217		1	195		138
GW D8218		1	195		138
GW D8221		1	96		138
GW D8222		1	96		138
GW D8223		1	0		138
GW D8224		1	0		138
GW D8226		1	42		138
GW D8230		1	8		139
GW D8231		1	0		139
GW D8234		1	80		139
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GW D8246		1	40		131
GW D8247		1	24		131
GW D8248		1	48		131
GW D8249		1	40		131
GW D8261		1	195		139
GW D8262		1	195		139
GW D8263		1	160		139
GW D8264		1	116		139
GW D8265		1	160		139
GW D8266		1	160		139
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GW D8272		1	195		142
GW D8273		1	195		142
GW D8274		1	144		142
GW D8275		1	64		142
GW D8276		1	64		142
GW D8281		1	195		142

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
GW D8282		1	195		142
GW D8283		1	160		142
GW D8284		1	64		142
GW D8285		1	64		142
GW D8286		1	42		142
GW D8291		1	195		142
GW D8292		1	195		142
GW D8293		1	195		142
GW D8294		1	195		142
GW D8295		1	195		142
GW D8296		1	116		142
GW D8301		1	195		142
GW D8302		1	195		142
GW D8303		1	195		142
GW D8304		1	195		142
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GW D8330		1	195		139
GW D8331		1	120		139
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GW D8362		1	116		140
GW D8363		1	120		140
GW D8364		1	120		140
GW D8365		1	160		140
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GW D8368		1	116		140



①=May 2010

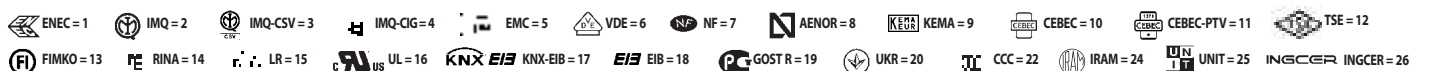
②=June 2010

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GW D8381		1	195		140
GW D8382		1	195		140
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GW D8384		1	160		140
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GW D8386		1	195		140
GW D8387		1	195		140
GW D8388		1	160		140
GW D8391		1	160		141
GW D8392		1	116		141
GW D8393		1	160		141
GW D8394		1	116		141
GW D8401		1	195		141
GW D8402		1	195		141
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GW D8409		1	195		141
GW D8410		1	116		141
GW D8416		1	195		141
GW D8417		1	195		141
GW D8418		1	195		141

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MV 40101	mt	30	900	19	800
MV 40102	mt	30	720	19	800
MV 40103	mt	18	540	19	800
MV 40104	mt	18	540	19	800
MV 40105	mt	12	384	19	800
MV 40106	mt	12	384	19	800
MV 40108	mt	6	324	19	800
MV 40110	mt	6	270	19	800
MV 40111	mt	6	174	19	800
MV 40120	mt	24	480	19	800
MV 40121	mt	24	480	19	800
MV 40122	mt	18	432	19	800
MV 40123	mt	12	324	19	800
MV 40124	mt	12	324	19	800
MV 40125	mt	12	216	19	800
MV 40126	mt	12	216	19	800
MV 40128	mt	6	180	19	800
MV 40130	mt	6	120	19	800
MV 40131	mt	6	120	19	800
MV 40135	mt	6	120	19	800
MV 40141	mt	24	480	19	801
MV 40145	mt	12	192	19	801
MV 40148	mt	6	180	19	801
MV 40151	mt	6	120	19	801
MV 40155	mt	6	120	19	801
MV 40157	mt	6	96	19	801
MV 40162	mt	18	360	19	801
MV 40165	mt	12	216	19	801
MV 40168	mt	6	144	19	801
MV 40171	mt	6	78	19	801

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 40175	mt	6	78	19	801
MV 40177	mt	6	78	19	801
MV 40180	mt	20	960	19	802
MV 40181	mt	20	800	19	802
MV 40182	mt	20	640	19	802
MV 40183	mt	20	480	19	802
MV 40184	mt	20	400	19	802
MV 40185	mt	20	320	19	802
MV 40186	mt	16	320	19	802
MV 40188	mt	12	252	19	802
MV 40190	mt	8	160	19	802
MV 40191	mt	8	160	19	802
MV 40195	mt	8	160	19	802
MV 40197	mt	8	80	19	802
MV 40200	mt	30	1080		800
MV 40201	mt	30	900		800
MV 40202	mt	30	720		800
MV 40203	mt	18	540		800
MV 40204	mt	18	540		800
MV 40205	mt	12	384		800
MV 40206	mt	12	384		800
MV 40208	mt	6	324		800
MV 40210	mt	6	270		800
MV 40211	mt	6	174		800
MV 40220	mt	24	480		800
MV 40221	mt	24	480		800
MV 40222	mt	18	432		800
MV 40223	mt	12	324		800
MV 40224	mt	12	324		800
MV 40225	mt	12	216		800
MV 40226	mt	12	216		800
MV 40228	mt	6	180		800
MV 40230	mt	6	180		800
MV 40231	mt	6	120		800
MV 40235	mt	6	120		800
MV 40241	mt	24	480		801
MV 40245	mt	12	192		801
MV 40248	mt	6	180		801
MV 40251	mt	6	120		801
MV 40255	mt	6	120		801
MV 40257	mt	6	96		801
MV 40262	mt	18	360		801
MV 40265	mt	12	216		801
MV 40268	mt	6	144		801
MV 40271	mt	6	78		801
MV 40275	mt	6	78		801
MV 40277	mt	6	78		801
MV 40280	mt	20	960		802
MV 40281	mt	20	800		802
MV 40282	mt	20	640		802
MV 40283	mt	20	480		802
MV 40284	mt	20	400		802
MV 40285	mt	20	320		802
MV 40286	mt	16	320		802
MV 40288	mt	12	252		802
MV 40290	mt	8	160		802
MV 40291	mt	8	160		802
MV 40295	mt	8	80		802
MV 40297	mt	8	80		802



①=May 2010

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③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV41					
MV 41110		100	2400		803
MV 41111		80	1920		803
MV 41120		100	8000		803
MV 41121		100	4800		803
MV 41130		200	4800		803
MV 41131		100	2400		803
MV 41140		100	4800		803
MV 41212		100	2400		803
MV 41213		80	1920		803
MV 41222		100	10000		803
MV 41223		100	2400		803
MV 41240		100	4800		803
MV 41601		10	0		802
MV 41602		10	0		802
MV 41603		10	0		802

MV42					
MV 42100		2	120		804
MV 42101		2	120		804
MV 42102		2	80		804
MV 42103		2	80		804
MV 42104		2	40		804
MV 42105		2	40		804
MV 42106		2	40		804
MV 42108		2	20		804
MV 42110		2	20		804
MV 42111		2	20		804
MV 42120		2	120		804
MV 42121		2	120		804
MV 42122		2	80		804
MV 42123		2	80		804
MV 42124		2	40		804
MV 42125		2	40		804
MV 42126		2	40		804
MV 42128		2	20		804
MV 42130		2	20		804
MV 42131		2	20		804
MV 42135		2	20		804
MV 42141		2	120		805
MV 42145		2	40		805
MV 42148		2	20		805
MV 42151		2	20		805
MV 42155		2	20		805
MV 42157		2	20		805
MV 42162		2	80		805
MV 42165		2	40		805
MV 42168		2	20		805
MV 42171		2	20		805
MV 42175		2	20		805
MV 42177		2	20		805
MV 42180		2	350		805
MV 42181		2	240		805
MV 42182		2	150		805
MV 42183		2	120		805
MV 42184		2	80		805
MV 42185		2	60		805
MV 42186		2	60		805
MV 42188		2	60		805
MV 42190		2	20		805
MV 42191		2	20		805

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 42195		2	10		805
MV 42197		2	10		805
MV 42200		2	120		804
MV 42201		2	120		804
MV 42202		2	80		804
MV 42203		2	80		804
MV 42204		2	40		804
MV 42205		2	40		804
MV 42206		2	40		804
MV 42208		2	20		804
MV 42210		2	20		804
MV 42211		2	20		804
MV 42220		2	120		804
MV 42221		2	120		804
MV 42222		2	80		804
MV 42223		2	80		804
MV 42224		2	40		804
MV 42225		2	40		804
MV 42226		2	40		804
MV 42228		2	20		804
MV 42230		2	20		804
MV 42231		2	20		804
MV 42235		2	20		804
MV 42241		2	120		805
MV 42245		2	40		805
MV 42248		2	20		805
MV 42251		2	20		805
MV 42255		2	20		805
MV 42257		2	20		805
MV 42262		2	80		805
MV 42265		2	40		805
MV 42268		2	20		805
MV 42271		2	20		805
MV 42275		2	20		805
MV 42277		2	20		805
MV 42280		2	350		805
MV 42281		2	240		805
MV 42282		2	150		805
MV 42283		2	120		805
MV 42284		2	80		805
MV 42285		2	60		805
MV 42286		2	60		805
MV 42288		2	60		805
MV 42290		2	20		805
MV 42291		2	20		805
MV 42295		2	10		805
MV 42297		2	10		805

MV43					
MV 43100		2	200		806
MV 43101		2	200		806
MV 43102		2	160		806
MV 43103		2	160		806
MV 43104		2	120		806
MV 43105		2	120		806
MV 43106		2	100		806
MV 43108		2	60		806
MV 43110		2	60		806
MV 43111		2	40		806
MV 43120		2	200		806
MV 43121		2	200		806



①=May 2010

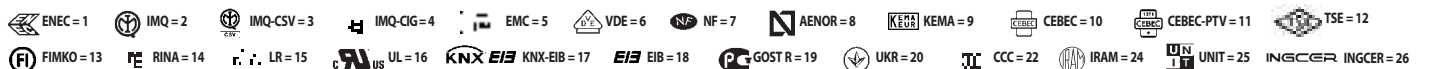
②=June 2010

③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 43122		2	160		806
MV 43123		2	160		806
MV 43124		2	120		806
MV 43125		2	120		806
MV 43126		2	100		806
MV 43128		2	60		806
MV 43130		2	60		806
MV 43131		2	40		806
MV 43135		2	20		806
MV 43141		2	200		807
MV 43145		2	120		807
MV 43148		2	60		807
MV 43151		2	40		807
MV 43155		2	20		807
MV 43157		2	20		807
MV 43162		2	160		807
MV 43165		2	120		807
MV 43168		2	60		807
MV 43171		2	40		807
MV 43175		2	20		807
MV 43177		2	20		807
MV 43180		2	910		807
MV 43181		2	450		807
MV 43182		2	350		807
MV 43183		2	240		807
MV 43184		2	200		807
MV 43185		2	120		807
MV 43186		2	120		807
MV 43188		2	60		807
MV 43190		2	60		807
MV 43191		2	40		807
MV 43195		2	20		807
MV 43197		2	10		807
MV 43200		2	200		806
MV 43201		2	200		806
MV 43202		2	160		806
MV 43203		2	160		806
MV 43204		2	120		806
MV 43205		2	120		806
MV 43206		2	100		806
MV 43208		2	60		806
MV 43210		2	60		806
MV 43211		2	40		806
MV 43220		2	200		806
MV 43221		2	200		806
MV 43222		2	160		806
MV 43223		2	160		806
MV 43224		2	120		806
MV 43225		2	120		806
MV 43226		2	100		806
MV 43228		2	60		806
MV 43230		2	60		806
MV 43231		2	40		806
MV 43235		2	20		806
MV 43241		2	200		807
MV 43245		2	120		807
MV 43248		2	60		807
MV 43251		2	40		807
MV 43255		2	20		807
MV 43257		2	20		807
MV 43262		2	160		807

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 43265		2	120		807
MV 43268		2	60		807
MV 43271		2	40		807
MV 43275		2	20		807
MV 43277		2	20		807
MV 43280		2	910		807
MV 43281		2	450		807
MV 43282		2	350		807
MV 43283		2	240		807
MV 43284		2	200		807
MV 43285		2	120		807
MV 43286		2	120		807
MV 43288		2	60		807
MV 43290		2	60		807
MV 43291		2	40		807
MV 43295		2	20		807
MV 43297		2	10		807

MV44					
CODE	UM	PACK/ CARTON	PALLET	MARKS	PAGE
MV 44100		2	40		814
MV 44101		2	40		814
MV 44102		2	40		814
MV 44103		2	40		814
MV 44104		2	40		814
MV 44105		2	40		814
MV 44106		2	40		814
MV 44108		2	20		814
MV 44110		2	20		814
MV 44111		2	20		814
MV 44120		2	36		814
MV 44121		2	36		814
MV 44122		2	36		814
MV 44123		2	36		814
MV 44124		2	36		814
MV 44125		2	36		814
MV 44126		2	36		814
MV 44128		2	18		814
MV 44130		2	18		814
MV 44131		2	18		814
MV 44135		2	18		814
MV 44141		2	30		815
MV 44145		2	30		815
MV 44148		2	0		815
MV 44151		2	0		815
MV 44155		2	0		815
MV 44157		2	0		815
MV 44162		2	20		815
MV 44165		2	20		815
MV 44168		2	10		815
MV 44171		2	10		815
MV 44175		2	10		815
MV 44177		2	10		815
MV 44180		2	50		815
MV 44181		2	10		815
MV 44182		2	50		815
MV 44183		2	50		815
MV 44184		2	50		815
MV 44185		2	50		815
MV 44186		2	50		815
MV 44188		2	50		815
MV 44190		2	50		815



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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 44191		2	50		815
MV 44195		2	50		815
MV 44197		2	50		815
MV 44200		2	40		814
MV 44201		2	40		814
MV 44202		2	40		814
MV 44203		2	40		814
MV 44204		2	40		814
MV 44205		2	40		814
MV 44206		2	40		814
MV 44208		2	20		814
MV 44210		2	20		814
MV 44211		2	20		814
MV 44220		2	36		814
MV 44221		2	36		814
MV 44222		2	36		814
MV 44223		2	36		814
MV 44224		2	36		814
MV 44225		2	36		814
MV 44226		2	36		814
MV 44228		2	18		814
MV 44230		2	18		814
MV 44231		2	18		814
MV 44235		2	18		814
MV 44241		2	30		815
MV 44245		2	30		815
MV 44248		2	0		815
MV 44251		2	0		815
MV 44255		2	0		815
MV 44257		2	0		815
MV 44262		2	20		815
MV 44265		2	20		815
MV 44268		2	10		815
MV 44271		2	10		815
MV 44275		2	10		815
MV 44277		2	10		815
MV 44280		2	50		815
MV 44281		2	50		815
MV 44282		2	50		815
MV 44283		2	50		815
MV 44284		2	50		815
MV 44285		2	50		815
MV 44286		2	50		815
MV 44288		2	50		815
MV 44290		2	50		815
MV 44291		2	50		815
MV 44295		2	50		815
MV 44297		2	50		815

MV45					
CODE	UM	PACK/ CARTON	PALLET	MARKS	PAGE
MV 45100		2	40		816
MV 45101		2	40		816
MV 45102		2	40		816
MV 45103		2	40		816
MV 45104		2	40		816
MV 45105		2	40		816
MV 45106		2	40		816
MV 45108		2	20		816
MV 45110		2	20		816
MV 45111		2	20		816
MV 45120		2	36		816

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 45121		2	36		816
MV 45122		2	36		816
MV 45123		2	36		816
MV 45124		2	36		816
MV 45125		2	36		816
MV 45126		2	36		816
MV 45128		2	18		816
MV 45130		2	18		816
MV 45131		2	18		816
MV 45135		2	18		816
MV 45141		2	30		817
MV 45145		2	30		817
MV 45148		2	16		817
MV 45151		2	16		817
MV 45155		2	16		817
MV 45157		2	16		817
MV 45162		2	20		817
MV 45165		2	20		817
MV 45168		2	10		817
MV 45171		2	10		817
MV 45175		2	10		817
MV 45177		2	10		817
MV 45180		2	50		817
MV 45181		2	50		817
MV 45182		2	20		817
MV 45183		2	50		817
MV 45184		2	50		817
MV 45185		2	50		817
MV 45186		2	50		817
MV 45188		2	50		817
MV 45190		2	50		817
MV 45191		2	50		817
MV 45195		2	50		817
MV 45197		2	50		817
MV 45200		2	40		816
MV 45201		2	40		816
MV 45202		2	40		816
MV 45203		2	40		816
MV 45204		2	40		816
MV 45205		2	40		816
MV 45206		2	40		816
MV 45208		2	20		816
MV 45210		2	20		816
MV 45211		2	20		816
MV 45220		2	36		816
MV 45221		2	36		816
MV 45222		2	36		816
MV 45223		2	36		816
MV 45224		2	36		816
MV 45225		2	36		816
MV 45226		2	36		816
MV 45228		2	18		816
MV 45230		2	18		816
MV 45231		2	18		816
MV 45235		2	18		816
MV 45241		2	30		817
MV 45245		2	30		817
MV 45248		2	0		817
MV 45251		2	0		817
MV 45255		2	0		817
MV 45257		2	0		817



①=May 2010

②=June 2010

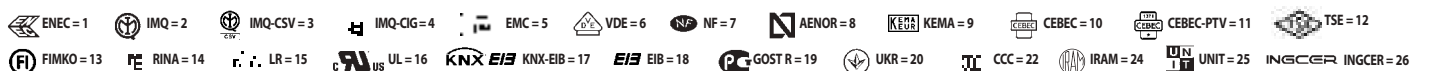
③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 45262		2	20		817
MV 45265		2	20		817
MV 45268		2	10		817
MV 45271		2	10		817
MV 45275		2	10		817
MV 45277		2	10		817
MV 45280		2	50		817
MV 45281		2	50		817
MV 45282		2	50		817
MV 45283		2	50		817
MV 45284		2	50		817
MV 45285		2	50		817
MV 45286		2	50		817
MV 45288		2	50		817
MV 45290		2	50		817
MV 45291		2	50		817
MV 45295		2	50		817
MV 45297		2	50		817

MV46					
CODE	UM	PACK/ CARTON	PALLET	MARKS	PAGE
MV 46100		2	96		808
MV 46101		2	96		808
MV 46102		2	96		808
MV 46103		2	64		808
MV 46104		2	64		808
MV 46105		2	32		808
MV 46106		2	32		808
MV 46108		2	16		808
MV 46110		2	16		808
MV 46111		2	16		808
MV 46120		2	96		808
MV 46121		2	96		808
MV 46122		2	96		808
MV 46123		2	64		808
MV 46124		2	64		808
MV 46125		2	32		808
MV 46126		2	32		808
MV 46128		2	16		808
MV 46130		2	16		808
MV 46131		2	16		808
MV 46135		2	16		808
MV 46141		2	96		809
MV 46145		2	32		809
MV 46148		2	16		809
MV 46151		2	16		809
MV 46155		2	16		809
MV 46157		2	16		809
MV 46162		2	96		809
MV 46165		2	32		809
MV 46168		2	16		809
MV 46171		2	16		809
MV 46175		2	16		809
MV 46177		2	16		809
MV 46180		2	96		809
MV 46181		2	96		809
MV 46182		2	96		809
MV 46183		2	64		809
MV 46184		2	64		809
MV 46185		2	32		809
MV 46186		2	32		809
MV 46188		2	16		809

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 46190		2	16		809
MV 46191		2	16		809
MV 46195		2	16		809
MV 46197		2	16		809
MV 46200		2	96		808
MV 46201		2	96		808
MV 46202		2	96		808
MV 46203		2	64		808
MV 46204		2	64		808
MV 46205		2	32		808
MV 46206		2	32		808
MV 46208		2	16		808
MV 46210		2	16		808
MV 46211		2	16		808
MV 46220		2	96		808
MV 46221		2	96		808
MV 46222		2	96		808
MV 46223		2	64		808
MV 46224		2	64		808
MV 46225		2	32		808
MV 46226		2	32		808
MV 46228		2	16		808
MV 46230		2	48		808
MV 46231		2	16		808
MV 46235		2	16		808
MV 46241		2	96		809
MV 46245		2	32		809
MV 46248		2	16		809
MV 46251		2	16		809
MV 46255		2	16		809
MV 46257		2	16		809
MV 46262		2	96		809
MV 46265		2	32		809
MV 46268		2	16		809
MV 46271		2	16		809
MV 46275		2	16		809
MV 46277		2	16		809
MV 46280		2	96		809
MV 46281		2	96		809
MV 46282		2	96		809
MV 46283		2	64		809
MV 46284		2	64		809
MV 46285		2	32		809
MV 46286		2	32		809
MV 46288		2	16		809
MV 46290		2	16		809
MV 46291		2	16		809
MV 46295		2	16		809
MV 46297		2	16		809

MV47					
CODE	UM	PACK/ CARTON	PALLET	MARKS	PAGE
MV 47100		2	32		810
MV 47101		2	32		810
MV 47102		2	32		810
MV 47103		2	16		810
MV 47104		2	16		810
MV 47105		2	16		810
MV 47106		2	16		810
MV 47108		2	16		810
MV 47110		2	16		810
MV 47111		2	16		810



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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 47120		2	32		810
MV 47121		2	32		810
MV 47122		2	32		810
MV 47123		2	16		810
MV 47124		2	16		810
MV 47125		2	16		810
MV 47126		2	48		810
MV 47128		2	16		810
MV 47130		2	16		810
MV 47131		2	16		810
MV 47135		2	16		810
MV 47141		2	32		811
MV 47145		2	16		811
MV 47148		2	16		811
MV 47151		2	16		811
MV 47155		2	16		811
MV 47157		2	16		811
MV 47162		2	32		811
MV 47165		2	16		811
MV 47168		2	16		811
MV 47171		2	16		811
MV 47175		2	16		811
MV 47177		2	16		811
MV 47180		2	120		811
MV 47181		2	80		811
MV 47182		2	60		811
MV 47183		2	60		811
MV 47184		2	60		811
MV 47185		2	60		811
MV 47186		2	20		811
MV 47188		2	20		811
MV 47190		2	20		811
MV 47191		2	20		811
MV 47195		2	10		811
MV 47197		2	10		811
MV 47200		2	32		810
MV 47201		2	32		810
MV 47202		2	32		810
MV 47203		2	16		810
MV 47204		2	16		810
MV 47205		2	16		810
MV 47206		2	16		810
MV 47208		2	16		810
MV 47210		2	16		810
MV 47211		2	16		810
MV 47220		2	32		810
MV 47221		2	32		810
MV 47222		2	32		810
MV 47223		2	16		810
MV 47224		2	16		810
MV 47225		2	16		810
MV 47226		2	16		810
MV 47228		2	16		810
MV 47230		2	16		810
MV 47231		2	16		810
MV 47235		2	16		810
MV 47241		2	32		811
MV 47245		2	16		811
MV 47248		2	16		811
MV 47251		2	16		811
MV 47255		2	16		811

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 47257		2	16		811
MV 47262		2	32		811
MV 47265		2	32		811
MV 47268		2	16		811
MV 47271		2	16		811
MV 47275		2	16		811
MV 47277		2	16		811
MV 47280		2	120		811
MV 47281		2	80		811
MV 47282		2	60		811
MV 47283		2	60		811
MV 47284		2	60		811
MV 47285		2	60		811
MV 47286		2	20		811
MV 47288		2	20		811
MV 47290		2	20		811
MV 47291		2	20		811
MV 47295		2	10		811
MV 47297		2	10		811

MV48

MV 48151	100	2800		802
MV 48155	100	1600		802
MV 48157	100	1400		802

MV49

MV 49100	2	80		812
MV 49101	2	80		812
MV 49102	2	80		812
MV 49103	2	60		812
MV 49104	2	60		812
MV 49105	2	60		812
MV 49106	2	60		812
MV 49108	2	40		812
MV 49110	2	40		812
MV 49111	2	40		812
MV 49120	2	80		812
MV 49121	2	80		812
MV 49122	2	80		812
MV 49123	2	60		812
MV 49124	2	60		812
MV 49125	4	60		812
MV 49126	2	60		812
MV 49128	2	40		812
MV 49130	2	40		812
MV 49131	2	40		812
MV 49135	2	20		812
MV 49141	2	80		813
MV 49145	2	60		813
MV 49148	2	40		813
MV 49151	2	40		813
MV 49155	2	20		813
MV 49157	2	20		813
MV 49162	2	80		813
MV 49165	2	60		813
MV 49168	2	40		813
MV 49171	2	40		813
MV 49175	2	20		813
MV 49177	2	20		813
MV 49180	2	240		813
MV 49181	2	180		813



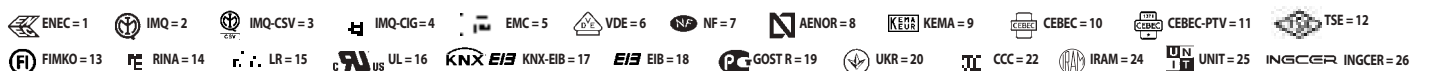
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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 49182		2	180		813
MV 49183		2	180		813
MV 49184		2	180		813
MV 49185		2	120		813
MV 49186		2	120		813
MV 49188		2	120		813
MV 49190		2	120		813
MV 49191		2	60		813
MV 49195		2	60		813
MV 49197		2	60		813
MV 49200		2	80		812
MV 49201		2	80		812
MV 49202		2	80		812
MV 49203		2	60		812
MV 49204		2	60		812
MV 49205		2	60		812
MV 49206		2	60		812
MV 49208		2	40		812
MV 49210		2	40		812
MV 49211		2	40		812
MV 49220		2	40		812
MV 49221		2	80		812
MV 49222		2	80		812
MV 49223		2	60		812
MV 49224		2	60		812
MV 49225		2	60		812
MV 49226		2	60		812
MV 49228		2	40		812
MV 49230		2	40		812
MV 49231		2	40		812
MV 49235		2	20		812
MV 49241		2	80		813
MV 49245		2	60		813
MV 49248		2	40		813
MV 49251		2	40		813
MV 49255		2	20		813
MV 49257		2	20		813
MV 49262		2	80		813
MV 49265		2	60		813
MV 49268		2	40		813
MV 49271		2	40		813
MV 49275		2	20		813
MV 49277		2	20		813
MV 49280		2	240		813
MV 49281		2	180		813
MV 49282		2	180		813
MV 49283		2	180		813
MV 49284		2	180		813
MV 49285		2	120		813
MV 49286		2	120		813
MV 49288		2	120		813
MV 49290		2	120		813
MV 49291		2	60		813
MV 49295		2	60		813
MV 49297		2	60		813
MV50					
MV 50150	mt	30	1080	2-7-19	790
MV 50151	mt	18	756	2-7-19	790
MV 50152	mt	18	540	2-7-19	790
MV 50153	mt	18	432	2-7-19	790

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 50154	mt	18	324	2-7	790
MV 50155	mt	12	324	2-7-19	790
MV 50156	mt	12	240	2-7-19	790
MV 50157	mt	6	216	2-7-19	790
MV 50158	mt	6	108	2-7-19	790
MV 50220	mt	30	1200	2-7-19	788
MV 50221	mt	30	720	2-7-19	788
MV 50222	mt	18	432	2-7-19	788
MV 50223	mt	12	432	2-7-19	788
MV 50225	mt	6	276	2-7-19	788
MV 50230	mt	24	360	2-7-19	789
MV 50231	mt	24	216	2-7-19	789
MV 50232	mt	12	216	2-7-19	789
MV 50233	mt	12	216	2-7-19	789
MV 50234	mt	6	156	2-7	789
MV 50235	mt	6	144	2-7-19	789
MV 50236	mt	6	72	2-7-19	789
MV 50237	mt	6	72	2-7-19	789
MV 50238	mt	6	72	2-7-19	789
MV 50242	mt	12	192	2-7-19	790
MV 50243	mt	6	96	2-7-19	790
MV 50245	mt	6	96	2-7-19	790
MV 50246	mt	6	48	2-7-19	790
MV 50247	mt	6	48	2-7-19	790
MV 50248	mt	6	48	2-7-19	790
MV 50250	mt	30	1080	2-7-19	790
MV 50251	mt	18	756	2-7-19	790
MV 50252	mt	18	540	2-7-19	790
MV 50253	mt	18	432	2-7-19	790
MV 50254	mt	18	324	2-7	790
MV 50255	mt	12	324	2-7-19	790
MV 50256	mt	12	240	2-7-19	790
MV 50257	mt	6	216	2-7-19	790
MV 50258	mt	6	108	2-7-19	790
MV 50420	mt	30	1200	2-7-19	788
MV 50421	mt	30	720	2-7-19	788
MV 50422	mt	18	432	2-7-19	788
MV 50423	mt	12	432	2-7-19	788
MV 50425	mt	6	276	2-7-19	788
MV 50430	mt	24	360	2-7-19	789
MV 50431	mt	24	216	2-7-19	789
MV 50432	mt	12	216	2-7-19	789
MV 50433	mt	12	216	2-7-19	789
MV 50434	mt	6	156	2-7	789
MV 50435	mt	6	144	2-7-19	789
MV 50436	mt	6	72	2-7-19	789
MV 50437	mt	6	72	2-7-19	789
MV 50438	mt	6	72	2-7-19	789
MV 50442	mt	12	192	2-7-19	790
MV 50443	mt	6	96	2-7-19	790
MV 50445	mt	6	96	2-7-19	790
MV 50446	mt	6	48	2-7-19	790
MV 50447	mt	6	48	2-7-19	790
MV 50448	mt	6	48	2-7-19	790
MV 50520	mt	30	1200	2-7-19	788
MV 50521	mt	30	720	2-7-19	788
MV 50522	mt	18	432	2-7-19	788
MV 50523	mt	12	432	2-7-19	788
MV 50525	mt	6	276	2-7-19	788
MV 50530	mt	24	360	2-7-19	789
MV 50531	mt	24	216	2-7-19	789



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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 50532	mt	12	216	2-7-19	789
MV 50533	mt	12	216	2-7-19	789
MV 50534	mt	6	156	2-7	789
MV 50535	mt	6	144	2-7-19	789
MV 50536	mt	6	72	2-7-19	789
MV 50537	mt	6	72	2-7-19	789
MV 50538	mt	6	72	2-7-19	789
MV 50542	mt	12	192	2-7-19	790
MV 50543	mt	6	96	2-7-19	790
MV 50545	mt	6	96	2-7-19	790
MV 50546	mt	6	48	2-7-19	790
MV 50547	mt	6	48	2-7-19	790
MV 50548	mt	6	48	2-7-19	790
MV 50620	mt	30	1200	2-7-19	788
MV 50621	mt	30	720	2-7-19	788
MV 50622	mt	18	432	2-7-19	788
MV 50623	mt	12	432	2-7-19	788
MV 50625	mt	6	276	2-7-19	788
MV 50630	mt	24	360	2-7-19	789
MV 50631	mt	24	216	2-7-19	789
MV 50632	mt	12	216	2-7-19	789
MV 50633	mt	12	216	2-7-19	789
MV 50635	mt	6	144	2-7-19	789
MV 50636	mt	6	72	2-7-19	789
MV 50637	mt	6	72	2-7-19	789
MV 50638	mt	6	72	2-7-19	789
MV 50642	mt	12	216	2-7-19	790
MV 50643	mt	6	96	2-7-19	790
MV 50645	mt	6	96	2-7-19	790
MV 50646	mt	6	48	2-7-19	790
MV 50647	mt	6	48	2-7-19	790
MV 50648	mt	6	48	2-7-19	790
MV 50650	mt	30	1080	2-7-19	790
MV 50651	mt	18	756	2-7-19	790
MV 50652	mt	18	540	2-7-19	790
MV 50653	mt	18	432	2-7-19	790
MV 50655	mt	12	324	2-7-19	790
MV 50656	mt	12	216	2-7-19	790
MV 50657	mt	6	216	2-7-19	790
MV 50658	mt	6	108	2-7-19	790

MV51					
MV 51100		10	24000	19	824
MV 51101		100	4800	19	793
MV 51103		100	2400	19	792
MV 51105		100	8000	19	793
MV 51107		100	2400	19	793
MV 51108		100	3200	19	793
MV 51110		50	1200	2-7-19	791
MV 51123		100	8000	2-7-19	791
MV 51130		100	2400	19	792
MV 51131		70	3360	19	792
MV 51132		50	1600	19	792
MV 51133		40	1280	19	792
MV 51134		25	300	19	792
MV 51135		25	300	19	792
MV 51136		10	200	19	792
MV 51137		10	200	19	792
MV 51138		10	200	19	792
MV 51140		50	1200	19	793
MV 51148		10	1120	19	792

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 51149		10	1120	19	793
MV 51201		100	4800	19	793
MV 51202		100	16800	19	793
MV 51203		100	2400	19	792
MV 51205		100	8000	19	793
MV 51207		100	2400	19	793
MV 51208		100	3200	19	793
MV 51210		50	1200	2-7-19	791
MV 51220		100	48000	2-7-19	791
MV 51221		100	80000	2-7-19	791
MV 51222		100	32000	2-7-19	791
MV 51223		30	0	2-7-19	791
MV 51230		100	2400	19	792
MV 51231		70	3360	19	792
MV 51232		50	1600	19	792
MV 51233		40	1280	19	792
MV 51234		25	300	19	792
MV 51235		25	300	19	792
MV 51236		10	200	19	792
MV 51237		10	200	19	792
MV 51238		10	200	19	792
MV 51240		50	1200	19	793
MV 51402		100	16800	19	793
MV 51420		100	36000	2-7-19	791
MV 51421		100	80000	2-7-19	791
MV 51422		100	32000	2-7-19	791
MV 51600		10	48000	19	824
MV 51601		100	4800	19	793
MV 51602		100	16800	19	793
MV 51605		100	8000	19	793
MV 51607		100	2400	19	793
MV 51608		100	3000	19	793
MV 51620		50	38400	2-7-19	791
MV 51621		50	80000	2-7-19	791
MV 51622		100	0	2-7-19	791
MV 51623		30	7200	2-7-19	791
MV 51630		100	2400	19	792
MV 51631		70	3360	19	792
MV 51632		50	1600	19	792
MV 51633		40	1280	19	792
MV 51634		25	300	19	792
MV 51635		25	300	19	792
MV 51639		25	300	19	792
MV 51806		100	0	19	793
MV 51904		1	60	19	794
MV 51943		1	1	19	794
MV 51945		1	312	19	794
MV 51946		10	2400	19	794
MV 51947		50/500	16000	19	794

MV60					
MV 60100		50	2400		823
MV 60101		50	1600		823
MV 60102		40	960		823
MV 60113		12	72		823
MV 60114		8	64		823
MV 60115		6	36		823
MV 60130		100	1600		826
MV 60131		80	1280		826
MV 60132		50	1600		826
MV 60133		25	800		826



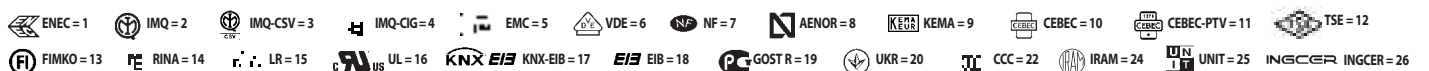
CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 60134		20	240		826
MV 60135		18	216		826
MV 60200		50	2400		823
MV 60201		50	1600		823
MV 60202		40	960		823
MV 60213		12	576		823
MV 60214		8	288		823
MV 60215		6	288		823
MV 60230		100	1600		826
MV 60231		80	1280		826
MV 60232		50	1200		826
MV 60233		25	800		826
MV 60234		20	240		826
MV 60235		18	216		826
MV 60600		50	2400		823
MV 60601		50	1600		823
MV 60612		40	200		823
MV 60613		12	72		823
MV 60614		8	64		823
MV 60615		6	48		823
MV 60630		100	1600		826
MV 60631		80	1280		826
MV 60632		50	1600		826
MV 60633		25	800		826
MV 60634		20	240		826
MV 60635		18	216		826

MV61					
MV 61100		50	800		829
MV 61101		36	864		829
MV 61102		25	600		829
MV 61103		16	192		829
MV 61104		14	168		829
MV 61105		14	168		829
MV 61106		14	168		829
MV 61160		50	1200		827
MV 61161		50	1600		827
MV 61162		50	1200		827
MV 61163		24	576		827
MV 61164		16	192		827
MV 61200		50	800		829
MV 61201		36	864		829
MV 61202		25	600		829
MV 61203		16	192		829
MV 61204		14	168		829
MV 61205		14	168		829
MV 61206		14	168		829
MV 61231		20	640		829
MV 61232		20	480		829
MV 61233		15	480		829
MV 61234		15	180		829
MV 61241		20	640		829
MV 61242		20	320		829
MV 61243		15	360		829
MV 61244		15	180		829
MV 61245		12	144		829
MV 61246		12	144		829

MV62					
MV 62100		32	384		823
MV 62101		25	300		823

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 62102		25	300		823
MV 62110		30	720		824
MV 62111		30	360		824
MV 62112		30	360		824
MV 62113		30	480		824
MV 62114		30	240		824
MV 62115		20	240		824
MV 62116		30	360		824
MV 62117		30	240		824
MV 62118		24	192		824
MV 62120		60	1920		825
MV 62121		10	120		825
MV 62122		10	560		825
MV 62123		10	300		825
MV 62124		6	300		825
MV 62200		32	384		823
MV 62201		25	300		823
MV 62202		25	300		823
MV 62210		30	720		824
MV 62211		30	360		824
MV 62212		30	360		824
MV 62213		30	480		824
MV 62214		30	240		824
MV 62215		20	240		824
MV 62216		30	360		824
MV 62217		30	240		824
MV 62218		24	192		824
MV 62220		60	1920		825
MV 62221		10	120		825
MV 62222		10	80		825
MV 62223		10	300		825
MV 62224		10	300		825
MV 62600		32	384		823
MV 62601		25	300		823
MV 62602		25	300		823
MV 62610		30	720		824
MV 62611		30	360		824
MV 62612		30	360		824
MV 62613		30	480		824
MV 62614		30	240		824
MV 62615		20	240		824
MV 62616		30	360		824
MV 62617		30	240		824
MV 62618		24	192		824
MV 62620		60	1920		825
MV 62621		10	120		825
MV 62622		10	80		825
MV 62623		10	300		825
MV 62624		10	300		825

MV63					
MV 63101		14	168		828
MV 63103		14	168		828
MV 63105		10	120		828
MV 63107		10	120		828
MV 63110		10	80		828
MV 63111		6	48		828
MV 63113		6	60		828
MV 63114		6	48		828
MV 63115		4	32		828
MV 63117		4	60		828



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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 63140		10	120		828
MV 63145		6	72		828
MV 63201		14	168		828
MV 63203		14	168		828
MV 63205		10	120		828
MV 63207		10	80		828
MV 63210		10	80		828
MV 63211		6	48		828
MV 63213		6	60		828
MV 63214		6	48		828
MV 63215		4	32		828
MV 63217		4	60		828
MV 63240		10	120		828
MV 63245		6	72		828

MV64					
MV 64105		50	4000		824
MV 64110		20	2000		825
MV 64111		20	1600		825
MV 64112		100	8400		826
MV 64113		25	600		825
MV 64114		100	32000		826
MV 64161		50	800		792
MV 64162		60	2880		793
MV 64180		32	3200		827
MV 64181		40	4000		827
MV 64210		20	2000		825
MV 64211		20	1600		825
MV 64212		100	8400		826
MV 64213		25	600		825
MV 64230		25	600		828
MV 64240		15	360		828
MV 64241		25	2000		828
MV 64261		50	800		792
MV 64262		60	2880		793
MV 64401		100	16800		824
MV 64610		20	2000		825
MV 64611		20	1600		825
MV 64612		100	8400		826
MV 64613		25	600		825
MV 64614		100	32000		826
MV 64661		50	800		792
MV 64662		60	2880		793
MV 64670		30	960		792
MV 64671		30	720		792
MV 64672		30	360		792
MV 64673		30	360		792
MV 64674		25	300		792
MV 64682		1/10	1680		827
MV 64783		10	16800		827

MV65					
MV 65110	mt	15	900	2-7-19	791
MV 65110	mt	15	900	2-7-19	802
MV 65111	mt	15	1500	2-7-19	791
MV 65111	mt	15	1500	2-7-19	802
MV 65112	mt	15	900	19	802
MV 65113	mt	15	900	2-7-19	791
MV 65113	mt	15	900	2-7-19	802
MV 65130	mt	30	1800		822
MV 65131	mt	30	1500		822

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 65133	mt	30	240		822
MV 65134	mt	30	3000		822
MV 65135	mt	30	2400		822
MV 65150		10	720		822
MV 65151		10	330		822
MV 65152		20	300		822
MV 65160		10	1000		822
MV 65162		10	1500		822
MV 65163		10	400		822
MV 65171		20	400	19	828
MV 65172		10	240	19	828
MV 65173		8	0	19	828
MV 65174		20	100	19	828
MV 65175		10	150	19	828
MV 65176		8	96	19	828
MV 65180		60	1920	19	828
MV 65190		50	1600	19	827
MV 65191		32	384	19	827
MV 65192		6	288	19	827
MV 65193		6	288	19	827
MV 65210	mt	15	2700	2-7-19	791
MV 65210	mt	15	2700	2-7-19	802
MV 65211	mt	15	1440	2-7-19	791
MV 65211	mt	15	1440	2-7-19	802
MV 65212		5	300		802
MV 65213	mt	15	4500	2-7-19	791
MV 65213	mt	15	4500	2-7-19	802
MV 65230	mt	30	1200		822
MV 65231	mt	30	1500		822
MV 65233	mt	30	1500		822
MV 65234	mt	30	300		822
MV 65235	mt	30	300		822
MV 65250		10	720		822
MV 65251		10	330		822
MV 65252		20	300		822
MV 65260		10	600		822
MV 65262		10	1500		822
MV 65263		10	400		822
MV 65271		20	160	19	828
MV 65272		10	240	19	828
MV 65273		8	0	19	828
MV 65274		20	100	19	828
MV 65275		10	150	19	828
MV 65276		8	96	19	828
MV 65280		60	1920	19	828
MV 65610	mt	15	900	2-7-19	791
MV 65611	mt	15	900	2-7-19	791
MV 65613	mt	15	0	2-7-19	791

MV66					
MV 66100		100	96000	19	803
MV 66100		100	96000	19	826
MV 66101		100	90000	19	803
MV 66101		100	90000	19	826
MV 66122		100	2400	19	823
MV 66123		100	2400	19	823
MV 66200		100	96000	19	803
MV 66200		100	96000	19	826
MV 66201		100	96000	19	803
MV 66201		100	96000	19	826
MV 66203		100	36000	2-7-19	791



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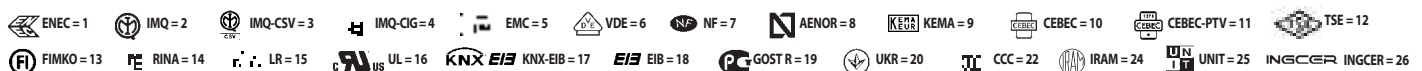
③=September 2010

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
MV 66203		100	36000	2-7-19	803
MV 66203		100	36000	2-7-19	826
MV 66222		100	2400	19	823
MV 66223		100	2400	19	823
MV 66403		100	90000	2-7-19	791
MV 66403		100	90000	2-7-19	803
MV 66403		100	90000	2-7-19	826
MV 66620		100	96000	2-7-19	791
MV 66622		50	1200	19	823
MV 66623		50	1200	19	823

NP40					
CODE	UM	PACK/ CARTON	PALLET	MARKS	PAGE
NP 40002	mt	100	10800		734
NP 40008	mt	100	10800		734
NP 40014	mt	100	6600		734
NP 40019	mt	40	8800		734
NP 40020	mt	40	8800		734
NP 40021	mt	40	8800		734
NP 40022	mt	40	8800		734
NP 40026	mt	100	5600	2	734
NP 40032	mt	100	6600	2	734
NP 40038	mt	60	6480	2	734
NP 40044	mt	100	6600	2	734
NP 40050	mt	66	3300	2	734
NP 40056	mt	50	3600	2	734
NP 40062	mt	88	5280	2	734
NP 40068	mt	42	2352		734
NP 40102		20	12320	2	735
NP 40108		20	6720	2	735
NP 40114		20	6720	2	735
NP 40120		20	6720	2	735
NP 40126		20	6720	2	735
NP 40132		20	6720	2	735
NP 40138		20	3360		735
NP 40144		20	6720	2	735
NP 40150		20	6720	2	735
NP 40156		20	6720	2	735
NP 40162		20	6720	2	735
NP 40168		20	6720	2	735
NP 40174		20	6720	2	735
NP 40180		20	3360		735
NP 40202		20	6720	2	735
NP 40208		20	6720	2	735
NP 40214		20	6720	2	735
NP 40220		20	6720	2	735
NP 40226		20	6720	2	735
NP 40232		20	6720	2	735
NP 40238		20	3360		735
NP 40244		20	6720	2	735
NP 40250		20	6720	2	735
NP 40256		20	6720	2	735
NP 40262		20	6720	2	735
NP 40268		20	3360	2	735
NP 40274		20	6720	2	735
NP 40280		20	3360		735
NP 40302		20	10780	2	735
NP 40308		20	6720	2	735
NP 40314		20	6720	2	735
NP 40320		20	6720	2	735
NP 40326		20	6720	2	735
NP 40332		20	6720	2	735

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
NP 40344		20	7180	2	736
NP 40350		20	6720	2	736
NP 40356		20	6720	2	736
NP 40362		20	6720	2	736
NP 40368		20	6720	2	736
NP 40374		20	6720	2	736
NP 40432		10	600		736
NP 40432		10	600		746
NP 40434		10	360		746
NP 40438		10	480		736
NP 40438		10	480		746
NP 40440		10	360		746
NP 40444		5	180		736
NP 40444		5	180		746
NP 40446		5	180		746
NP 40562		10	1680		736
NP 40581		1	168		736

NP42					
CODE	UM	PACK/ CARTON	PALLET	MARKS	PAGE
NP 42003	mt	50	1800	2	741
NP 42003	mt	50	1800	2	743
NP 42004	mt	24	1152	2	744
NP 42018	mt	50	1800	2	741
NP 42020	mt	50	1800	2	741
NP 42024	mt	24	864	2	744
NP 42026	mt	24	864	2	744
NP 42054		10	3360	2	741
NP 42056		10	3360	2	741
NP 42060		5	840	2	745
NP 42062		5	360	2	745
NP 42072		10	3360	2	741
NP 42074		10	3360	2	741
NP 42078		5	360	2	745
NP 42080		5	360	2	745
NP 42102		5	560	2	745
NP 42104		5	120	2	745
NP 42108		5	560	2	745
NP 42110		5	560	2	745
NP 42120		10	4230	2	741
NP 42122		10	3360	2	741
NP 42126		5	1680	2	745
NP 42128		5	360	2	745
NP 42138		10	3360	2	741
NP 42140		10	3360	2	741
NP 42162		10	3360	2	741
NP 42164		10	3360	2	741
NP 42180		5	840	2	745
NP 42182		5	1680	2	745
NP 42187	mt	20	4400	2	744
NP 42192		10	840	2	744
NP 42194		10	720	2	744
NP 42198		10	720	2	744
NP 42200		10	720	2	744
NP 42204		10	840	2	744
NP 42206		10	720	2	744
NP 42216		10	3360	2	742
NP 42218		10	3360	2	742
NP 42222		10	3360	2	742
NP 42224		10	3360	2	742
NP 42240		10	3360	2	742
NP 42242		10	3360	2	742



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CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
NP 42246		10	3360	2	742
NP 42248		10	3360	2	742
NP 42252		10	3360	2	742
NP 42254		10	3360	2	742
NP 42264		10	3360	2	740
NP 42276		5	560	2	745
NP 42278		5	560	2	745
NP 42282		5	560	2	745
NP 42284		5	560	2	745
NP 42402	mt	50	1800	2	743
NP 42404	mt	50	1800	2	743
NP 42414		10	1680	2	743
NP 42416		10	1680	2	743
NP 42420		10	1680	2	743
NP 42422		10	1680	2	743
NP 42426		10	840	2	743
NP 42428		10	720	2	743
NP 42432		10	3360	2	743
NP 42434		10	3360	2	743
NP 42438		10	3730	2	743
NP 42440		10	3360	2	743
NP 42444		10	1680	2	743
NP 42446		10	1680	2	743
NP 42450		10	1120	2	744
NP 42452		10	1120	2	744
NP 42456		5	560	2	745
NP 42458		5	360	2	745
NP 42462		10	1680	2	742
NP 42464		10	1680	2	742
NP 42502	mt	34	2244	2	740
NP 42508		5	1680	2	740
NP 42514		5	1680	2	740
NP 42520		5	1680	2	740
NP 42526		10	3360	2	740
NP 42532		10	3360	2	740
NP 42554	mt	20	1000		746
NP 42555	mt	20	1000		746
NP 42556	mt	20	1000		746
NP 42560		5	840		746
NP 42561		5	840		746
NP 42562		5	600		746
NP 42566		5	1680		746
NP 42567		5	1680		746
NP 42568		5	1680		746
NP 42820		2	300		746

NP44					
NP 44002	mt	42	2520		761
NP 44007	mt	48	1728		761
NP 44012	mt	48	1728		761
NP 44017	mt	30	1500		761
NP 44022	mt	32	1152		761
NP 44027	mt	24	1152		761
NP 44032	mt	24	672		761
NP 44037	mt	16	576		761
NP 44042	mt	20	560		761
NP 44052	mt	24	1152		761
NP 44057	mt	24	672		761
NP 44102		4	672		761
NP 44107		4	672		761
NP 44112		4	1344		761

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
NP 44117		4	384		761
NP 44122		4	1344		761
NP 44127		4	672		761
NP 44132		4	448		761
NP 44137		4	672		761
NP 44157		4	672		761
NP 44162		4	672		761
NP 44167		4	1344		761
NP 44172		4	384		761
NP 44177		4	1344		761
NP 44182		4	672		761
NP 44187		4	144		761
NP 44192		4	448		761
NP 44212		4	672		761
NP 44217		4	672		761
NP 44222		4	1344		761
NP 44227		4	672		761
NP 44232		4	1344		761
NP 44237		4	672		761
NP 44242		4	448		761
NP 44247		4	672		761
NP 44267		4	1344		762
NP 44272		4	288		762
NP 44277		4	288		762
NP 44282		4	288		762
NP 44287		4	1344		762
NP 44292		4	144		762
NP 44297		4	108		762
NP 44302		4	144		762
NP 44307		4	108		762
NP 44317		10	3360		762
NP 44322		10	3360		762
NP 44327		10	3360		762
NP 44332		10	3360		762
NP 44337		10	3360		762
NP 44342		10	3360		762
NP 44347		10	3360		762
NP 44352		10	3360		762
NP 44357		10	1680		762
NP 44401		50	16800		762
NP 44402		50	16800		762
NP 44403		50	16800		762
NP 44405		10	3360		762
NP 44406		10	3360		762

NP46					
NP 46001	mt	54	4158		763
NP 46004	mt	54	4158		763
NP 46007	mt	24	720		763
NP 46010	mt	24	1008		763
NP 46013	mt	16	480		763
NP 46016	mt	16	576		763
NP 46019	mt	16	320		763
NP 46022	mt	16	800		763
NP 46025	mt	12	240		763
NP 46028	mt	12	576		763
NP 46031	mt	6	108		763
NP 46034	mt	6	252		763
NP 46037	mt	4	140		763
NP 46040	mt	4	140		763
NP 46043	mt	6	240		763



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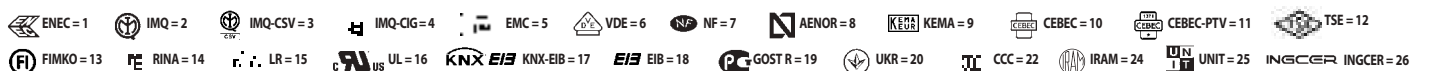
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CODE	UM	QUANTITY		MARKS	PAGE
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NP 46046	mt	6	90		763
NP 46101		1	168		763
NP 46104		1	168		763
NP 46107		1	168		763
NP 46110		1	168		763
NP 46113		1	168		763
NP 46116		1	168		763
NP 46119		1	168		763
NP 46122		1	168		763
NP 46125		1	168		763
NP 46128		1	168		763
NP 46131		1	27		763
NP 46134		1	27		763
NP 46137		1	27		763
NP 46140		1	27		763
NP 46143		1	27		763
NP 46146		1	27		763
NP 46155		1	168		763
NP 46158		1	168		763
NP 46161		1	168		763
NP 46164		1	168		763
NP 46167		1	168		763
NP 46170		1	168		763
NP 46173		1	168		763
NP 46176		1	168		763
NP 46179		1	168		763
NP 46182		1	168		763
NP 46185		1	27		763
NP 46188		1	27		763
NP 46191		1	27		763
NP 46194		1	27		763
NP 46197		1	27		763
NP 46200		1	27		763
NP 46209		1	168		764
NP 46212		1	168		764
NP 46215		1	168		764
NP 46218		1	168		764
NP 46221		1	168		764
NP 46224		1	168		764
NP 46227		1	168		764
NP 46230		1	168		764
NP 46233		1	168		764
NP 46236		1	168		764
NP 46239		1	33		764
NP 46242		1	24		764
NP 46245		1	27		764
NP 46248		1	27		764
NP 46251		1	27		764
NP 46254		1	27		764
NP 46263		1	72		764
NP 46266		1	72		764
NP 46269		1	72		764
NP 46272		1	72		764
NP 46275		1	24		764
NP 46278		1	72		764
NP 46281		1	72		764
NP 46284		1	72		764
NP 46287		1	72		764
NP 46290		1	72		764
NP 46293		1	24		764
NP 46296		1	24		764

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
NP 46299		1	24		764
NP 46302		1	24		764
NP 46305		1	24		764
NP 46308		1	24		764
NP 46361		10	3360		764
NP 46362		10	3360		764
NP 46363		10	3360		764
NP 46365		10	3360		764
NP 46367		10	3360		765
NP 46368		25	8400		765
NP 46369		25	3800		765
NP 46370		25	4000		765
NP 46371		25	4200		765
NP 46381		1	336		765
NP 46382		10	3360		765
NP 46383		10	33600		765
NP 46384		10	33600		765
NP 46385		10	33600		765
NP 46386		10	33600		765
NP 46387		10	360		765
NP 46388		10	360		765
NP 46721		5	1680		764
NP 46722		5	1680		764
NP 46723		5	1680		764
NP 46724		5	1680		764
NP 46725		5	840		764

NP48					
NP 48022	mt	14	350		779
NP 48057		50	1800		779
NP 48062	mt	10	2340		779
NP 48066	mt	10	1080		779
NP 48081		1000	0		780
NP 48082		1000	0		780
NP 48083		1	336		780
NP 48084		1	336		780
NP 48087		50	16800		779
NP 48091	mt	25	1800		780
NP 48092	mt	25	1800		780
NP 48093	mt	25	2100		780
NP 48094	mt	25	2100		780
NP 48095	mt	25	900		780
NP 48096	mt	25	900		780
NP 48201	mt	48	2640		779
NP 48203	mt	54	1944		779
NP 48204	mt	40	1920		779
NP 48205	mt	32	1152		779
NP 48206	mt	44	2112		779
NP 48207	mt	32	1152		779
NP 48208	mt	42	1176		779
NP 48209	mt	28	784		779
NP 48210	mt	20	560		779
NP 48211	mt	24	576		779
NP 48212	mt	28	1400		779
NP 48213	mt	28	1008		779
NP 48214	mt	24	864		779
NP 48215	mt	24	600		779
NP 48216	mt	16	480		779
NP 48217	mt	16	320		779
NP 48218	mt	24	672		779
NP 48219	mt	20	400		779



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NP 48241		50	8400		779
NP 48242		50	5600		779
NP 48243		50	5600		779
NP 48244		50	1800		779
NP 48245		50	8400		779
NP 48246		50	5600		779
NP 48247		50	5600		779
NP 48248		50	1800		779
NP 48249		50	1800		779
NP 48250		50	5600		779
NP 48251		50	5600		779
NP 48261	mt	10	2340		779
NP 48262	mt	10	2340		779
NP 48263	mt	10	1210		779
NP 48264	mt	10	1080		779
NP 48281		10	3360		780
NP 48282		10	3360		780
NP 48283		10	3360		780
NP 48284		10	3360		780
NP 48285		10	3360		780
NP 48286		10	3360		780
NP 48287		10	3360		780
NP 48288		10	3360		780
NP 48289		10	3360		780
NP 48290		10	3360		780
NP 48291		10	3360		780
NP 48292		10	3360		780
NP 48293		10	3360		780
NP 48294		10	3360		780
NP 48295		10	1680		780
NP 48297		10	3360		780
NP 48367		100	33600		779

NP50					
NP 50002	mt	12	384	2	755
NP 50004	mt	12	384	2	755
NP 50008	mt	8	280	2	755
NP 50010	mt	8	280	2	755
NP 50014	mt	8	288	2	755
NP 50016	mt	8	288	2	755
NP 50020	mt	6	180	2	755
NP 50022	mt	6	180	2	755
NP 50038	mt	4	112	2	755
NP 50040	mt	4	112	2	755
NP 50045		4	144	2	755
NP 50047		4	144	2	755
NP 50051		4	156	2	755
NP 50053		4	144	2	755
NP 50057		4	216	2	755
NP 50059		4	144	2	755
NP 50063		4	112	2	755
NP 50065		4	108	2	755
NP 50069		4	32		755
NP 50071		4	32		755
NP 50081		4	32	2	755
NP 50083		4	32	2	755
NP 50087		4	216	2	755
NP 50089		4	216	2	755
NP 50093		4	96	2	755
NP 50095		4	72	2	755
NP 50099		4	120	2	755

CODE	UM	QUANTITY		MARKS	PAGE
		PACK/ CARTON	PALLET		
NP 50101		4	144	2	755
NP 50105		4	112	2	755
NP 50107		4	108	2	755
NP 50111		4	32		755
NP 50113		4	48		755
NP 50123		4	32	2	755
NP 50125		4	32	2	755
NP 50129		4	392	2	756
NP 50131		4	328	2	756
NP 50135		4	216	2	756
NP 50137		4	216	2	756
NP 50141		4	216	2	756
NP 50143		4	216	2	756
NP 50147		4	96	2	756
NP 50149		4	72	2	756
NP 50153		4	96		756
NP 50155		4	96		756
NP 50165		4	48	2	756
NP 50167		4	32	2	756
NP 50171		4	32	2	756
NP 50173		4	32	2	756
NP 50177		4	32	2	756
NP 50179		4	32	2	756
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NP 50295	mt	48	3168	2	773
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①=May 2010

②=June 2010

③=September 2010

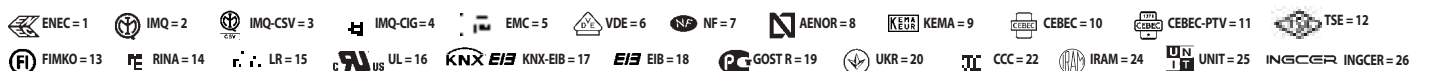
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NP 50306		40	1200		754
NP 50307		20	1440		754
NP 50307		20	1440		758
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NP 50313		5	1080		757
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NP 50332		5	1600		757
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NP 50618		5	825		757
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NP 50724		5	750		757
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NP 50742		5	225		757
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NP 50744		5	0		757
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NP 52134		2	54		752
NP 52150		2	420		752
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CODE	UM	QUANTITY		MARKS	PAGE
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NP 54019	mt	4	140	2	770
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GW84204	GW80446
GW84205	GW84133S
GW84220	GW84133M
GW80401	GW84134S
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GW80412	GW84593S
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GW80429F	GW83563M
GW80417	GW83564M
GW80418	GW83566S
GW68790	GW83566M
GW68791	GW83567M
GW68790	GW83573S
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GW68751	GW83574M
GW68752	GW83576S
GW80454	GW83576M
GW80455	GW83577M
GW80456	
GW80444	

The logo for GEWISS, featuring the word "GEWISS" in a bold, orange, sans-serif font. The letters are slightly shadowed, giving it a three-dimensional appearance as if it's floating above a dark surface.

DOMOTICS ENERGY LIGHTING

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gewiss@gewiss.com - www.gewiss.com



GEWISS

Domotics

Energy Din-Bloc-Box

Lighting

Trade Catalogue

2010

GEWISS GROUP



FRANCE

GEWISS FRANCE - LES ULIS



GERMANY

GEWISS DEUTSCHLAND - MERENBERG



UNITED KINGDOM

GEWISS U.K. - CHIPPENHAM



SPAIN

GEWISS IBÉRICA - MADRID



PORTUGAL

GEWISS PORTUGAL - PENAFIEL



CHINA

GEWISS TRADING - SHANGAI



RUSSIA

GEWISS RUSSIA - MOSCOW



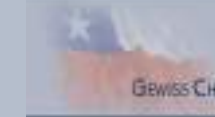
TURKEY

GEWISS ISTANBUL - ISTANBUL



ROMANIA

GEWISS ROMANIA - BUCAREST



CHILE

GEWISS CHILE - SANTIAGO DE CHILE



UAE

GEWISS GULF - DUBAI

GEWISS is an international leader in the production of systems and components for low voltage electrical installations.

The fact that development is seen as a constant management feature has permitted GEWISS to assert itself as a reference interlocutor for the electrotechnical market in the creation of solutions for domotics, energy and the lighting industry.

It is now present in Italy, France, Germany, the United Kingdom, Spain, Portugal, China, Russia, Turkey, Romania, Chile, the United Arab Emirates, and in a further 80 countries around the world.



ITALY



GEWISS HEADQUARTERS - CENATE SOTTO (BG) - ITALY

“ Development as a constant feature of management ”



Domotics

The domotic systems offer cutting-edge solutions for smart home and building management and control, guaranteeing safety, comfort and energy savings along with Italian design.

EnergyDin

The technologically advanced range of modular and moulded-case devices joins the vast range of distribution boards and cabinets, enclosures and combined boards to create the GEWISS Protection System.

EnergyBox

Special junction boxes and enclosures alongside a complete, co-ordinated line of enclosures and distribution boards. In addition, the GEWISS trunking systems are the element that combines the various system components.



EnergyBloc

Avant-garde industrial connections for the wide variety of applications guaranteed, and an integrated system of distribution boards for special systems - both fixed and mobile - for electric, design and functional co-ordination.

Lighting

The lighting solutions combine energy savings and visual comfort by offering products ideal for uses ranging from industry to street applications, from indoor and outdoor decoration to emergency lighting.

GEWISS

DOMOTICS ENERGY LIGHTING

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NEW FEATURES OF THE 2010 DOCUMENTATION



TRADE CATALOGUE

Intuitive, immediate and user-friendly, the Trade Catalogue contains all the information you need on the Domotics, EnergyDIN, EnergyBLOC, EnergyBOX and Lighting ranges: apart from the product codes, you can also find the current prices as of 1st January 2010, and the selection tables for each range.



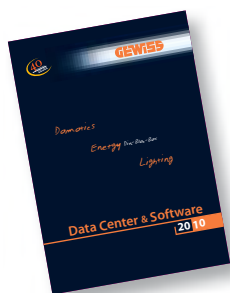
PRODUCT ALBUM

An overview of all the product families. In the Album you can find a description of the main characteristics and application advantages of the GEWISS solutions for home management, protection, energy distribution and lighting.



LIGHTING CATALOGUE

Conceived for the professionals of the world of lighting, the catalogue describes all the GEWISS lighting devices, with selection guides and technical tables to make your consultation and choice that much easier.



DVD DATA CENTER AND SOFTWARE

A useful multimedia support for professionals who want to access the information in the GEWISS catalogue from the comfort of their own PCs. The DVD contains:

- 2010 Software - the complete software suite for the design, budgeting and certification of the GEWISS range;
- Data Center - a multimedia catalogue for browsing the 2010 Trade Catalogue, the Product Album and the technical manuals.



Products Album

Trade Catalogue

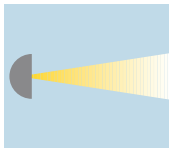
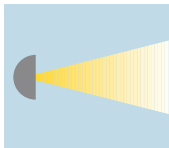
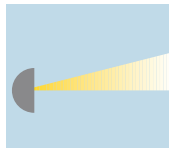
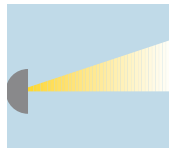
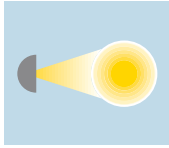
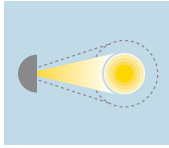

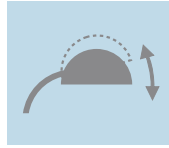

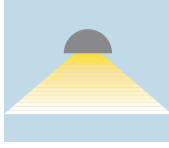
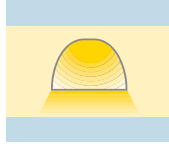



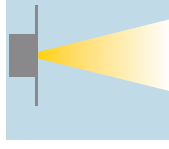
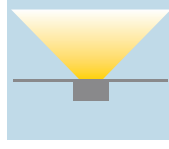



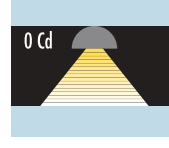
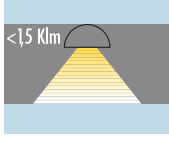

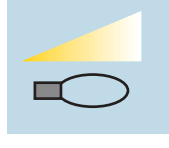

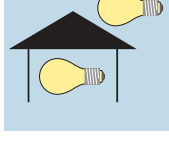
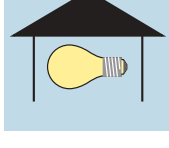



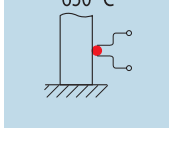
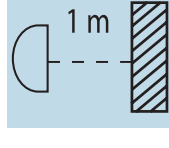

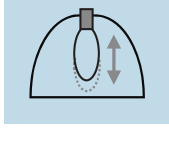
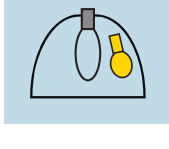
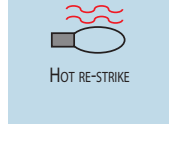
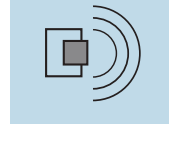


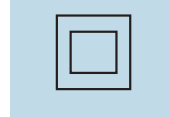

Lighting Catalogue

DVD Data Center and software

Internet Portals

Product presentation	✓	✓	✓	✓	✓
Codes		✓	✓	✓	✓
Prices		✓	✓	✓	✓
Technical characteristics				✓	✓
Design support					✓
Assistance for estimates and the layout of contract specifications		✓	✓		✓
Certification assistance					✓
Technical assistance and training					✓
Sales assistance					✓
Product availability		✓	✓		✓
Order status					✓
Sales outlets					✓
Brands and homologation		✓	✓	✓	✓

ICON KEY

	SYMMETRICAL RESTRICTED BEAM OPTICS FLOODLIGHT		SYMMETRICAL DIFFUSED BEAM OPTICS FLOODLIGHT		ASYMMETRICAL RESTRICTED BEAM OPTICS FLOODLIGHT		ASYMMETRICAL DIFFUSED BEAM OPTICS FLOODLIGHT
	CIRCULAR OPTICS FLOODLIGHT		VARIABLE FOCUS CIRCULAR OPTICS FLOODLIGHT		STREET OPTICS FLOODLIGHT		ADJUSTABLE STREET LIGHTING
	RESTRICTED BEAM OPTICS INDUSTRIAL HIGH BAY		DIFFUSED BEAM OPTICS INDUSTRIAL HIGH BAY		TRANSPARENT BEAM OPTICS INDUSTRIAL HIGH BAY		ASYMMETRICAL BEAM OPTICS INDUSTRIAL HIGH BAY
	INDIRECT OPTICS DEVICE		WALL RECESSED LUMINARY WITH ASYMMETRICAL OPTIC		WALL RECESSED LUMINARY WITH SYMMETRICAL OPTIC		GROUND RECESSED LUMINARY WITH SYMMETRICAL OPTIC
	GROUND RECESSED LUMINARY WITH ASYMMETRICAL OPTIC		WALL WASHER LUMINARY WITH SYMMETRICAL OPTIC		DECORATIVE DEVICE		NON LIGHT POLLUTING DEVICE
	<15 Klux REDUCED LIGHT POLLUTION DEVICE		DUAL POWER REGIME		DEVICE WITH POSSIBLE DIMMER		OUTDOOR DEVICE
	INDOOR/OUTDOOR DEVICE		INDOOR DEVICE		LAMPADA INCLUSA PRODUCT COMPLETE WITH LAMP		DEVICE FOR FLAMMABLE SURFACE
	LOW SURFACE TEMPERATURE DEVICE		650 °C GLOW WIRE TEST		1 m MINIMUM DISTANCE FROM LIGHTED OBJECT		MAXIMUM WIND EXPOSED SURFACE m ²
	ADJUSTABLE LAMP POSITION		AUXILIARY HALOGEN LAMP		HOT RE-STRIKE		INFRARED SENSOR
	SAFETY INSULATION TRANSFORMER		CLASS I		DOUBLE INSULATION		CLASS III

ICON KEY

<p>KCG</p>	<p>MAGNETIC POWER SUPPLY</p>	<p>EVG</p>	<p>ELECTRONIC POWER SUPPLY</p>	<p>NOT WIRED</p>	<p>Ø 470</p>	<p>HIGH BAY DIAMETER 470mm</p>	
<p>Ø 570</p>	<p>HIGH BAY DIAMETER 570mm</p>	<p>VETRO</p>	<p>HIGH BAY WITH FLAT GLASS CLOSURE</p>	<p>PC</p>	<p>HIGH BAY WITH POLYCARBONATE BOWL CLOSURE</p>	<p>PMMA</p>	<p>HIGH BAY WITH PMMA BOWL CLOSURE</p>
<p>Ø 210</p>	<p>DRILLING DIAMETER 210mm</p>	<p>Ø 75</p>	<p>DRILLING DIAMETER 75mm</p>	<p>PC</p>	<p>POLYCARBONATE GLOBE</p>	<p>PMMA</p>	<p>PMMA GLOBE</p>
<p>EMERGENCY</p>	<p>EMERGENCY DEVICE</p>	<p>ATEX</p>	<p>EXPLOSIVE ATMOSPHERE DEVICE</p>		<p>FAST WIRING DEVICE</p>	<p>Ø126</p>	<p>POLE WITH SLOTS</p>
<p>Ø60</p>	<p>CONICAL POLE</p>	<p>RGB</p>	<p>RGB LED VERSION</p>				

GEWISS PROFESSIONAL

Created from the technological evolution in GEWISS, the GEWISS Professional skills centre spreads an electro-technical culture via:

- TRAINING - a range of courses to aid the professional and technical growth of the electro-technical experts.
- TEACHING - courses, manuals and equipment for technical school teachers.
- INNOVATION - a centre for spreading topics of social interest and as a point of exchange for people involved in plant engineering.
- SKILLS - teaching instruments and technical manuals for all those who want to develop their knowledge and learn about training activities.

The aim of GEWISS Professional is to help professionals increase their own, highly personal, unique and incomparable skills background via a path that leads them to fulfil their own professional potential. Installers and electrical designers, architects and professionals of the construction sector are the main target of the GEWISS Professional initiatives. But that's not all. The tools provided by GEWISS Professional will be a firm support for technical schools, universities, and production/entrepreneurial set-ups as well. For further information about the initiatives of GEWISS Professional, go to www.gewissprofesional.com.



GEWISS TRAINING

In recent years, GEWISS has dramatically increased its investments in training activities, by increasingly broadening the selection of activities dedicated to professionals of the electronics sector, in particular installers, designers, architects and building industry

representatives. In order to grasp the company's commitment, let's mention the number of activities pertaining to 2009: 800 training events (meetings, seminars, congresses and courses), which more than 50,000 professionals of the electronic sector attended.

Through these activities, GEWISS implements the objective of its "mission", that is the willingness to bring INNOVATION to the market.

Training is strategic to the whole sector, as the electrical world is evolving and the professionals concerned will increasingly have to possess adequate knowledge of the most modern system technologies. Today it is indispensable to possess cross-sector skills which foster the interaction between the electrical system and all the systems found in a building, by taking advantage of the automation and communication potentials offered by modern technologies.



www.gewiss.com



Thanks to the GEWISS electro-technical portal, you can keep up to date with the new ideas in the GEWISS range, follow on-line technical training courses, and consult the interactive catalogue and the technical bulletin. What's more, by accessing the GEWISS on-line services you'll receive prompt technical and commercial assistance at all times.

www.gewiss.tv



The first online TV of the electro-technical world, offering constant updates on all the innovations in this sector. On Gewiss.tv you'll find training videos, information, application references, and interviews with the experts.

www.gewiss.chorus.com



For all those who want to discover a new way of living the home, based around design, safety and practicality. The web area dedicated to the Chorus international domotic system lets you dress the walls of the home and choose the best solution for every room.

www.gewissprofessional.com



The site dedicated to the new GEWISS skills centre, promoting a new system culture via training courses, manuals, workshops and teaching kits for all those professionals who want to keep abreast of technological innovation.

www.spaziochorus.com




By just accessing the site, you can make a virtual tour through SPAZIO CHORUS, the intelligent GEWISS home in the heart of Fieramilano (Rho). Spaziochorus.com is a wonderful interactive experience applied to day-to-day life.

A complete software suite for the design, cost estimates and certification of the GEWISS range.




START PROLITE

Software for the control and management of Gewiss programs. It shows all the characteristics of the various software packages by means of descriptions, pictures and video courses, making the choice easier.



CAD GWCAD

Software for the design and cost estimate of residential and tertiary electrical systems. It allows to obtain the documents to be attached to the Declaration of Conformity.




NEW AESSE GWAESSE

Software to configure AS, ACS or ASD-type distribution boards of the pre-established Gewiss building system and write the technical documentation, cost estimate and plate.




PROLITE PROLITE

Software for the lighting design of indoor and outdoor environments and the creation of the documentation to be supplied to the client as project selection aid.




PBT GWPBT-Q

Software for the design, sizing and cost estimate of BT systems and distribution boards. It also allows you to obtain the design of the front panel and carry out a thermal check.



PRICE GWPRICE

Software for the cost estimate of a complete electrical system. It may be used as a stand-alone or by importing data processed by other Gewiss programs.




CAP GWCAP

Software for the creation of bid specifications for electrical systems related to various application environments that may be selected by the user.




TEST GWTEST

Software for the certification and cost estimate of enclosures and distribution boards in a domestic and similar environment, in compliance with IEC 23-51.



37/08 GW37/08

Software to write the documentation related to the Declaration of Conformity of the up-to-standard system (Ministerial Decree 37/08 - IEC 0-3). It contains all the references to the main quality marks related to all Gewiss products.



BUS GWBUS

Software for the design and cost estimate of BUS systems.



DXF GWDXF

Software for managing the DXF drawings representing the Gewiss products, and for inserting them in AutoCad or GWCAD.



SINC GWSINC

Program for the automatic update of Gewiss software packages.

TECHNICAL ASSISTANCE SERVICE

- > Assistance for the layout of contract specifications
- > Assistance for cost estimates
- > Design assistance
- > Application software consulting
- > Applications of GEWISS products
- > GEWISS product certification
- > Assistance for system documentation
- > Information about quality marks and homologation

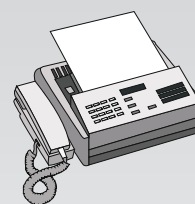


HOW TO CONTACT US



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24 Round the clock



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www.gewiss.com



GEWISS SPA

VIA A. VOLTA, 1
24069 CENATE SOTTO - BG - ITALIA

FLOODLIGHTS



Low / MEDIUM POWER

HORUS



HORUS 1



HORUS 2



HORUS 3

GENIUS



500 W



1000-1500 W

MERCURIO



MERCURIO 1



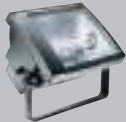
MERCURIO 2

URANO



MEDIUM / HIGH POWER

TITANO

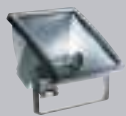


COLOSSEUM



HOT RESTRIKE

STADIUM



COMPLEMENTARY ITEMS FOR INSTALLATION

ACCESSORIES



HORUS range

Technopolymer floodlights

Technopolymer floodlight with groundbreaking technical solutions.

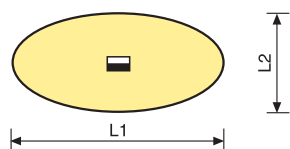
Available with symmetrical, asymmetrical, diffused, restricted, circular and street optics.

- IP65 protection class.
- Immediate access to the lamp and the component compartment.
- Autonomous emergency version for 32W fluorescent lamp.
- Directional aiming with graduated goniometric scale.



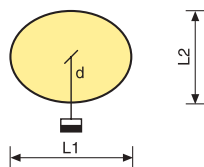
HORUS 1

70W MD SYMMETRICAL OPTICS



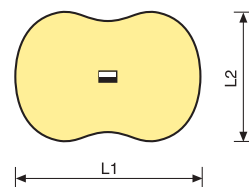
installation height	L1xL2	E max	E med.	UNIFORMITY
3m	4x3	354	247	0.7
5m	6x5	182	137	0.75
10m	10x8	38	27	0.71

70W MD ASYMMETRICAL OPTICS



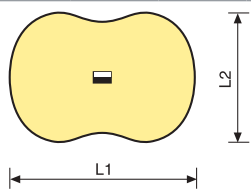
installation height	L1xL2	d	E max	E med.	UNIFORMITY
3m	3.5x2.5	1.5m	292	176	0.6
5m	5x4.5	3m	113	60	0.53
10m	9.5x7.5	5m	29	16	0.54

2x18W FSD SYMMETRICAL OPTICS



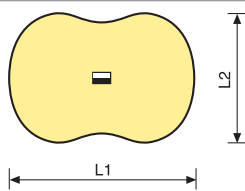
installation height	L1xL2	E max	E med.	UNIFORMITY
3m	5x4	14	10	0.7
5m	8.5x5.5	5	3.5	0.76

1x42W FSQ SYMMETRICAL OPTICS



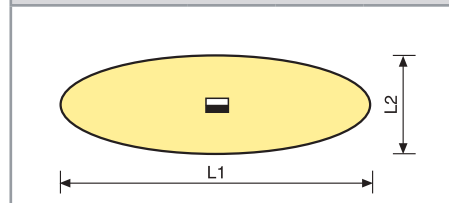
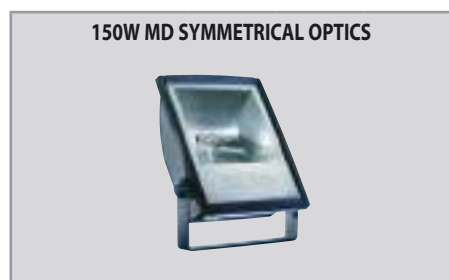
installation height	L1xL2	E max	E med.	UNIFORMITY
3m	4x3	80	48	0.6
5m	6x5	29	18	0.63

1x32W FSQ EMERGENCY SYMMETRICAL OPTICS

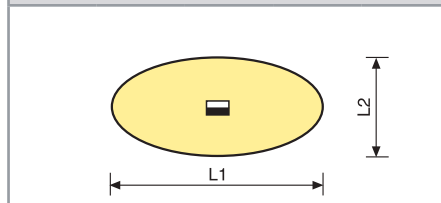
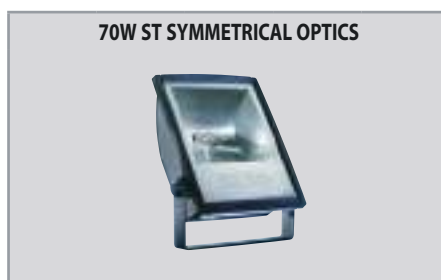


installation height	L1xL2	E max	E med.	UNIFORMITY
3m	4x4	12	8	0.7
5m	6x5	5	3.1	0.68

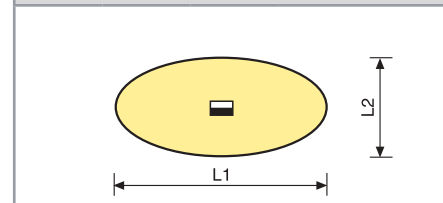
HORUS 2



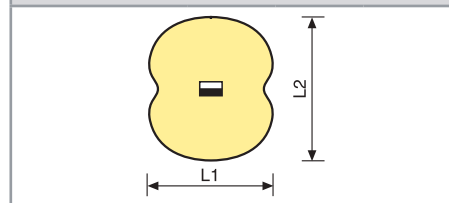
installation height	L1xL2	E max	E med.	UNIFORMITY
3m	4.5x2	792	405	0.51
5m	7x2	322	215	0.67
10m	13x3.5	85	62	0.73



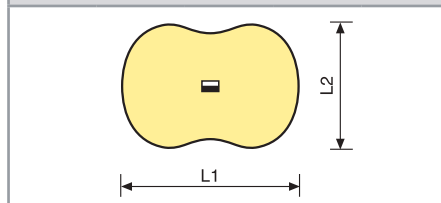
installation height	L1xL2	E max	E med.	UNIFORMITY
3m	4x2	321	241	0.63
5m	6.5x3	116	91	0.69
10m	13x5.5	29	26	0.74



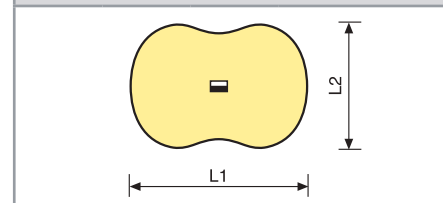
installation height	L1xL2	E max	E med.	UNIFORMITY
3m	4x2	321	223	0.69
5m	7x3.5	116	86	0.75
10m	14x6.5	29	21	0.73



installation height	L1xL2	E max	E med.	UNIFORMITY
3m	4x5	61	40	0.67
5m	7x8	22	14	0.66
10m	12x14.5	6	4	0.7

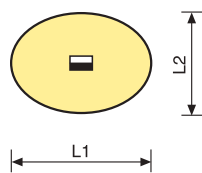


installation height	L1xL2	E max	E med.	UNIFORMITY
3m	4.5x4	80	53	0.66
5m	7x6	29	19	0.67
10m	15x13	7	4	0.6

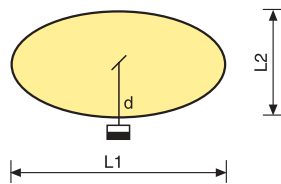
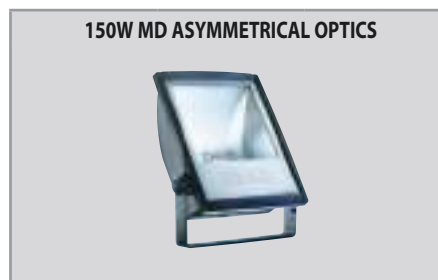


installation height	L1xL2	E max	E med.	UNIFORMITY
3m	4x2	12	8	0.7
5m	6x5	5	3.1	0.68

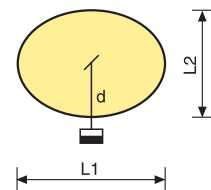
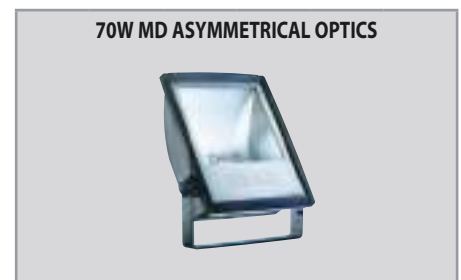
HORUS 2



installation height	L1xL2	E max	E med.	UNIFORMITY
5m	1.5x1.5	1668	1223	0.73
10m	3x2	555	350	0.63
15 m	4x2.5	278	190	0.68

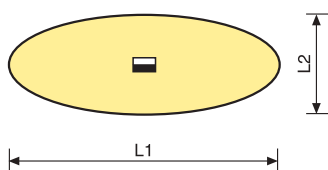
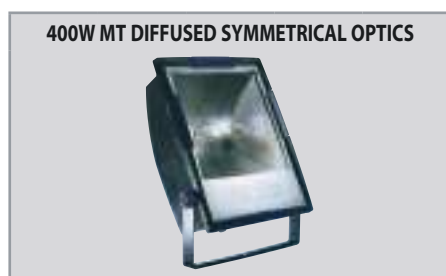


installation height	L1xL2	d	E max	E med.	UNIFORMITY
3m	4.5x2.5	1.5m	419	313	0.75
5m	8.5x4	2.5m	150	107	0.71
10m	16.5x7.5	5m	38	27	0.72

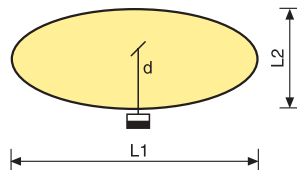
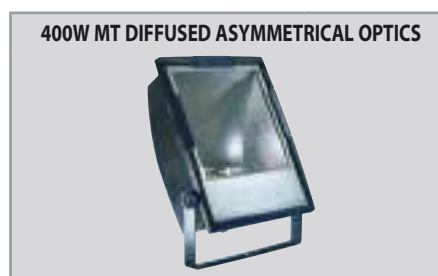


installation height	L1xL2	d	E max	E med.	UNIFORMITY
3m	4.5x3	2m	192	120	0.62
5m	8x5	3m	69	45	0.65
10m	15x19.5	6.5m	17	11	0.66

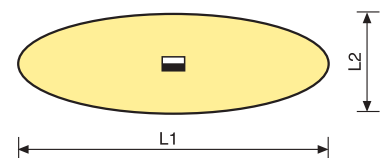
HORUS 3



installation height	L1xL2	E max	E med.	UNIFORMITY
10m	13x4	239	157	0.66
13m	17x5	143	94	0.66
16m	21.5x6	95	63	0.66

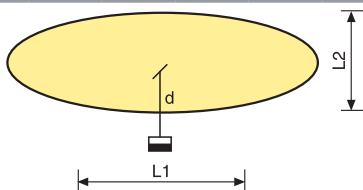
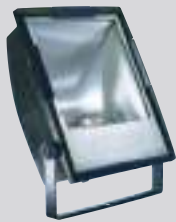


installation height	L1xL2	d	E max	E med.	UNIFORMITY
10m	14.5x5	5m	141	94	0.63
13m	18.5x6	7m	83	53	0.69
16m	23x7.5	9m	55	38	0.74



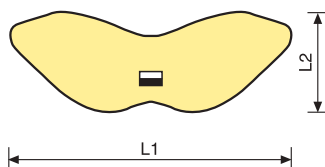
installation height	L1xL2	E max	E med.	UNIFORMITY
10m	13.5x2.5	342	205	0.6
13m	17.5x3	207	138	0.67
16m	21.5x4	84	88	0.64

400W MT ASYMMETRICAL RESTRICTED BEAM OPTICS



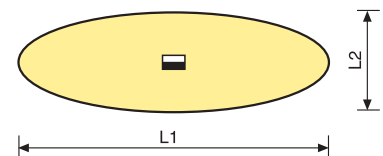
installation height	L1xL2	d	E max	E med.	UNIFORMITY
10m	13x2.5	5.5m	216	136	0.63
13m	17.5x3.5	7m	129	83	0.64
16m	21x4	9m	86	54	0.63

250W ST STREET OPTICS



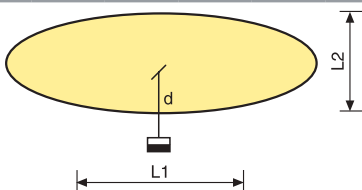
installation height	L1xL2	E max	E med.	UNIFORMITY
8 m	20x8	84	50	0.6
10m	24x10	54	32	0.59
12m	29x12	37	22	0.58

120W FSQ DIFFUSED SYMMETRICAL OPTICS

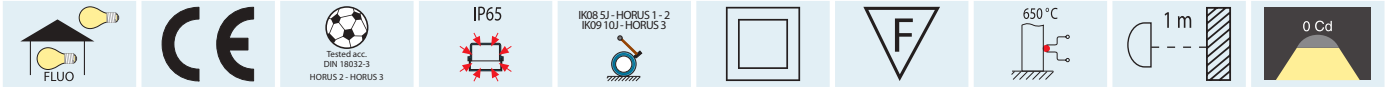


installation height	L1xL2	E max	E med.	UNIFORMITY
5m	7x4.5	120	86	0.72
7m	9.5x6	63	43	0.68
10m	14x8.5	31	21	0.68

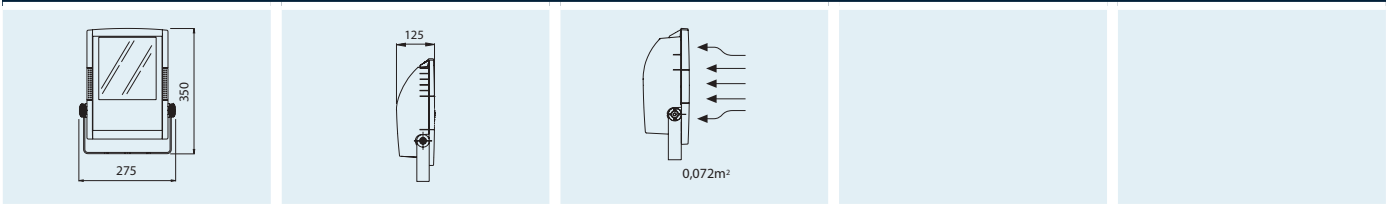
120W FSQ DIFFUSED ASYMMETRICAL OPTICS



installation height	L1xL2	d	E max	E med.	UNIFORMITY
5m	7x5	2.5m	104	64	0.62
7m	9x6	3.5m	56	36	0.64
10m	13x10	5.5m	27	17	0.64


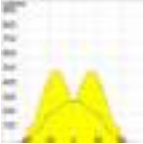


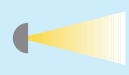


HORUS 1



SYMMETRICAL OPTICS


WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II

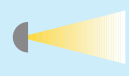

GW85302S  

   WITH LAMP

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 85 302 S	70 W	SD	RX7s	1 A	Smoke grey	3.7	1
GW 85 302 M	70 W	MD	RX7s	1 A	Smoke grey	3.7	1

NON-WIRED VERSIONS



GW85393 

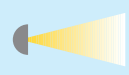
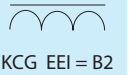
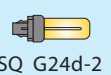
 

Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 393	70 W	-	RX7s	-	Smoke grey	2.3	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder, supply terminal.
The devices are supplied with the kit of standard accessories.


WIRED VERSIONS - IP65 - CLASS II

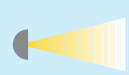

GW85306  

Code	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz						
GW 85 306	2 x 18 W	FSQ	G24d-2	Smoke grey	2.9	1
VOLTAGE: 240 V - 50 Hz						
GW 85 316	2 x 18 W	FSQ	G24d-2	Smoke grey	2.9	1

NON-WIRED VERSIONS

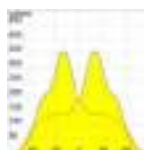
GW85392 

Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 392	2 x 18 W	-	G24d-2	-	Smoke grey	2.3	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder, supply terminal.
The devices are supplied with the kit of standard accessories.

GW85366



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II - ELECTRONIC POWER SUPPLY

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Code	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz						
GW 85 366	26/32/42 W	FSM	GX24q-3 / GX24q-4	Smoke grey	2.5	1

GW85396



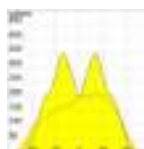
NON-WIRED VERSIONS

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Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 396	42 W	-	GX24q-4		Smoke grey	2.3	1

ACCESSORIES SUPPLIED: structural components: reflector; accessory-holding plate. Electrical components: lampholder, supply terminal.
The devices are supplied with the kit of standard accessories.

GW85367



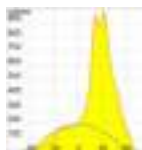
WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II - EMERGENCY VERSIONS

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Code	Lamp power	Lamp	Lamp holder	Autonomy	Flow lum. in emerg. (lm)	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz								
GW 85 367	32 W	FSM	GX24q-3	1 h	720	Smoke grey	2.8	1

ASYMMETRICAL OPTICS

GW85301M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II

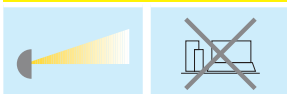


Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 85 301 S	70 W	SD	RX7s	1 A	Smoke grey	3.7	1
GW 85 301 M	70 W	MD	RX7s	1 A	Smoke grey	3.7	1
VOLTAGE: 240 V - 50 Hz							
GW 85 311 S	70 W	SD	RX7s	1 A	Smoke grey	3.7	1
GW 85 311 M	70 W	MD	RX7s	1 A	Smoke grey	3.7	1

GW85391



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 85 391	70 W	-	RX7s		Smoke grey	2.3	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder, supply terminal.
The devices are supplied with the kit of standard accessories.

COMPLEMENTARY ITEMS



OPTICAL COMPONENTS

Code	Description	Colour	Weight (kg)	Conf. Imb.
GW 85 371	Anti-glare louvre	Smoke grey	0.5	1/2
GW 85 376	Blue filter		0.7	1/2
GW 85 377	Red filter		0.7	1/2
GW 85 378	Green filter		0.7	1/2
GW 85 379	Yellow filter		0.7	1/2

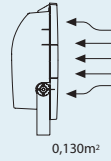
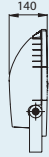
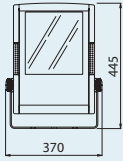
GW88292



SPARE PARTS

Code	Description	Material	Weight (kg)	Conf. Imb.
GW 88 292	Glass	Tempered glass	0.8	1

HORUS 2

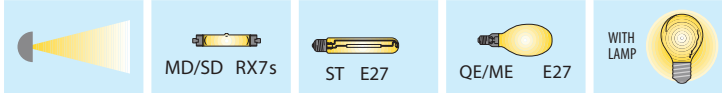


SYMMETRICAL OPTIC

GW85004M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II



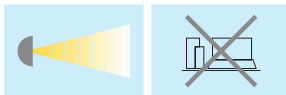
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 85 001 S	70 W	SD	RX7s	1 A	Smoke grey	5.3	1
GW 85 001 M	70 W	MD	RX7s	1 A	Smoke grey	5.3	1
GW 85 002 S	150 W	SD	RX7s	1.8 A	Smoke grey	6.3	1
GW 85 002 M	150 W	MD	RX7s	1.8 A	Smoke grey	6.3	1
GW 85 003 Q	80 W	QE	E27	0.8 A	Smoke grey	5.1	1
GW 85 004 M	100 W	ME	E27	1.1 A	Smoke grey	5.5	1
GW 85 005 S	70 W	ST*	E27	1 A	Smoke grey	5.4	1
VOLTAGE: 240 V - 50 Hz							
GW 85 011 S	70 W	SD	RX7s	1 A	Smoke grey	5.3	1
GW 85 011 M	70 W	MD	RX7s	1 A	Smoke grey	5.3	1
GW 85 012 S	150 W	SD	RX7s	1.8 A	Smoke grey	6.3	1
GW 85 012 M	150 W	MD	RX7s	1.8 A	Smoke grey	6.3	1
GW 85 013 Q	80 W	QE	E27	0.8 A	Smoke grey	5.1	1
GW 85 014 M	100 W	ME	E27	1.1 A	Smoke grey	5.5	1
GW 85 015 S	70 W	ST*	E27	1 A	Smoke grey	5.4	1

Lamp without built-in ignitor.

GW85092



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 091	150 W	-	RX7s		Smoke grey	3.9	1
GW 85 092	100 W	-	E27		Smoke grey	3.9	1

APPLICATIONS: GW85091, device suitable for 70 and 150 W lamps.

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. Devices are supplied with standard service items.

GW85006



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II

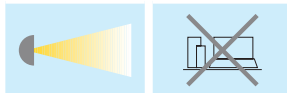


Code	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz						
GW 85 006	4 x 18 W	FSD	2G11	Smoke grey	5.5	1
VOLTAGE: 240 V - 50 Hz						
GW 85 016	4 x 18 W	FSD	2G11	Smoke grey	5.5	1

GW85097



NON-WIRED VERSIONS



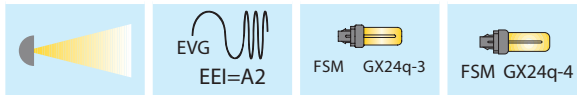
Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 097	2 x 42 W	-	GX24q-4		Smoke grey	4.1	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder, supply terminal. The devices are supplied with the kit of standard accessories.

GW85066



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II - ELECTRONIC POWER SUPPLY



Code	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz						
GW 85 066	2 x 26/32/42 W	FSM	GX24q-3 / GX24q-4	Smoke grey	4.3	1

GW85067



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II - EMERGENCY VERSIONS



Code	Lamp power	Lamp	Lamp holder	Autonomy	Flow lum. in emerg. (lm)	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz								
GW 85 067	2 x 32 W	FSM	GX24q-3	1 h	720	Smoke grey	4.8	1

CHARACTERISTICS: one lamp only functions in case of emergency.

ASYMMETRICAL OPTICS

GW85032S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II



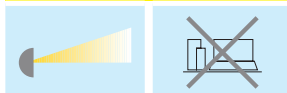
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 85 031 S	70 W	SD	RX7s	1 A	Smoke grey	5.3	1
GW 85 031 M	70 W	MD	RX7s	1 A	Smoke grey	5.3	1
GW 85 032 S	70 W	ST*	E27	1 A	Smoke grey	5.4	1
GW 85 033 S	150 W	SD	RX7s	1.8 A	Smoke grey	6.3	1
GW 85 033 M	150 W	MD	RX7s	1.8 A	Smoke grey	6.3	1
VOLTAGE: 240 V - 50 Hz							
GW 85 036 S	70 W	SD	RX7s	1 A	Smoke grey	5.3	1
GW 85 036 M	70 W	MD	RX7s	1 A	Smoke grey	5.3	1
GW 85 037 S	70 W	ST*	E27	1 A	Smoke grey	5.4	1
GW 85 038 S	150 W	SD	RX7s	1.8 A	Smoke grey	6.3	1
GW 85 038 M	150 W	MD	RX7s	1.8 A	Smoke grey	6.3	1

Lamps without built-in ignitor.

GW85094



NON-WIRED VERSIONS



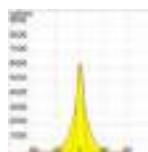
Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 093	150 W	-	RX7s		Smoke grey	4	1
GW 85 094	70 W	-	E27		Smoke grey	4	1

APPLICATIONS: GW85093, device suitable for 70 and 150 W lamps.

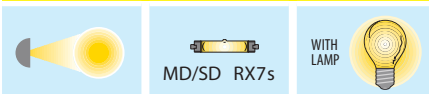
ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. Devices are supplied with standard service items.

CIRCULAR OPTIC

GW85051S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II

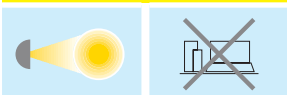


Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 85 051 S	70 W	SD	RX7s	1 A	Smoke grey	5.3	1
GW 85 051 M	70 W	MD	RX7s	1 A	Smoke grey	5.3	1
GW 85 052 S	150 W	SD	RX7s	1.8 A	Smoke grey	6.3	1
GW 85 052 M	150 W	MD	RX7s	1.8 A	Smoke grey	6.3	1
VOLTAGE: 240 V - 50 Hz							
GW 85 056 S	70 W	SD	RX7s	1 A	Smoke grey	5.3	1
GW 85 056 M	70 W	MD	RX7s	1 A	Smoke grey	5.3	1
GW 85 057 S	150 W	SD	RX7s	1.8 A	Smoke grey	6.3	1
GW 85 057 M	150 W	MD	RX7s	1.8 A	Smoke grey	6.3	1

GW85095



NON-WIRED VERSION

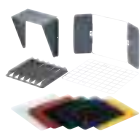


Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 095	150 W	-	RX7s		Smoke grey	4.1	1

APPLICATIONS: GW85093, device suitable for 70 and 150 W lamps.

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. Devices are supplied with standard service items.

COMPLEMENTARY ITEMS



OPTICAL COMPONENTS

Code	Description	Colour	Weight (kg)	Conf. lmb.
GW 85 071	Anti-glare louvre	Smoke grey	1.2	1/5
GW 85 082	Circular anti-glare	Black	0.3	1/5
GW 85 072	Protective wire guard		0.5	1/5
GW 85 073	Barn door shutter	Smoke grey	1	1/5
GW 85 074	Visor	Smoke grey	1.6	1/2
GW 85 075	Diffused glass		1.5	1/2
GW 85 076	Blue filter		1.2	1/2
GW 85 077	Red filter		1.2	1/2
GW 85 078	Green filter		1.2	1/2
GW 85 079	Yellow filter		1.2	1/2

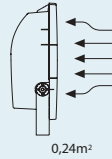
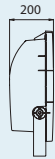
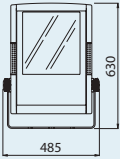
GW88291



SPARE PARTS

Code	Description	Weight (kg)	Conf. lmb.
GW 88 291	Glass	1.4	1

HORUS 3

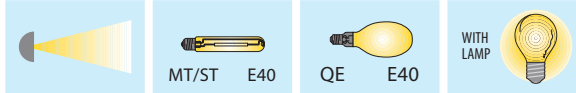


SYMMETRICAL DIFFUSED OPTICS

GW85104M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II



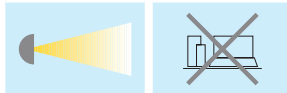
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 85 101 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 101 M	250 W	MT	E40	3 A	Smoke grey	10.5	1
GW 85 102 M	250 W	MT*	E40	2.2 A	Smoke grey	9.7	1
GW 85 103 Q	250 W	QE	E40	2.2 A	Smoke grey	9.6	1
GW 85 104 S	400 W	ST	E40	4.2 A	Smoke grey	11.9	1
GW 85 104 M	400 W	MT	E40	4.2 A	Smoke grey	11.9	1
GW 85 105 M	400 W	MT*	E40	3.4 A	Smoke grey	10.4	1
VOLTAGE: 240 V - 50 Hz							
GW 85 111 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 111 M	250 W	MT	E40	3 A	Smoke grey	10.5	1
GW 85 112 M	250 W	MT*	E40	2.2 A	Smoke grey	9.7	1
GW 85 113 Q	250 W	QE	E40	2.2 A	Smoke grey	9.6	1
GW 85 114 S	400 W	ST	E40	4.2 A	Smoke grey	11.9	1
GW 85 114 M	400 W	MT	E40	4.2 A	Smoke grey	11.9	1
GW 85 115 M	400 W	MT*	E40	3.4 A	Smoke grey	10.4	1

Lamp with striking voltage of 0.7 ÷ 1kV.

GW85191



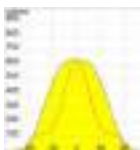
NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 85 191	400 W	-	E40		Smoke grey	7.4	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. Devices are supplied with standard service items.

GW85109F



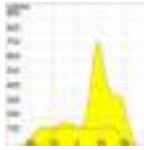
WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II - ELECTRONIC POWER SUPPLY



Code	Lamp power	Lamp supplied	Lamp holder	Temperature of colour	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 109 F	120 W	FSM	2G8	3000 K	Smoke grey	7.7	1
GW 85 110 F	120 W	FSM	2G8	4000 K	Smoke grey	7.7	1

ASYMMETRICAL DIFFUSED OPTICS

GW85133M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II



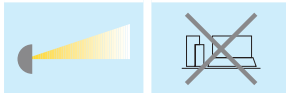
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 85 131 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 131 M	250 W	MT	E40	3 A	Smoke grey	10.5	1
GW 85 132 M	250 W	MT*	E40	2.2 A	Smoke grey	9.7	1
GW 85 133 S	400 W	ST	E40	4.2 A	Smoke grey	11.9	1
GW 85 133 M	400 W	MT	E40	4.2 A	Smoke grey	11.9	1
GW 85 134 M	400 W	MT*	E40	3.4 A	Smoke grey	10.4	1
VOLTAGE: 240 V - 50 Hz							
GW 85 136 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 136 M	250 W	MT	E40	3 A	Smoke grey	10.5	1
GW 85 137 M	250 W	MT*	E40	2.2 A	Smoke grey	9.7	1
GW 85 138 S	400 W	ST	E40	4.2 A	Smoke grey	11.9	1
GW 85 138 M	400 W	MT	E40	4.2 A	Smoke grey	11.9	1
GW 85 139 M	400 W	MT*	E40	3.4 A	Smoke grey	10.4	1

Lamp with striking voltage of 0.7 ÷ 1kV.

GW85192



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 192	400 W	-	E40		Smoke grey	7.4	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. Devices are supplied with standard service items.

GW85149F



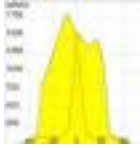
WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II - ELECTRONIC POWER SUPPLY



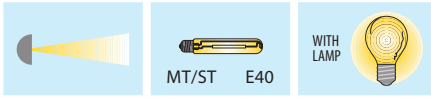
Code	Lamp power	Lamp supplied	Lamp holder	Temperature of colour	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 149 F	120 W	FSM	2G8	3000 K	Smoke grey	7.7	1
GW 85 150 F	120 W	FSM	2G8	4000 K	Smoke grey	7.7	1

SYMMETRICAL RESTRICTED BEAM OPTICS

GW85203M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II



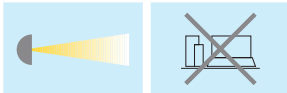
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 85 201 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 201 M	250 W	MT	E40	3 A	Smoke grey	10.5	1
GW 85 202 M	250 W	MT*	E40	2.2 A	Smoke grey	9.7	1
GW 85 203 S	400 W	ST	E40	4.2 A	Smoke grey	11.9	1
GW 85 203 M	400 W	MT	E40	4.2 A	Smoke grey	11.9	1
GW 85 204 M	400 W	MT*	E40	3.4 A	Smoke grey	10.4	1
VOLTAGE: 240 V - 50 Hz							
GW 85 206 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 206 M	250 W	MT	E40	3 A	Smoke grey	10.5	1
GW 85 207 M	250 W	MT*	E40	2.2 A	Smoke grey	9.7	1
GW 85 208 S	400 W	ST	E40	4.2 A	Smoke grey	11.9	1
GW 85 208 M	400 W	MT	E40	4.2 A	Smoke grey	11.9	1
GW 85 209 M	400 W	MT*	E40	3.4 A	Smoke grey	10.4	1

Lamp with striking voltage of 0.7 ÷ 1kV.

GW85291



NON-WIRED VERSION

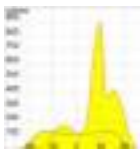


Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 291	400 W	-	E40		Smoke grey	7.4	1

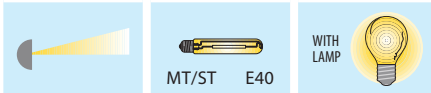
ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. Devices are supplied with standard service items.

ASYMMETRICAL RESTRICTED BEAM OPTICS

GW85223M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II



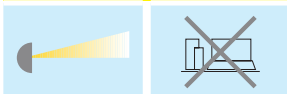
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 85 221 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 221 M	250 W	MT	E40	3 A	Smoke grey	10.5	1
GW 85 222 M	250 W	MT*	E40	2.2 A	Smoke grey	9.7	1
GW 85 223 S	400 W	ST	E40	4.2 A	Smoke grey	11.9	1
GW 85 223 M	400 W	MT	E40	4.2 A	Smoke grey	11.9	1
GW 85 224 M	400 W	MT*	E40	3.4 A	Smoke grey	10.4	1
VOLTAGE: 240 V - 50 Hz							
GW 85 226 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 226 M	250 W	MT	E40	3 A	Smoke grey	10.5	1
GW 85 227 M	250 W	MT*	E40	2.2 A	Smoke grey	9.7	1
GW 85 228 S	400 W	ST	E40	4.2 A	Smoke grey	11.9	1
GW 85 228 M	400 W	MT	E40	4.2 A	Smoke grey	11.9	1
GW 85 229 M	400 W	MT*	E40	3.4 A	Smoke grey	10.4	1

Lamp with striking voltage of 0.7 ÷ 1kV.

GW85292



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 292	400 W	-	E40		Smoke grey	7.4	1

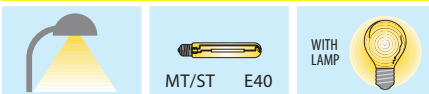
ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. Devices are supplied with standard service items.

STREET OPTICS

GW852425



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 85 241 S	150 W	ST	E40	1.8 A	Smoke grey	9.8	1
GW 85 242 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 242 M	250 W	MT	E40	3 A	Smoke grey	10.5	1
VOLTAGE: 240 V - 50 Hz							
GW 85 246 S	150 W	ST	E40	1.8 A	Smoke grey	9.8	1
GW 85 247 S	250 W	ST	E40	3 A	Smoke grey	10.5	1
GW 85 247 M	250 W	MT	E40	3 A	Smoke grey	10.5	1

GW85293



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 293	250 W	-	E40		Smoke grey	7.4	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. Devices are supplied with standard service items.

COMPLEMENTARY ITEMS



OPTICAL COMPONENTS

Code	Description	Colour	Weight (kg)	Conf. lmb.
GW 85 181	Anti-glare louvre	Smoke grey	2.1	1/5
GW 85 182	Protective wire guard		1.7	1/4
GW 85 184	Visor	Smoke grey	3.6	1/2
GW 85 185	Diffused glass		2.6	1/2

GW88293



SPARE PARTS

Code	Description	Weight (kg)	Conf. lmb.
GW 88 293	Symm/Asymm. optic glass	2.4	1
GW 88 294	Glass for street optics	2.4	1

GENIUS range

Multifunctional floodlights for fixed and portable applications

Multifunctional floodlight for fixed or portable applications.

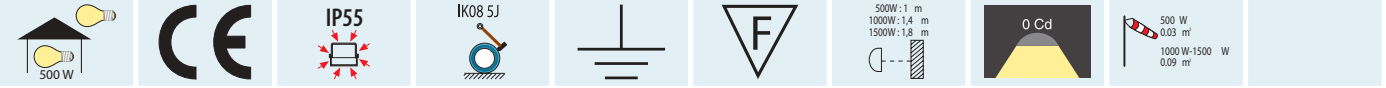
- IP55 protection class.
- Versatility of use thanks to the range of accessories.
- Versions with infrared detector for automatic switching on when people are present.



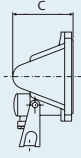
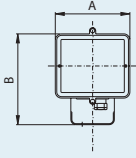
GENIUS RANGE

MULTIFUNCTION FLOODLIGHTS FOR FIXED OR PORTABLE APPLICATIONS

GENIUS RANGE



GENIUS



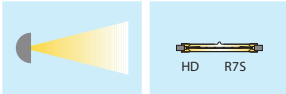
GENIUS			
LAMP POWER	A	B	C
500W	180	210	120
1000/1500W	355	310	150

FIXED USES

GW84201



FLOODLIGHTS - IP55 - CLASS I



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 84 201	500 W	HD	R7s	2.1 A	Graphite grey	1,2	1/12
GW 84 215	500 W	HD	R7s	2.1 A	White	1,2	1/12
GW 84 202	1000 W	HD	R7s	4.3 A	Graphite grey	3	1
GW 84 216	1000 W	HD	R7s	4.3 A	White	3	1
GW 84 203	1500 W	HD	R7s	6.5 A	Graphite grey	3	1
GW 84 217	1500 W	HD	R7s	6.5 A	White	3	1

CHARACTERISTICS: GW84201 - GW84215 also suitable for 150W - 200W - 300W lamps.
GW84216 - GW84202 also suitable for 750W lamps.

GW84218



FLOODLIGHTS WITH INFRARED DETECTOR - IP54 - CLASS I



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 84 218	500 W	HD	R7s	2.1 A	Graphite grey	1,3	1/6
GW 84 219	500 W	HD	R7s	2.1 A	White	1,3	1/6

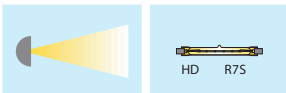
CHARACTERISTICS: also suitable for 150W - 200W - 300W lamps.
ACCESSORIES SUPPLIED: adjustable movement detector (50° vertically - 160° horizontally - operating range 12m) with adjustment of switch-on time (from 10 to 300 seconds) and of intervention sensitivity (from 5 to 50 lux).

MOBILE USES

GW84204



FLOODLIGHTS ON TUBULAR SUPPORT - IP55 - CLASS I



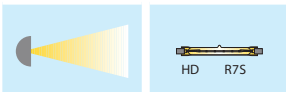
Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 84 204	500 W	HD	R7s	2.1 A	Graphite grey	2,8	1
GW 84 205	1000 W	HD	R7s	4.3 A	Graphite grey	4,8	1

CHARACTERISTICS: protective wire guard and cable type H07RN-F section 3x1.5mm², length 5m with plug IEC 309 16A 2P+T 200-250V - IP67.
GW84204: also suitable for 150W - 200W - 300W lamps; GW84205: also suitable for 750W lamps.

GW84220



FLOODLIGHTS ON ADJUSTABLE TELESCOPIC SUPPORT (MIN 1M - MAX 2M) - IP55 - CLASS I



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 84 220	500 W	HD	R7s	2.1 A	Graphite grey	4,6	1

CHARACTERISTICS: protective wire guard and cable type H07RN-F section 3x1.5mm², length 5m with plug IEC 309 16A 2P+T 200-250V - IP67.
Also suitable for 150 W - 200 W - 300 W lamps.

COMPLEMENTARY ITEMS



COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Suitable for	Dimensions (mm)	Colour	Weight (kg)	Conf. lmb.
GW 84 213	Protective wire guard	500W	180x150		0.1	1/5
GW 84 214	Protective wire guard	1000/1500 W	350x220		0.2	1/5
GW 84 221	Barn door shutter	500W	300x340	Graphite grey	0.4	1/5
GW 84 222	Anti-glare louvre	1000/1500W	340x215	Graphite grey	0.6	1/5
GW 84 223	Spike	500W	255x30		0.1	1/5

GW88202



SPARE PARTS

Code	Description	Suitable for	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 88 202	Glass	500W	150x180	0.3	1/5
GW 88 223	Glass	1000W	350x220	0.9	1/5
GW 88 203	Glass	1500W	350x220	0.9	1/5

MERCURIO range

Low and medium power aluminium floodlights

Floodlights with symmetrical, asymmetrical, circular and street optics for discharge and fluorescent lamps.

- IP66 protection class.
- Front opening of the rotating glass, with holding.
- Immediate access to the lamp and component compartment.
- High resistance to thermal shocks and accidental impacts.



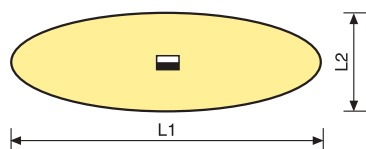
MERCURIO RANGE

LOW AND MEDIUM POWER ALUMINIUM FLOODLIGHTS

MERCURIO RANGE

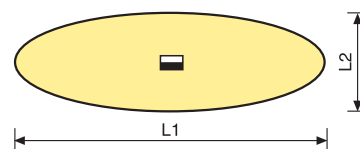
MERCURIO 1

70W MD SYMMETRICAL OPTIC



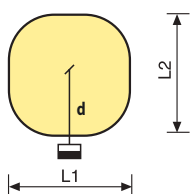
H	L1	L2	E _{max}	E _{ave}	U _o
3	4	2	365	259	0,71
5	6	3	134	103	0,76
10	13	6	34	24	0,65

150W MD SYMMETRICAL OPTIC



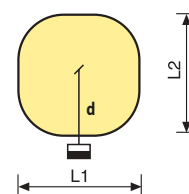
H	L1	L2	E _{max}	E _{ave}	U _o
3	4	2	709	513	0,74
5	6	3	260	195	0,72
10	14	7	65	45	0,64

70W MD ASYMMETRICAL OPTIC



H	L1	L2	d	E _{max}	E _{ave}	U _o
3	4	3	1,5	264	169	0,65
5	7	5,5	2	100	60	0,63
10	14	10	3,5	25	15	0,62

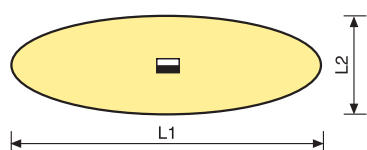
150W MD ASYMMETRICAL OPTIC



H	L1	L2	d	E _{max}	E _{ave}	U _o
3	4	3	1,5	532	340	0,64
5	7	5,5	2	199	121	0,62
10	14	10	3,5	50	31	0,63

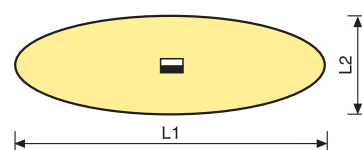
MERCURIO 2

250W MT SYMMETRICAL OPTIC



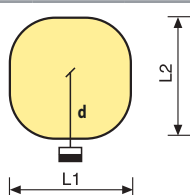
H	L1	L2	Emax	Eave	Uo
5	7	2	473	335	0,64
10	14	4	118	82	0,62
15	20	6	53	37	0,62

400W MT SYMMETRICAL OPTIC



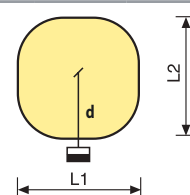
H	L1	L2	Emax	Eave	Uo
5	7	2	761	564	0,65
10	14	4	190	140	0,62
15	22	7	85	59	0,61

250W MT ASYMMETRICAL OPTIC



H	L1	L2	d	Emax	Eave	Uo
5	7	7,5	0	142	99	0,65
10	15	16,5	0	36	24	0,64
15	23	26	0	16	10	0,62

400W MT ASYMMETRICAL OPTIC



H	L1	L2	d	Emax	Eave	Uo
5	8	8,5	0	232	164	0,64
10	17	18,5	0	58	39	0,61
15	26	28,5	0	26	17	0,61

MERCURIO RANGE

LOW AND MEDIUM POWER ALUMINIUM FLOODLIGHTS

MERCURIO RANGE



MERCURIO 1



SYMMETRICAL OPTICS



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 84 011 S	70 W	SD	RX7s	1 A	Graphite grey	5.6	1
GW 84 011 M	70 W	MD	RX7s	1 A	Graphite grey	5.6	1
GW 84 012 S	70 W	ST*	E27	1 A	Graphite grey	5.7	1
GW 84 013 M	100 W	ME	E27	1.1 A	Graphite grey	5.8	1
GW 84 014 S	150 W	SD	RX7s	1.8 A	Graphite grey	6.8	1
GW 84 014 M	150 W	MD	RX7s	1.8 A	Graphite grey	6.8	1
GW 84 015 S	70 W	SD	RX7s	1 A	Aluminium	5.6	1
GW 84 015 M	70 W	MD	RX7s	1 A	Aluminium	5.6	1
GW 84 016 S	70 W	ST*	E27	1 A	Aluminium	5.7	1
GW 84 017 M	100 W	ME	E27	1.1 A	Aluminium	5.8	1
GW 84 018 S	150 W	SD	RX7s	1.8 A	Aluminium	6.8	1
GW 84 018 M	150 W	MD	RX7s	1.8 A	Aluminium	6.8	1

Lamp without built-in ignitor.



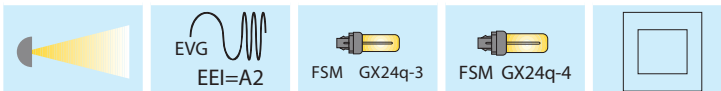
NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 081	150 W	-	RX7s		Graphite grey	4.2	1
GW 84 082	100 W	-	E27		Graphite grey	4.2	1
GW 84 083	150 W	-	RX7s		Aluminium	4.2	1
GW 84 084	100 W	-	E27		Aluminium	4.2	1



WIRED VERSIONS WITH P.F. CORRECTION - IP66 - CLASS II - ELECTRONIC POWER SUPPLY



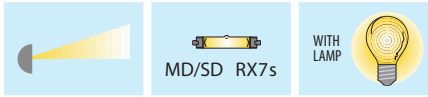
Code	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz						
GW 84 021	2 x 26/32/42 W		FSM GX24q-3 / GX24q-4	Graphite grey	4.5	1
GW 84 026	2 x 26/32/42 W		FSM GX24q-3 / GX24q-4	Aluminium	4.5	1

ASYMMETRICAL OPTICS

GW84032M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I

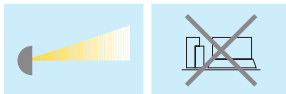


Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 84 031 S	70 W	SD	RX7s	1 A	Graphite grey	5.6	1
GW 84 031 M	70 W	MD	RX7s	1 A	Graphite grey	5.6	1
GW 84 032 S	150 W	SD	RX7s	1.8 A	Graphite grey	6.8	1
GW 84 032 M	150 W	MD	RX7s	1.8 A	Graphite grey	6.8	1
GW 84 033 S	70 W	SD	RX7s	1 A	Aluminium	5.6	1
GW 84 033 M	70 W	MD	RX7s	1 A	Aluminium	5.6	1
GW 84 034 S	150 W	SD	RX7s	1.8 A	Aluminium	6.8	1
GW 84 034 M	150 W	MD	RX7s	1.8 A	Aluminium	6.8	1

GW84085



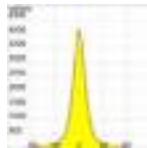
NON-WIRED VERSIONS



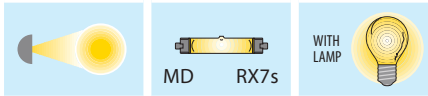
Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 84 085	150 W	-	RX7s		Graphite grey	4.2	1
GW 84 086	150 W	-	RX7s		Aluminium	4.2	1

CIRCULAR OPTICS

GW84042M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I

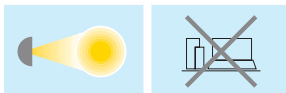


Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 84 041 M	70 W	MD	RX7s	1 A	Graphite grey	5.6	1
GW 84 042 M	150 W	MD	RX7s	1.8 A	Graphite grey	6.8	1
GW 84 043 M	70 W	MD	RX7s	1 A	Aluminium	5.6	1
GW 84 044 M	150 W	MD	RX7s	1.8 A	Aluminium	6.8	1

GW84087



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 84 087	150 W	-	RX7s		Graphite grey	4.2	1
GW 84 088	150 W	-	RX7s		Aluminium	4.2	1

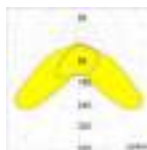
MERCURIO RANGE

LOW AND MEDIUM POWER ALUMINIUM FLOODLIGHTS

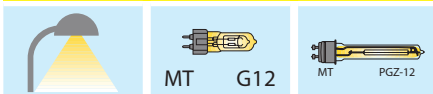
MERCURIO RANGE

STREET OPTICS

GW84053



WIRED VERSIONS WITH P.F. CORRECTION - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 84 051	35 W	MT	G12	0.5 A	Graphite grey	4.9	1
GW 84 052	70 W	MT	G12	1 A	Graphite grey	5.6	1
GW 84 053	150 W	MT	G12	1.8 A	Graphite grey	6.8	1
GW 84 054	35 W	MT	G12	0.5 A	Aluminium	4.9	1
GW 84 055	70 W	MT	G12	1 A	Aluminium	5.6	1
GW 84 056	150 W	MT	G12	1.8 A	Aluminium	6.8	1
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 84 059	90 W	MT	PGZ-12	0.97 A	Graphite grey	5	1

GW84057S



WIRED VERSIONS WITH P.F. CORRECTION, COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 84 057 S	70 W	ST*	E27	1 A	Graphite grey	5.7	1

Lamp without built-in ignitor.

GW84089



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 84 089	150 W	-	G12		Graphite grey	4.2	1
GW 84 090	150 W	-	G12		Aluminium	4.2	1
GW 84 091	70 W	-	E27		Graphite grey	4.2	1

POLES

GW84096



STEEL, TAPERED CONICAL POLES

Code	Material	Length (m)	Planting recommended	Colour	Weight (kg)	Conf. lmb.
GW 84 096	Hot galvanised steel	5,5	500 mm	Graphite grey	45	1
GW 84 097	Hot galvanised steel	7,8	800 mm	Graphite grey	54	1

NOTE: poles complete with junction terminal block.

BRACKETS

GW84080



POLE HEAD BRACKETS Ø60

Code	Description	Colour	Weight (kg)	Conf. lmb.
GW 84 079	Single pole head bracket	Graphite grey	3.1	1
GW 84 080	Double pole head bracket	Graphite grey	5.8	1

GW84077



BRACKETS

Code	Description	Colour	Weight (kg)	Conf. lmb.
GW 84 077	Bracket for pole/wall	Graphite grey	4.2	1

TECHNICAL COMPONENTS



OPTICAL COMPONENTS

Code	Description	Colour	Conf. lmb.
GW 84 072	Visor	Smoke grey	1/2
GW 84 073	Rectangular anti-glare	Smoke grey	1/5
GW 85 082	Circular anti-glare	Black	1/5
GW 84 075	Protective wire guard	Smoke grey	1/5
GW 84 076	Barn door shutter	Smoke grey	1/5

GW84071



SPARE PARTS

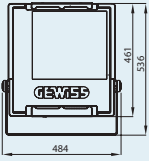
Code	Description	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 84 071	Spare glass	239x360	1.1	1
GW 84 078	Glass for street optic	239x360	1.1	1

MERCURIO RANGE

LOW AND MEDIUM POWER ALUMINIUM FLOODLIGHTS

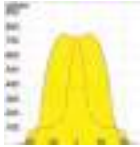
MERCURIO RANGE

MERCURIO 2



SYMMETRICAL OPTIC

GW85403S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 85 401 M	250 W	MT	E40	3 A	Graphite grey	9.8	1
GW 85 401 S	250 W	ST	E40	3 A	Graphite grey	9.8	1
GW 85 402 M	250 W	MT*	E40	2.2 A	Graphite grey	9.8	1
GW 85 403 M	400 W	MT	E40	4.2 A	Graphite grey	11.7	1
GW 85 403 S	400 W	ST	E40	4.2 A	Graphite grey	11.7	1
GW 85 404 M	400 W	MT*	E40	3.4 A	Graphite grey	9.5	1

Lamp with striking voltage 0.7 - 1kV

GW85410F



WIRED VERSIONS WITH P.F. CORRECTION, COMPLETE WITH LAMP - IP66 - CLASS I - ELECTRONIC POWER SUPPLY

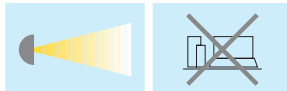


Code	Lamp power	Lamp supplied	Lamp holder	Temperature of colour	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 410 F	120 W	FSM	2G8	3000 K	Graphite grey	6.8	1
GW 85 411 F	120 W	FSM	2G8	4000 K	Graphite grey	6.8	1

GW85491



NON-WIRED VERSIONS



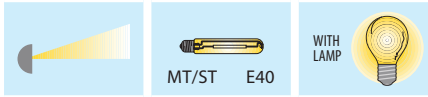
Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 85 491	400 W	-	E40		Graphite grey		1

ASYMMETRICAL OPTIC

GW85423S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



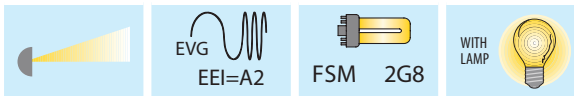
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 85 421 M	250 W	MT	E40	3 A	Graphite grey	9.8	1
GW 85 421 S	250 W	ST	E40	3 A	Graphite grey	9.8	1
GW 85 422 M	250 W	MT*	E40	2.2 A	Graphite grey	9.8	1
GW 85 423 M	400 W	MT	E40	4.2 A	Graphite grey	11.7	1
GW 85 423 S	400 W	ST	E40	4.2 A	Graphite grey	11.7	1
GW 85 424 M	400 W	MT*	E40	3.4 A	Graphite grey	9.5	1

Lamp with striking voltage 0.7 - 1kV

GW85431F



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I - ELECTRONIC POWER SUPPLY

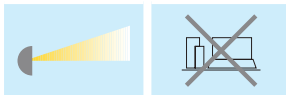


Code	Lamp power	Lamp supplied	Lamp holder	Temperature of colour	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 431 F	120 W	FSM	2G8	3000 K	Graphite grey	7	1
GW 85 432 F	120 W	FSM	2G8	4000 K	Graphite grey	7	1

GW85492



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 85 492	400 W	-	E40		Graphite grey		1

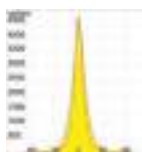
MERCURIO RANGE

LOW AND MEDIUM POWER ALUMINIUM FLOODLIGHTS

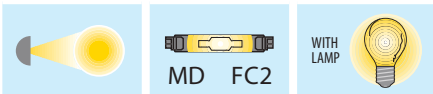
MERCURIO RANGE

CIRCULAR OPTIC

GW85442M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I

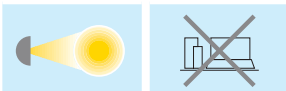


Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 85 441 M	250 W	MD	FC2	3 A	Graphite grey	9.8	1
GW 85 442 M	400 W	MD	FC2	4.1 A	Graphite grey	11.5	1

GW85493



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 85 493	400 W	-	FC2		Graphite grey		1

STREET OPTICS

GW85452M



WIRED VERSIONS WITH P.F. CORRECTION - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 85 451 M	150 W	MT	E40	3 A	Graphite grey	8.7	1
GW 85 452 M	250 W	MT	E40	3 A	Graphite grey	10	1
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 453	140 W	MT	PGZ-12	1.49 A	Graphite grey	10	1

NOTE: GW85452M - use 250W MT lamps with a maximum length of 225mm. GW85451M and GW85452M - lamp included.

GW85494



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 85 494	250 W	-	E40		Graphite grey		1

SYMMETRICAL OPTIC - VERSION FOR HOT-RE STRIKE

GW85463M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 85 463 M	250 W	MD	FC2	3 A	Graphite grey	8.4	1
GW 85 464 M	400 W	MD	FC2	4.2 A	Graphite grey	8.4	1

NOTES: to be used with the relative supply unit. Versions with hot re-ignition wiring available upon request.

TECHNICAL COMPONENTS

GW85481



COMPLEMENTARY COMPONENTS

Code	Description	Colour	Weight (kg)	Conf. lmb.
GW 85 481	Rectangular anti-glare	Smoke grey	0.5	1/5
GW 85 482	Protective wire guard		0.2	1/5

GW85483



SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 85 483	Tempered glass for symmetric / asymmetric optics	400x420	2.5	1/4
GW 85 484	Tempered glass for circular optics	400x420	2.5	1/4
GW 85 485	Tempered glass for street optics	400x420	2.5	1/4

URANO range

Compact asymmetrical floodlights for internal and external use

Compact floodlight in die-cast aluminium with asymmetrical optics for double ended discharge lamps.

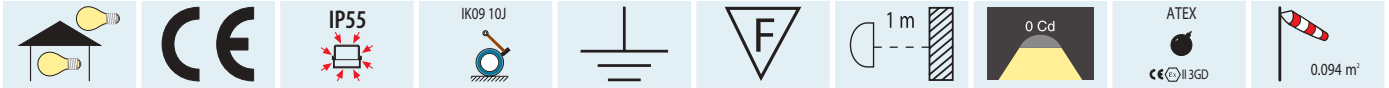
- IP55 protection class.
- Front opening of the rotating frame with holding.
- Immediate access to the lamp and component compartment.
- High resistance to thermal shocks and accidental impacts.
- ATEX versions available.



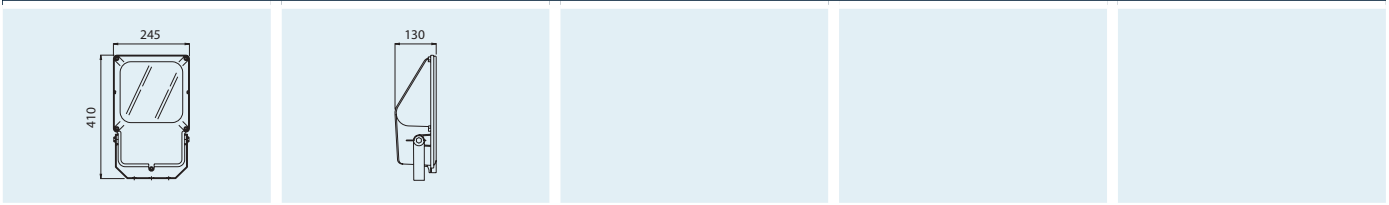
URANO RANGE

COMPACT ASYMMETRICAL FLOODLIGHTS FOR INTERNAL AND EXTERNAL USE

URANO RANGE



STANDARD VERSION

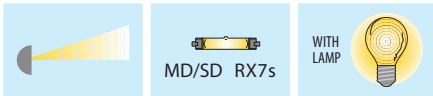


ASYMMETRICAL OPTIC

GW842065



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP55 - CLASS I

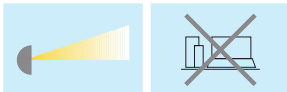


Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 84 206 S	70 W	SD	RX7s	1 A	Graphite grey	5	1
GW 84 206 M	70 W	MD	RX7s	1 A	Graphite grey	5	1
GW 84 226 S	70 W	SD	RX7s	1 A	White	5	1
GW 84 226 M	70 W	MD	RX7s	1 A	White	5	1
GW 84 131 S	70 W	SD	RX7s	1 A	Aluminium	5	1
GW 84 131 M	70 W	MD	RX7s	1 A	Aluminium	5	1
GW 84 207 S	150 W	SD	RX7s	1.8 A	Graphite grey	6	1
GW 84 207 M	150 W	MD	RX7s	1.8 A	Graphite grey	6	1
GW 84 227 S	150 W	SD	RX7s	1.8 A	White	6	1
GW 84 227 M	150 W	MD	RX7s	1.8 A	White	6	1
GW 84 132 S	150 W	SD	RX7s	1.8 A	Aluminium	6	1
GW 84 132 M	150 W	MD	RX7s	1.8 A	Aluminium	6	1

GW84251



NON-WIRED VERSIONS

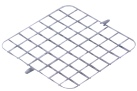


Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 84 251	150 W	-	RX7s		Graphite grey	3.6	1
GW 84 252	150 W	-	RX7s		White	3.6	1
GW 84 253	150 W	-	RX7s		Aluminium	3.6	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. Devices are supplied with standard accessories.

COMPLEMENTARY ITEMS

GW84224



COMPLEMENTARY ITEMS FOR PORTABLE INSTALLATION

Code	Description	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 84 224	Protective wire guard	205x205	0.1	5

GW88204



SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 88 204	Glass	219x219	0.5	1/5

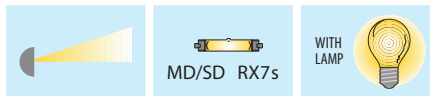
URANO ATEX - ZONE 2 (G) - ZONE 22 (D)

DIFFUSED OPTICS

GW84133S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP55 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 84 133 S	70 W	SD	RX7s	1 A	Graphite grey	5	1
GW 84 133 M	70 W	MD	RX7s	1 A	Graphite grey	5	1
GW 84 134 S	150 W	SD	RX7s	1.8 A	Graphite grey	6	1
GW 84 134 M	150 W	MD	RX7s	1.8 A	Graphite grey	6	1

ATEX VERSIONS CLASSIFICATION:

Version 70W: II 3GD Ex nA 490°C - tD A22 IP55 T108°C -20°C < Ta < +25°C - 230V 50Hz

Version 150W: II 3GD Ex nA 600°C - tD A22 IP55 T165°C -20°C < Ta < +25°C - 230V 50Hz.

URANO RANGE

TITANO range

Symmetrical and asymmetrical medium-power floodlights

Symmetrical and asymmetrical medium-power floodlight.

- IP66 protection class.
- Easy wiring and maintenance, without aiming variation.
- Independent opening of the optic compartment and the electrical accessory compartment.
- Fully removable electrical accessory plate.
- Front opening through stainless steel clips.
- ATEX versions available.

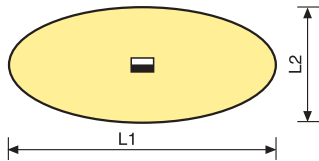
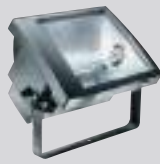


TITANO RANGE

SYMMETRICAL AND ASYMMETRICAL MEDIUM-POWER FLOODLIGHTS

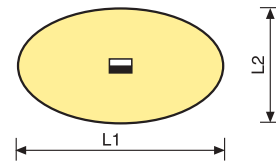
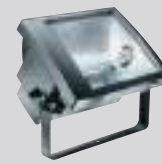
TITANO RANGE

250W MT DIFFUSED SYMMETRICAL OPTICS



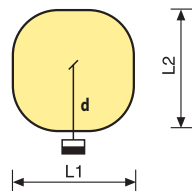
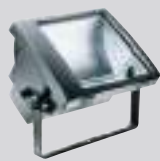
installation height	L1xL2	E max	E med.	UNIFORMITY
8m	10x4	165	111	0.65
10m	12.5x5	107	67	0.63
12m	15x7	74	48	0.64

400W MT DIFFUSED SYMMETRICAL OPTICS



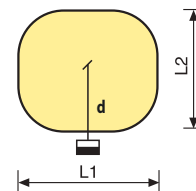
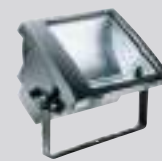
installation height	L1xL2	E max	E med.	UNIFORMITY
8m	10x5	255	171	0.67
10m	13x7	165	103	0.63
12m	15x8	115	74	0.65

250W MT DIFFUSED ASYMMETRICAL OPTICS



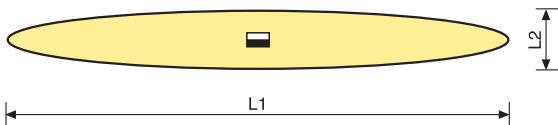
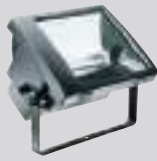
installation height	L1xL2	d	E max	E med.	UNIFORMITY
8m	11.5x11.5	5m	80	52	0.61
10m	15x14	5.5m	50	32	0.61
12m	17x17	6m	36	22	0.61

400W MT DIFFUSED ASYMMETRICAL OPTICS



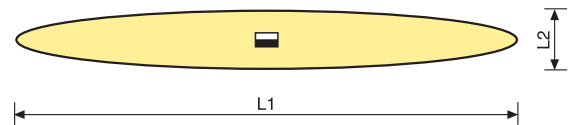
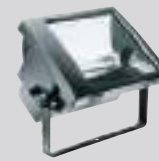
installation height	L1xL2	d	E max	E med.	UNIFORMITY
8m	10x8	4.5m	136	97	0.72
10m	14x13	5.5m	88	55	0.62
12m	17x14	6m	61	39	0.63

250W MT RESTRICTED BEAM SYMMETRICAL OPTICS



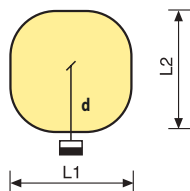
installation height	L1xL2	E max	E med.	UNIFORMITY
8m	11x1	421	321	0.79
10m	14x1.5	294	176	0.6
12m	16.5x2	216	138	0.64

400W MT RESTRICTED BEAM SYMMETRICAL OPTICS



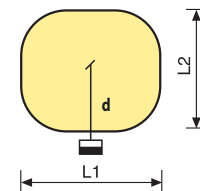
installation height	L1xL2	E max	E med.	UNIFORMITY
8m	11x1	617	365	0.59
10m	14x1.5	423	265	0.63
12m	16.5x2	310	201	0.65

250W MT RESTRICTED BEAM ASYMMETRICAL OPTICS



installation height	L1xL2	d	E max	E med.	UNIFORMITY
8m	12x12	4m	84	47	0.56
10m	15x13	4.5m	53	32	0.6
12m	17x16	5m	38	23	0.61

400W MT RESTRICTED BEAM ASYMMETRICAL OPTIC



installation height	L1xL2	d	E max	E med.	UNIFORMITY
8m	13x11	4.5m	133	78	0.58
10m	16x13	5m	88	50	0.57
12m	19x15.5	5.5m	61	36	0.59

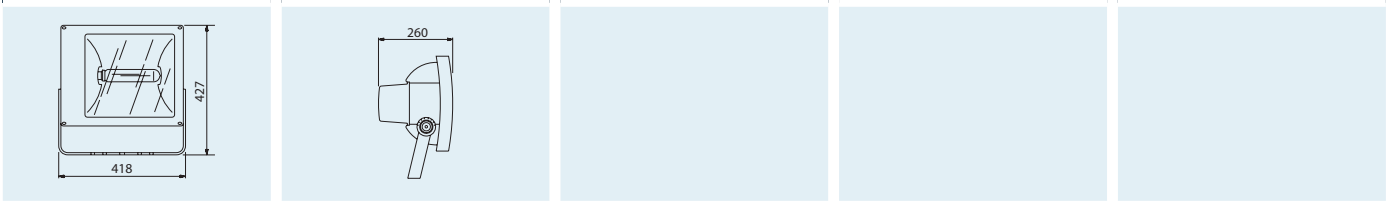
TITANO RANGE

SYMMETRICAL AND ASYMMETRICAL MEDIUM-POWER FLOODLIGHTS

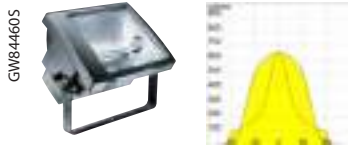
TITANO RANGE



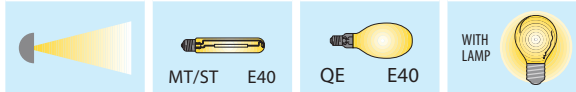
STANDARD VERSION



SYMMETRICAL DIFFUSED OPTICS

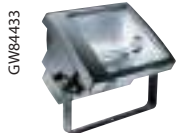


WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 84 460 S	150 W	ST	E40	1.8 A	Graphite grey	10.1	1
GW 84 461 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 461 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 465 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 462 Q	250 W	QE	E40	2.2 A	Graphite grey	9.9	1
GW 84 464 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 464 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 466 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1
VOLTAGE: 240 V - 50 Hz							
GW 84 470 S	150 W	ST	E40	1.8 A	Graphite grey	10.1	1
GW 84 471 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 471 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 475 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 472 Q	250 W	QE	E40	2.2 A	Graphite grey	9.9	1
GW 84 474 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 474 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 476 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1
VOLTAGE: 220 V - 60 Hz							
GW 84 480 S	150 W	ST	E40	1.8 A	Graphite grey	10.1	1
GW 84 481 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 481 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 485 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 482 Q	250 W	QE	E40	2.2 A	Graphite grey	9.9	1
GW 84 484 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 484 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 486 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1

Lamp with striking voltage of 0.7 ÷ 1kV.



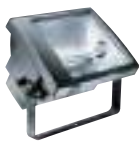
NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 433	400 W	-	E40		Graphite grey	7.7	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. The device is supplied with standard service items.

GW84467



WIRED VERSIONS - IP66 - CLASS I

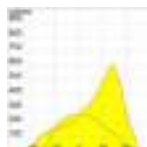


Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 467	600 W	ST	E40	6.2 A	Graphite grey	9	1
GW 84 468	1000 W	MT	E40	9.5 A	Graphite grey	9	1

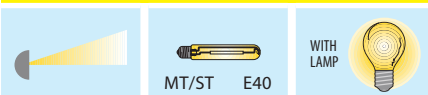
NOTES: to be used with the relative supply unit.
GW84468: use 1000W MT lamps with a maximum length of 345mm.

ASYMMETRICAL DIFFUSED OPTICS

GW84491 S



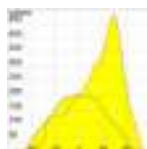
WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 84 491 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 491 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 495 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 494 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 494 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 496 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1
VOLTAGE: 240 V - 50 Hz							
GW 84 501 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 501 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 505 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 504 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 504 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 506 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1
VOLTAGE: 220 V - 60 Hz							
GW 84 511 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 511 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 515 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 514 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 514 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 516 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1

Lamp with striking voltage of 0.7 ÷ 1kV.

GW84497



WIRED VERSIONS - IP66 - CLASS I



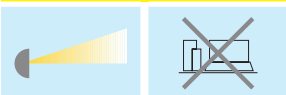
Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 497	600 W	ST	E40	6.2 A	Graphite grey	9	1

NOTES: to be used with the relative supply unit.

GW84434



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 434	400 W	-	E40		Graphite grey	7.7	1

ACCESSORIES SUPPLIED: structural components: reflector; accessory-holding plate. Electrical components: lampholder with cables, supply terminal.
The device is supplied with standard service items.

TITANO RANGE

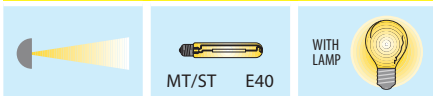
SYMMETRICAL AND ASYMMETRICAL MEDIUM-POWER FLOODLIGHTS

TITANO RANGE

GW845205



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



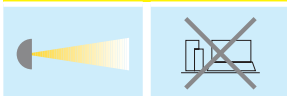
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 84 520 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 520 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 521 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 522 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 522 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 523 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1
VOLTAGE: 240 V - 50 Hz							
GW 84 530 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 530 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 531 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 532 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 532 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 533 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1
VOLTAGE: 220 V - 60 Hz							
GW 84 540 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 540 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 541 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 542 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 542 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 543 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1

Lamp with striking voltage of 0.7 ÷ 1kV.

GW84435



NON-WIRED VERSION

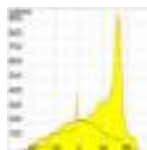


Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 84 435	400 W	-	E40		Graphite grey	7.7	1

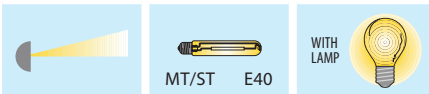
ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal.
The device is supplied with standard service items.

ASYMMETRICAL RESTRICTED BEAM OPTICS

GW845515



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



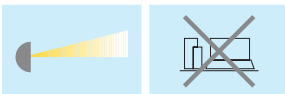
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 84 551 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 551 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 552 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 553 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 553 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 554 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1
VOLTAGE: 240 V - 50 Hz							
GW 84 561 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 561 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 562 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 563 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 563 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 564 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1
VOLTAGE: 220 V - 60 Hz							
GW 84 571 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 571 M	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 572 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 573 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 573 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 574 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1

Lamp with striking voltage of 0.7 ÷ 1kV.

GW84436



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 436	400 W	-	E40		Graphite grey	7.7	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal.
The device is supplied with standard service items.

TITANO RANGE

SYMMETRICAL AND ASYMMETRICAL MEDIUM-POWER FLOODLIGHTS

TITANO RANGE

COMPLEMENTARY ITEMS



OPTICAL COMPONENTS

Code	Description	Colour	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 84 407	Protective wire guard		310x270	0.2	1/5
GW 84 408	Anti-glare louvre	Graphite grey	300x270	0.9	1/5

GW84611



SUPPLY UNIT - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Conf. Imb.
GW 84 611	600 W	ST	6.2 A	230 V - 50 Hz	10.6	1
GW 84 612	600 W	ST	6.2 A	240 V - 50 Hz	10.6	1
GW 84 613	600 W	ST	6.2 A	220 V - 60 Hz	10.6	1
GW 84 616	1000 W	MT/MN/ST	9.5 - 10.3 A	230 V - 50 Hz	13.7	1
GW 84 617	1000 W	MT/MN/ST	9.5 - 10.3 A	240 V - 50 Hz	13.7	1
GW 84 618	1000 W	MT/MN/ST	9.5 - 10.3 A	220 V - 60 Hz	13.7	1

GW84637



SUPPLY UNIT - IP20 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Conf. Imb.
GW 84 636	600 W	ST	6.2 A	230 V - 50 Hz	8.4	1
GW 84 637	1000 W	MT/MN/ST	9.5 - 10.3 A	230 V - 50 Hz	11.5	1

GW88284



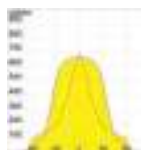
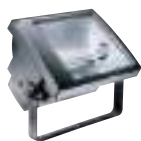
SPARE PARTS

Code	Description	Type	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 88 284	Transparent tempered glass	For frame with slots or hooks	390x307x5	1.4	1/5
GW 88 260	Transparent tempered glass	For frame Without slots	390x301x5	1.4	1/5

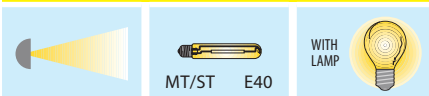
TITANO ATEX - ZONE 2 (G) - ZONE 22 (D)

SYMMETRICAL DIFFUSED OPTICS

GW84581S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 84 581 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 581 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 582 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 583 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 583 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 584 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1

Lamp with striking voltage of 0.7 ÷ 1kV.

ATEX VERSIONS CLASSIFICATION:

Version 250W 1kV: II 3GD Ex nA 520°C - tD A22 IP66 T210°C -20°C < Ta < +25°C - 230V 50Hz

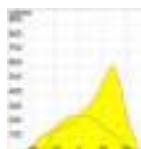
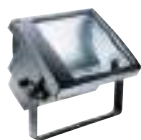
Version 250W 4kV: II 3GD Ex nA T1 - tD A22 IP66 T200°C -20°C < Ta < +25°C - 230V 50Hz

Version 400W 1kV: II 3GD Ex nA 520°C - tD A22 IP66 T210°C -20°C < Ta < +25°C - 230V 50Hz

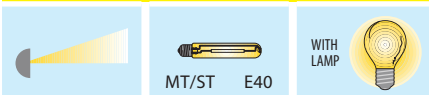
Version 400W 4kV: II 3GD Ex nA 495°C - tD A22 IP66 T200°C -20°C < Ta < +25°C - 230V 50Hz

ASYMMETRICAL DIFFUSED OPTICS

GW84591S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP66 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 84 591 S	250 W	ST	E40	3 A	Graphite grey	10.8	1
GW 84 591 M	250 W	MT	E40	3 A	Graphite grey	10.8	1
GW 84 592 M	250 W	MT*	E40	2.2 A	Graphite grey	10	1
GW 84 593 S	400 W	ST	E40	4.2 A	Graphite grey	12.2	1
GW 84 593 M	400 W	MT	E40	4.2 A	Graphite grey	12.2	1
GW 84 594 M	400 W	MT*	E40	3.4 A	Graphite grey	10.7	1

Lamp with striking voltage of 0.7 ÷ 1kV.

ATEX VERSIONS CLASSIFICATION:

Version 250W 1kV: II 3GD Ex nA 520°C - tD A22 IP66 T210°C -20°C < Ta < +25°C - 230V 50Hz

Version 250W 4kV: II 3GD Ex nA T1 - tD A22 IP66 T200°C -20°C < Ta < +25°C - 230V 50Hz

Version 400W 1kV: II 3GD Ex nA 520°C - tD A22 IP66 T210°C -20°C < Ta < +25°C - 230V 50Hz

Version 400W 4kV: II 3GD Ex nA 495°C - tD A22 IP66 T200°C -20°C < Ta < +25°C - 230V 50Hz

COLOSSEUM range

Floodlights for large-scale systems

Die-cast aluminium floodlight for discharge lamps of 2000 W maximum power.

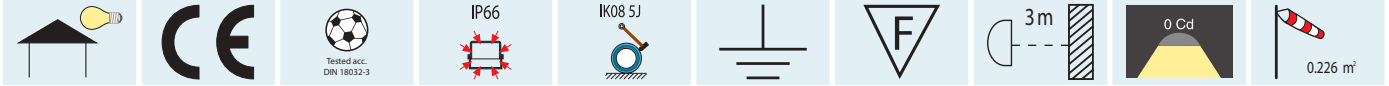
- 7 different optics.
- IP66 protection class.
- Vent device to compensate for the internal pressure and avoid the occurrence of condensation.
- Light-protection visor to reduce light emissions.
- Hot-Restrike versions available.



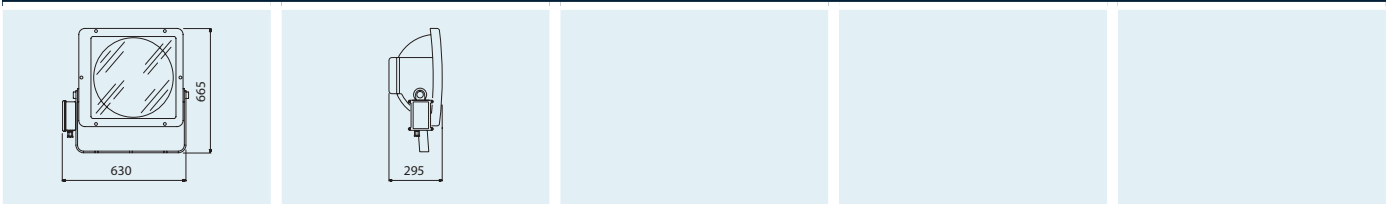
COLOSSEUM RANGE

FLOODLIGHTS FOR LARGE-SCALE SYSTEMS

COLOSSEUM RANGE

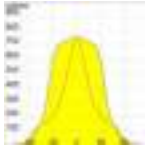


CONVENTIONAL WIRING

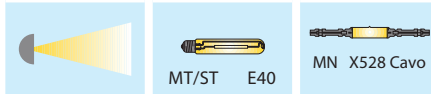


SYMMETRICAL DIFFUSED OPTICS

GW84647



WIRED VERSIONS - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 646	600 W	ST	E40	6.2 A	Graphite grey	16	1
GW 84 647	1000 W	MT/ST	E40	9.5 - 10.3 A	Graphite grey	16	1
GW 84 648	1000 W	MT*	E40	8.25 A	Graphite grey	15.7	1
GW 84 649	1000 W	MN	X528/CABLE	9.5 A	Graphite grey	16.4	1
GW 84 644	2000 W	MN	X528/CABLE	10.3 A	Graphite grey	16.4	1

Lamp with striking voltage of 0.7 ÷ 1kV.

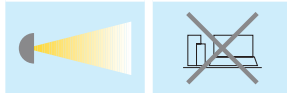
ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit.

GW84693



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 693	1000 W	-	E40		Graphite grey	15.6	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical items: lampholder with cables, supply terminal.

Devices are supplied with standard service items.

ASYMMETRICAL DIFFUSED OPTICS

GW84659



WIRED VERSIONS - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 658	600 W	ST	E40	6.2 A	Graphite grey	16	1
GW 84 659	1000 W	MT/ST	E40	9.5 - 10.3 A	Graphite grey	16	1
GW 84 660	1000 W	MT*	E40	8.25 A	Graphite grey	15.7	1

Lamp with striking voltage of 0.7 ÷ 1kV.

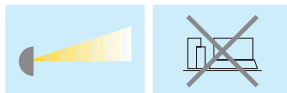
ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit.

GW84694



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 694	1000 W	-	E40		Graphite grey	15.6	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal.

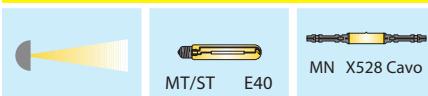
The device is supplied with standard service items.

SYMMETRICAL RESTRICTED BEAM OPTICS

GW84747



WIRED VERSIONS - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 84 747	1000 W	MT/ST	E40	9.5 - 10.3 A	Graphite grey	16	1
GW 84 748	1000 W	MT*	E40	8.25 A	Graphite grey	15.7	1
GW 84 749	1000 W	MN	X528/CABLE	9.5 A	Graphite grey	16.4	1
GW 84 744	2000 W	MN	X528/CABLE	10.3 A	Graphite grey	16.4	1

Lamp with striking voltage of 0.7 ÷ 1kV.

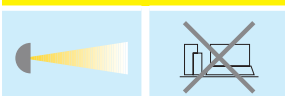
ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit.

GW84695



NON-WIRED VERSION

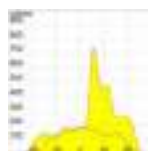


Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 84 695	1000 W	-	E40		Graphite grey	15.6	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. The device is supplied with standard service items.

ASYMMETRICAL RESTRICTED BEAM OPTICS

GW84759



WIRED VERSIONS - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 84 759	1000 W	MT/ST	E40	9.5 - 10.3 A	Graphite grey	16	1
GW 84 760	1000 W	MT*	E40	8.25 A	Graphite grey	15.7	1

Lamp with striking voltage of 0.7 ÷ 1kV.

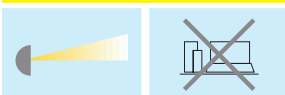
ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit.

GW84696



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 84 696	1000 W	-	E40		Graphite grey	15.6	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. The device is supplied with standard service items.

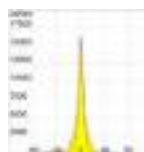
COLOSSEUM RANGE

FLOODLIGHTS FOR LARGE-SCALE SYSTEMS

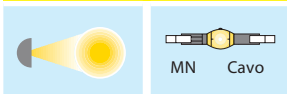
COLOSSEUM RANGE

CIRCULAR OPTICS

GW84657



WIRED VERSIONS - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
BEAM: RESTRICTED - 8°							
GW 84 656	1000 W	MN	K12s/Cable	9.6 A	Graphite grey	16	1
GW 84 657	2000 W	MN	K12s/Cable	11.3 A	Graphite grey	16	1
BEAM: MEDIUM - 25°							
GW 84 754	1000 W	MN	K12s/Cable	9.6 A	Graphite grey	16	1
GW 84 755	2000 W	MN	K12s/Cable	11.3 A	Graphite grey	16	1
BEAM: DIFFUSED - 40°							
GW 84 756	1000 W	MN	K12s/Cable	9.6 A	Graphite grey	16	1
GW 84 757	2000 W	MN	K12s/Cable	11.3 A	Graphite grey	16	1

ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit.

TECHNICAL COMPONENTS

GW84611



SUPPLY UNIT - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Conf. lmb.
GW 84 611	600 W	ST	6.2 A	230 V - 50 Hz	10.6	1
GW 84 612	600 W	ST	6.2 A	240 V - 50 Hz	10.6	1
GW 84 613	600 W	ST	6.2 A	220 V - 60 Hz	10.6	1
GW 84 616	1000 W	MT/MN/ST	9.5 - 10.3 A	230 V - 50 Hz	13.7	1
GW 84 617	1000 W	MT/MN/ST	9.5 - 10.3 A	240 V - 50 Hz	13.7	1
GW 84 618	1000 W	MT/MN/ST	9.5 - 10.3 A	220 V - 60 Hz	13.7	1
GW 84 627	1000 W	MT	8.25 A	230 V - 50 Hz	11	1
GW 84 628	1000 W	MT	8.25 A	240 V - 50 Hz	11	1
GW 84 629	1000 W	MT	8.25 A	220 V - 60 Hz	11	1
GW 84 621	2000 W	MT/MN	9.8 - 11.3 A	400 V - 50 Hz	18.5	1
GW 84 622	2000 W	MT/MN	9.8 - 11.3 A	415 V - 50 Hz	18.5	1
GW 84 623	2000 W	MT/MN	9.8 - 11.3 A	380 V - 60 Hz	18.5	1
GW 84 626		Box not wired			4.2	1

NOTES: the unwired box is supplied with a supply unit support plate, a cable fastener and a cable gland PG 13.5.

GW84639



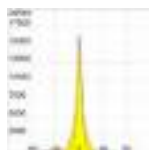
SUPPLY UNIT - IP20 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Conf. lmb.
GW 84 636	600 W	ST	6.2 A	230 V - 50 Hz	8.4	1
GW 84 637	1000 W	MT/MN/ST	9.5 - 10.3 A	230 V - 50 Hz	11.5	1
GW 84 638	1000 W	MT	8.25 A	230 V - 50 Hz	8.8	1
GW 84 639	2000 W	MT/MN	9.8 - 11.3 A	400 V - 50 Hz	16.3	1

WIRING FOR HOT RE-STRIKE

CIRCULAR OPTICS

GW84761



WIRED VERSIONS - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Beam	Colour	Weight (kg)	Conf. Imb.
GW 84 761	2000 W	MN	K12s/Cable	11.3 A	Restricted - 8°	Graphite grey	16.5	1
GW 84 766	2000 W	MN	K12s/Cable	11.3 A	Medium - 25°	Graphite grey	16.5	1
GW 84 771	2000 W	MN	K12s/Cable	11.3 A	Diffused - 40°	Graphite grey	16.5	1

NOTES: to be used with the relative supply unit.

COMPLEMENTARY ITEMS

GW84624



SUPPLY UNIT - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Conf. Imb.
GW 84 624	2000 W	MN	11.3 A	380 / 415 V - 50 Hz	25.2	1

COLOSSEUM RANGE - COMMON ARTICLES

COMPLEMENTARY ITEMS

GW84781



COMPLEMENTARY COMPONENTS

Code	Description	Colour	Weight (kg)	Conf. Imb.
GW 84 781	Visor	Matt black	4.1	1

GW88261



SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 88 261	Transparent tempered glass	468x439x4	2.1	1/2
GW 88 285	Diffused tempered glass	468x439x4	2.1	1/2

GW88285: spare part for diffused beam floodlights GW84756, GW84757 and GW84771.

STADIUM range

Floodlights for large-scale systems

Outdoor floodlight for large areas.

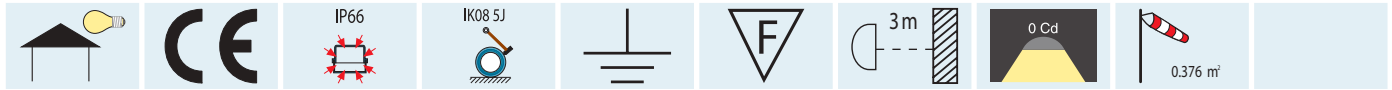
- IP66 protection class.
- Captive external screw in stainless steel with hexagon head.
- 5mm-thick tempered glass.
- Lamp change made easy thanks to the separate hinged opening on the product shell.



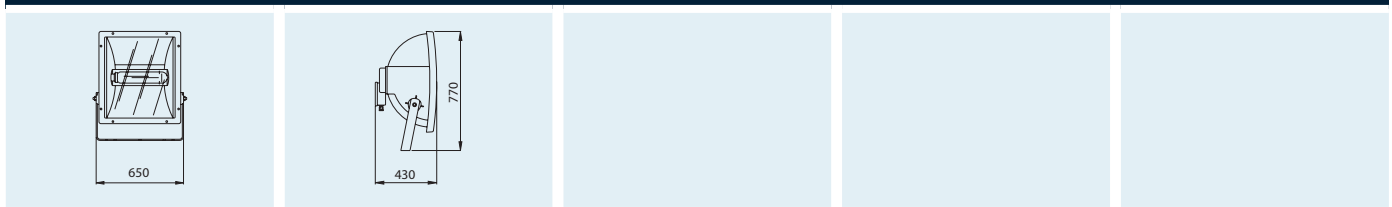
STADIUM RANGE

FLOODLIGHTS FOR LARGE-SCALE SYSTEMS

STADIUM RANGE



STADIUM



SYMMETRICAL DIFFUSED OPTICS



WIRED VERSIONS - IP66 - CLASS I



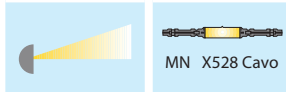
Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 662	1000 W	MT/ST	E40	10.3 A	Graphite grey	24.1	1
GW 84 663	2000 W	MT	E40	10.3 A	Graphite grey	23.5	1

ACCESSORIES SUPPLIED: GW84662: ignitor.
GW84663: ignitor not included, floodlight suitable for 380/400V lamps with built-in ignitor.
NOTES: to be used with the relative supply unit.

ASYMMETRICAL DIFFUSED OPTICS



WIRED VERSIONS - IP66 - CLASS I



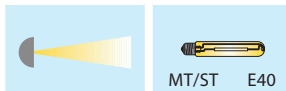
Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 667	1000 W	MN	X528/CABLE	9.5 A	Graphite grey	24.1	1
GW 84 668	2000 W	MN	X528/CABLE	10.3 A	Graphite grey	23.5	1

ACCESSORIES SUPPLIED: ignitor.
NOTES: to be used with the relative supply unit.

SYMMETRICAL RESTRICTED BEAM OPTICS



WIRED VERSIONS - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 672	1000 W	MT/ST	E40	10.3 A	Graphite grey	24.1	1
GW 84 673	2000 W	MT	E40	10.3 A	Graphite grey	23.5	1

ACCESSORIES SUPPLIED: GW84672: ignitor.
GW84673: ignitor not included, floodlight suitable for 380/400V lamps with built-in ignitor.
NOTES: to be used with the relative supply unit.

TECHNICAL COMPONENTS

GW84616



SUPPLY UNIT - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Conf. Imb.
GW 84 616	1000 W	MT/MN/ST	9.5 - 10.3 A	230 V - 50 Hz	13.7	1
GW 84 617	1000 W	MT/MN/ST	9.5 - 10.3 A	240 V - 50 Hz	13.7	1
GW 84 618	1000 W	MT/MN/ST	9.5 - 10.3 A	220 V - 60 Hz	13.7	1
GW 84 621	2000 W	MT/MN	9.8 - 11.3 A	400 V - 50 Hz	18.5	1
GW 84 622	2000 W	MT/MN	9.8 - 11.3 A	415 V - 50 Hz	18.5	1
GW 84 623	2000 W	MT/MN	9.8 - 11.3 A	380 V - 60 Hz	18.5	1
GW 84 626		Box not wired			4.2	1

NOTES: the unwired box is supplied with a supply unit support plate, a terminal block, a cable fastener and a cable gland PG 13.5.

GW84639



SUPPLY UNIT - IP20 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Conf. Imb.
GW 84 637	1000 W	MT/MN/ST	9.5 - 10.3 A	230 V - 50 Hz	11.5	1
GW 84 639	2000 W	MT/MN	9.8 - 11.3 A	400 V - 50 Hz	16.3	1

GW88262



SPARE PARTS

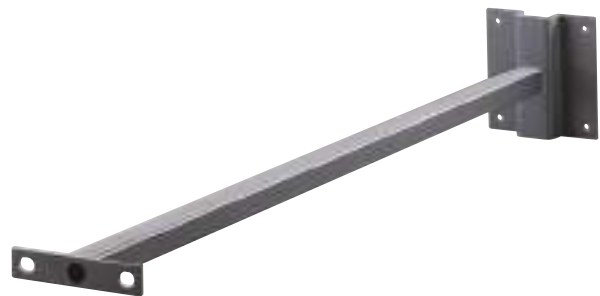
Code	Description	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 88 262	Transparent tempered glass	614x548x5	4.1	1/2

FLOODLIGHTS

Complementary items for installation

In completing its offer of floodlights, Gewiss presents a wide range of installation accessories for pole and wall-mounting with different application possibilities:

- Pole head for single or double device.
- Support for corner assembly.
- Supports of different lengths for smooth walls.
- Brackets complete with junction box and fuse-holder.



ADJUSTABLE BRACKET COMPLETE WITH JUNCTION BOX AND FUSE HOLDER

DOUBLE ADJUSTMENT ENABLED

The length of the bracket can be adjusted from 600 mm to 800 mm and it can rotate with angles of between +60° and -90°.










SECTIONING

The bracket is equipped with a junction box complete with a sectionable fuse-holder for fuse 8,5x31,5 mm and a five-pole terminal block of 6 mm².



COMMON INSTALLATION ACCESSORIES FOR THE FLOODLIGHT RANGE

	POLE FIXING				WALL-MOUNTING SUPPORTS				
	L=260	L=400	L=1100	With collar	500 mm	1000 mm	Corner	Adjustable	Adjustable with junction box
		GW 85 080	GW 85 081	GW 85 083	GW 85 084	GW 85 085	GW 85 086	GW 85 087	GW 85 088
	GW 85 186	GW 85 187	GW 85 188						
									
HORUS 1	✓	✓	✓	✓	✓	✓	✓	✓	✓
HORUS 2	✓	✓	✓	✓	✓	✓	✓	✓	✓
HORUS 3	✓	✓	✓	✓					
GENIUS 1000-1500 W	✓	✓	✓	✓	✓	✓	✓	✓	✓
URANO	✓	✓	✓	✓	✓	✓	✓	✓	✓
MERCURIO 1	✓	✓	✓	✓	✓	✓	✓	✓	✓
MERCURIO 2	✓	✓	✓	✓					
TITANO	✓	✓	✓	✓					

In completing its offer of floodlights, GEWISS presents a wide range of installation accessories for pole and wall-mounting with different application possibilities (post head for single or twin luminaire, collar, corner mounting, supports of different lengths for smooth walls and tilting support).

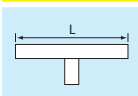
COMMON INSTALLATION ACCESSORIES FOR THE FLOODLIGHT RANGE

TECHNICAL COMPONENTS COMMON TO ALL GEWISS FLOODLIGHTS

GW85080



POLE COUPLINGS



Code	Description	For pole diameter (mm)	Length post head	Weight (kg)	Conf. Imb.
GW 85 080	Post head	60	L=400	3.5	1
GW 85 081	Post head	60	L=1100	7.1	1
GW 85 083	Post bracket	60 - 76		1.2	1
GW 85 186	Post head	76	L=260	4.5	1
GW 85 187	Post head	76	L=400	6.3	1
GW 85 188	Post head	76	L=1100	9	1

CHARACTERISTICS: hot galvanised steel.

GW85084



COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Accessories supplied	Length (mm)	Weight (kg)	Conf. Imb.
GW 85 084	Wall support		500	2.6	1
GW 85 085	Wall support		1000	4	1
GW 85 086	Angle bracket			1.4	1
GW 85 087	Adjustable bracket		800	2.8	1
GW 85 088	Adjustable bracket	Junction box - term. block - fuseholder	800	3	1

CHARACTERISTICS: steel supports coated with graphite grey polyester powder.

STREET LIGHTING



STREET LIGHTING WITH SIMPLIFIED MAINTENANCE

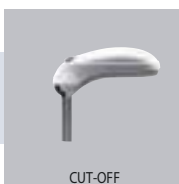
AVENUE 1



AVENUE 2



AVENUE 3



STREET LIGHTS

INDY 1



INDY 2



CITY



COMPLEMENTARY ITEMS FOR INSTALLATION

ACCESSORIES



AVENUE range

Street lighting with simplified maintenance

Street lighting with base in die-cast aluminium and body in reinforced technopolymer or entirely in die-cast aluminium.

- Single protection class IP65 (AVENUE 1) IP66 (AVENUE 2 and AVENUE 3).
- Insulation class II.
- Cut-off optics with flat glass, or semi cut-off with bowl.
- 1/4 turn lever opening.
- Removable electrical component carrying case.
- Bi-power versions for the reduction of power consumption.

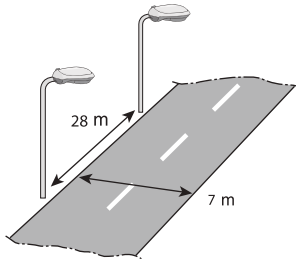
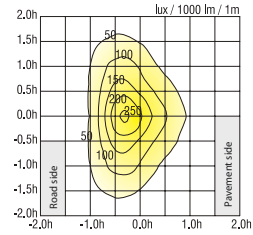
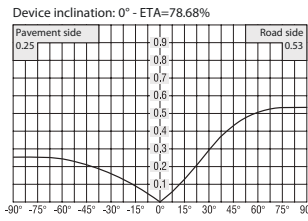
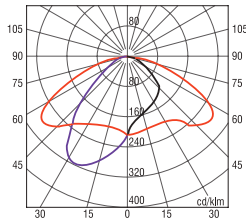


AVENUE RANGE

STREET LIGHTING WITH SIMPLIFIED MAINTENANCE

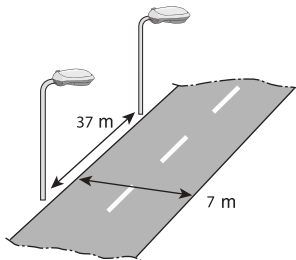
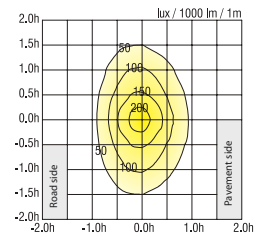
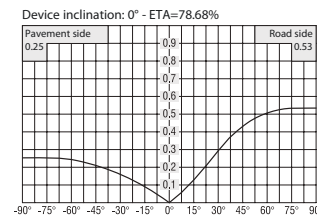
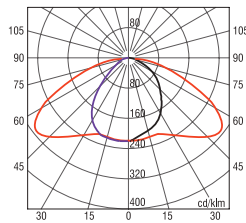
AVENUE RANGE

AVENUE 1 - FLAT GLASS - 100W SE



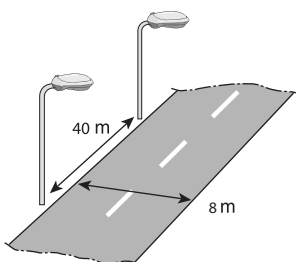
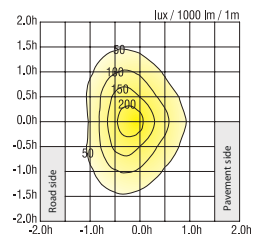
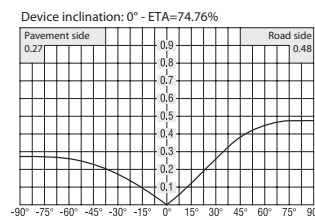
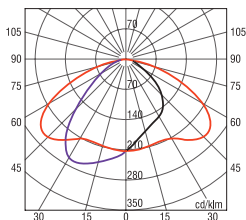
- Road width: 7m
- Number of lanes: 2
- Reference Standard: EN 13201
- Lighting Class: ME4a
- Road surface: C2
- h poles: 8m
- $L_m = 0.9 \text{ cd/m}^2$
- $U_I = 0.62$
- $U_o = 0.46$

AVENUE 1 - FLAT GLASS - 150W SE



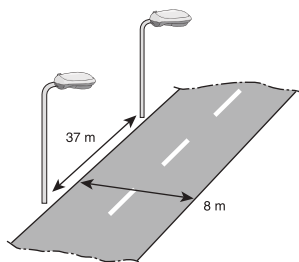
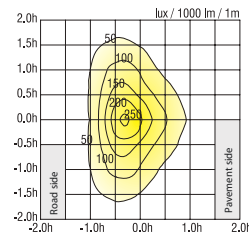
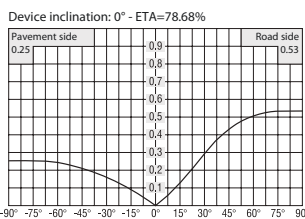
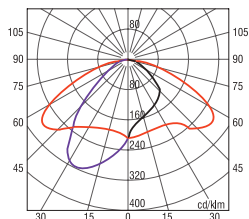
- Road width: 7m
- Number of lanes: 2
- Reference Standard: EN 13201
- Lighting Class: ME3b
- Road surface: C2
- h poles: 10m
- $L_m = 1.0 \text{ cd/m}^2$
- $U_I = 0.64$
- $U_o = 0.42$

AVENUE 1 - FLAT GLASS - 250W SE



- Road width: 7m
- Number of lanes: 2
- Reference Standard: EN 13201
- Lighting Class: ME3a
- Road surface: C2
- h poles: 12 m
- $L_m = 1.1 \text{ cd/m}^2$
- $U_I = 0.70$
- $U_o = 0.58$

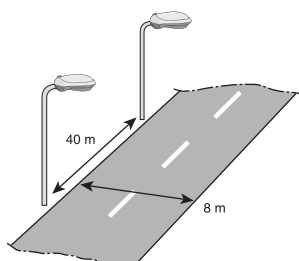
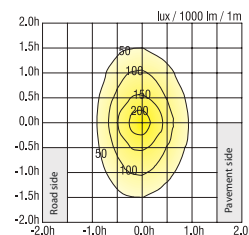
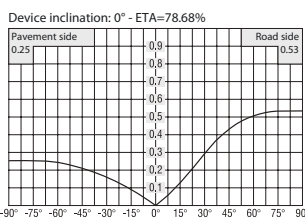
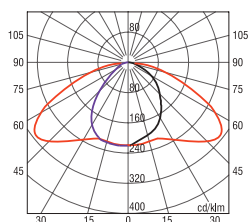
AVENUE 2 - FLAT GLASS - 150W SE



- Road width: 8m
- Number of lanes: 2
- Reference Standard: EN 13201
- Lighting Class: ME3b
- Road surface: C2
- h poles: 10m

- Lm = 1.0 cd/m²
- UI = 0.64
- Uo = 0.42

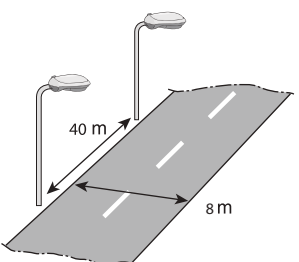
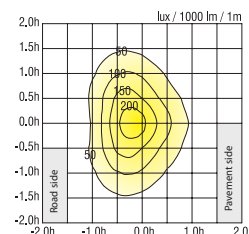
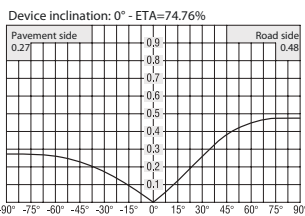
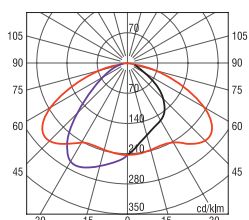
AVENUE 2 - FLAT GLASS - 250W SE



- Road width: 8m
- Number of lanes: 2
- Reference Standard: EN 13201
- Lighting Class: ME3a
- Road surface: C2
- h poles: 12m

- Lm = 1.1 cd/m²
- UI = 0.70
- Uo = 0.58

AVENUE 2 - FLAT GLASS - 400W ST



- Road width: 8m
- Number of lanes: 2
- Reference Standard: EN 13201
- Lighting Class: ME1
- Road surface: C2
- h poles: 12m

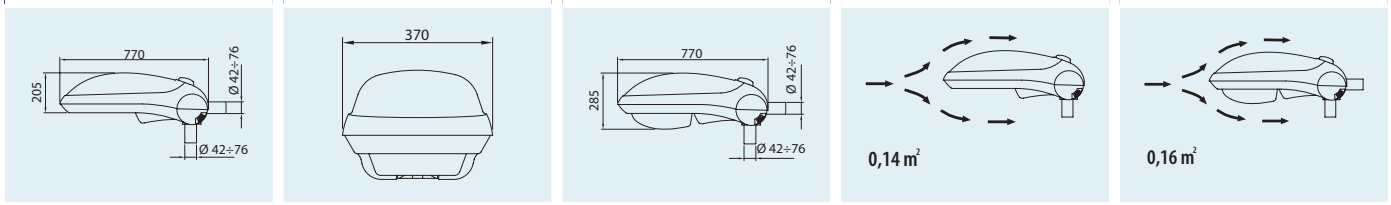
- Lm = 2.0 cd/m²
- UI = 0.70
- Uo = 0.40

AVENUE RANGE

STREET LIGHTING WITH SIMPLIFIED MAINTENANCE



AVENUE 1



CUT-OFF OPTICS- ADJUSTABLE INCLINATION



TECHNOPOLYMER STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP65 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 87 001	125 W	QE	E27	1.15 A	Grey / Pearl	10.1	1
GW 87 002	250 W	QE	E40	2.5 A	Grey / Pearl	10.6	1
GW 87 003	50 W	SE - ST	E27	0.8 A	Grey / Pearl	9.9	1
GW 87 004	70 W	ME-MT/SE-ST	E27	1 A	Grey / Pearl	10	1
GW 87 005	100 W	ME-MT/SE-ST	E40	1.2 A	Grey / Pearl	10.1	1
GW 87 006	150 W	ME-MT/SE-ST	E40	1.8 A	Grey / Pearl	10.8	1
GW 87 007	250 W	ME-MT/SE-ST	E40	3 A	Grey / Pearl	11.6	1
GW 87 008	250 W	ME - MT*	E40	2.2 A	Grey / Pearl	10.7	1
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 87 010	90 W	MT	PGZ-12	0.97 A	Grey / Pearl	10	1

Lamp with striking voltage of 0.7 - 1KV.
GW87003 and GW87004: Use lamps without a built-in ignitor.



TECHNOPOLYMER STREET LIGHTING - NON-WIRED VERSIONS

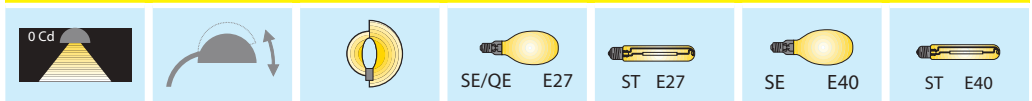


Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 87 041	125 W		E27		Grey / Pearl	8.2	1
GW 87 042	250 W		E40		Grey / Pearl	8.2	1

CUT-OFF OPTICS- ADJUSTABLE INCLINATION - BI-POWER



TECHNOPOLYMER STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP65 - CLASS II

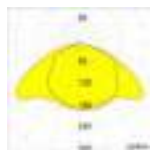


Code	Lamp power	Reduced power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz								
GW 87 021	125 W	80 W	QE	E27	1.15 A	Grey / Pearl	10.4	1
GW 87 022	70 W	50 W	SE - ST	E27	1 A	Grey / Pearl	10.3	1
GW 87 023	100 W	70 W	SE - ST	E40	1.2 A	Grey / Pearl	10.4	1
GW 87 024	150 W	100 W	SE - ST	E40	1.8 A	Grey / Pearl	11.2	1
GW 87 025	250 W	150 W	SE - ST	E40	3 A	Grey / Pearl	11.7	1

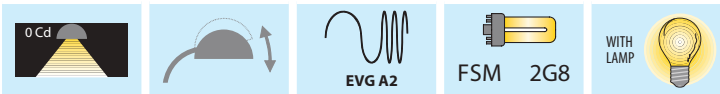
GW87022: use lamps without a built-in ignitor.

CUT-OFF OPTIC - ADJUSTABLE INCLINATION - FLUORESCENT LAMP

GW87033F



TECHNOPOLYMER STREET LIGHTING COMPLETE WITH LAMP - WIRED VERSIONS WITH P.F. CORRECTION FLAT GLASS - IP65 - CLASS II - ELECTRONIC POWER SUPPLY



Code	Lamp power	Lamp supplied	Lamp holder	Temperature of colour	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 87 031 F	60 W	FSM	2G8	4000 K	Grey / Pearl	8.4	1
GW 87 032 F	85 W	FSM	2G8	4000 K	Grey / Pearl	8.6	1
GW 87 033 F	120 W	FSM	2G8	4000 K	Grey / Pearl	8.8	1

SEMI CUT-OFF OPTICS - ADJUSTABLE INCLINATION

GW87057



TECHNOPOLYMER STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - PC BOWL - IP65 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 87 051	125 W	QE	E27	1.15 A	Grey / Pearl	9.6	1
GW 87 052	250 W	QE	E40	2.15 A	Grey / Pearl	10.1	1
GW 87 053	50 W	SE - ST	E27	0.8 A	Grey / Pearl	9.4	1
GW 87 054	70 W	ME-MT/SE-ST	E27	1 A	Grey / Pearl	9.5	1
GW 87 055	100 W	ME-MT/SE-ST	E40	1.2 A	Grey / Pearl	9.6	1
GW 87 056	150 W	ME-MT/SE-ST	E40	1.8 A	Grey / Pearl	10.3	1
GW 87 057	250 W	ME-MT/SE-ST	E40	3 A	Grey / Pearl	11.1	1
GW 87 058	250 W	ME - MT*	E40	2.2 A	Grey / Pearl	10.2	1

Lamp with striking voltage of 0.7 - 1kV.

GW87053 and GW87054: Use lamps without a built-in ignitor.

GW87091



TECHNOPOLYMER STREET LIGHTING - NON-WIRED VERSIONS



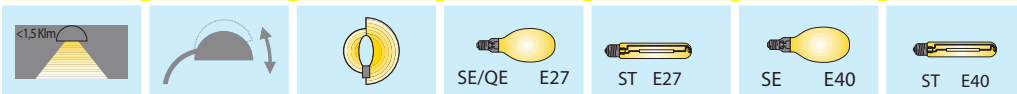
Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 87 091	125 W	-	E27		Grey / Pearl	7.7	1
GW 87 092	250 W	-	E40		Grey / Pearl	7.7	1

SEMI CUT-OFF OPTICS- ADJUSTABLE INCLINATION - BI-POWER

GW87075



TECHNOPOLYMER STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - PC BOWL - IP65 - CLASS II



Code	Lamp power	Reduced power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz								
GW 87 071	125 W	80 W	QE	E27	1.15 A	Grey / Pearl	9.9	1
GW 87 072	70 W	50 W	SE - ST	E27	1 A	Grey / Pearl	9.8	1
GW 87 073	100 W	70 W	SE - ST	E40	1.2 A	Grey / Pearl	9.9	1
GW 87 074	150 W	100 W	SE - ST	E40	1.8 A	Grey / Pearl	10.6	1
GW 87 075	250 W	150 W	SE - ST	E40	3 A	Grey / Pearl	11.5	1

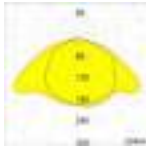
GW87072: use lamps without a built-in ignitor.

AVENUE RANGE

STREET LIGHTING WITH SIMPLIFIED MAINTENANCE

SEMI CUT-OFF OPTIC - ADJUSTABLE INCLINATION - FLUORESCENT LAMP

GW87083F



TECHNOPOLYMER STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP PC BOWL - IP65 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Temperature of colour	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 87 081 F	60 W	FSM	2G8	4000 K	Grey / Pearl	8	1
GW 87 082 F	85 W	FSM	2G8	4000 K	Grey / Pearl	8.2	1
GW 87 083 F	120 W	FSM	2G8	4000 K	Grey / Pearl	8.4	1

COMPLEMENTARY ITEMS

GW87207



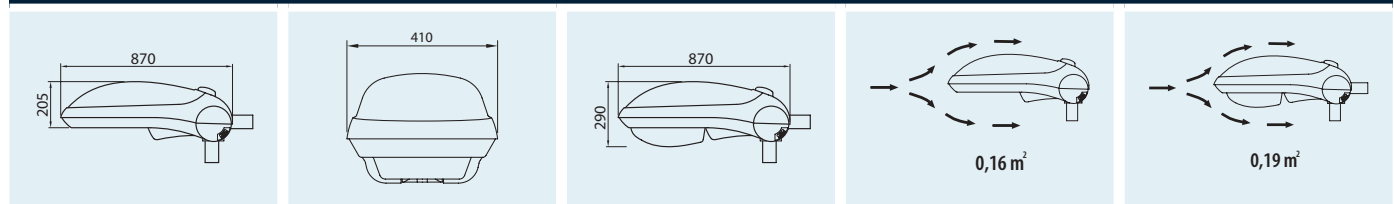
SPARE PARTS

Code	Description	Power	Type	Conf. Imb.
GW 87 201	Spare parts kit	125 W	QE	1
GW 87 202	Spare parts kit	250 W	QE	1
GW 87 203	Spare parts kit	50 W	SE-ST	1
GW 87 204	Spare parts kit	70 W	ME-MT / SE-ST	1
GW 87 205	Spare parts kit	100 W	ME-MT / SE-ST	1
GW 87 206	Spare parts kit	150 W	ME-MT / SE-ST	1
GW 87 207	Spare parts kit	250 W	ME-MT / SE-ST	1
GW 87 208	Spare parts kit	250 W	ME-MT*	1
GW 87 212	Bi-power spare parts kit	80 - 125 W	QE	1
GW 87 213	Bi-power spare parts kit	50 - 70 W	SE-ST	1
GW 87 214	Bi-power spare parts kit	70 - 100 W	SE-ST	1
GW 87 215	Bi-power spare parts kit	100 - 150 W	SE-ST	1
GW 87 216	Bi-power spare parts kit	150 - 250 W	SE-ST	1
GW 87 209	Tempered flat glass			1/5
GW 87 210	PC Bowl			1/5
GW 87 211	Visor			1/5

Lamp with striking voltage of 0.7 ÷ 1kV.

AVENUE RANGE

AVENUE 2



CUT-OFF OPTICS - ADJUSTABLE INCLINATION



DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP66 CLASS II



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 87 106	150 W	ME-MT/SE-ST	E40	1.8 A	Graphite / aluminium	15.7	1
GW 87 107	250 W	ME-MT/SE-ST	E40	3 A	Graphite / aluminium	16.5	1
GW 87 108	250 W	ME - MT*	E40	2.2 A	Graphite / aluminium	15.6	1
GW 87 109	400 W	MT/ST	E40	4.2 A	Graphite / aluminium	18.1	1

Lamp with striking voltage of 0.7 ÷ 1kV.



DIE-CAST ALUMINIUM STREET LIGHTING - NON-WIRED VERSIONS

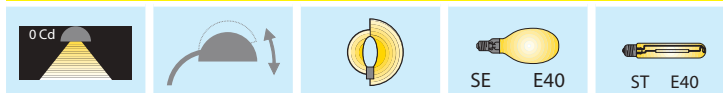


Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 87 142	400 W		E40		Graphite / aluminium	13.8	1

CUT-OFF OPTICS - ADJUSTABLE INCLINATION - BI-POWER



DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP66 CLASS II



Code	Lamp power	Reduced power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz								
GW 87 124	150 W	100 W	SE - ST	E40	1.8 A	Graphite / aluminium	16.1	1
GW 87 125	250 W	150 W	SE - ST	E40	3 A	Graphite / aluminium	16.9	1

CUT-OFF OPTICS - ADJUSTABLE INCLINATION - ELECTRONIC POWER SUPPLY WITH FLUORESCENT LAMP



DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION, COMPLETE WITH LAMP FLAT GLASS - IP66 - CLASS II - ELECTRONIC POWER SUPPLY



Code	Lamp power	Lamp supplied	Lamp holder	Temperature of colour	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 87 133 F	120 W	FSM	2G8	4000 K	Graphite / aluminium	14.1	1

AVENUE RANGE

STREET LIGHTING WITH SIMPLIFIED MAINTENANCE

SEMI CUT-OFF OPTICS - ADJUSTABLE INCLINATION

GW87157



DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - PC BOWL - IP66 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 87 156	150 W	ME-MT/SE-ST	E40	1.8 A	Graphite / aluminium	15.2	1
GW 87 157	250 W	ME-MT/SE-ST	E40	3 A	Graphite / aluminium	16	1
GW 87 158	250 W	ME - MT*	E40	2.2 A	Graphite / aluminium	15.2	1

Lamp with striking voltage of 0.7 ÷ 1kV.

GW87192



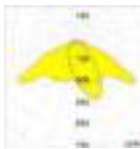
DIE-CAST ALUMINIUM STREET LIGHTING - NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 87 192	250 W		E40		Graphite / aluminium	13.3	1

SEMI CUT-OFF OPTICS - ADJUSTABLE INCLINATION - BI-POWER

GW87175



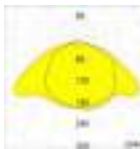
DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - PC BOWL - IP66 - CLASS II



Code	Lamp power	Reduced power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz								
GW 87 174	150 W	100 W	SE - ST	E40	1.8 A	Graphite / aluminium	15.6	1
GW 87 175	250 W	150 W	SE - ST	E40	3 A	Graphite / aluminium	16.4	1

SEMI CUT-OFF OPTICS - ADJUSTABLE INCLINATION - ELECTRONIC POWER SUPPLY WITH FLUORESCENT LAMP

GW87183F



DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION, COMPLETE WITH LAMP POLYCARBONATE BOWL - IP66 - CLASS II - ELECTRONIC POWER SUPPLY



Code	Lamp power	Lamp supplied	Lamp holder	Temperature of colour	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 87 183 F	120 W	FSM	2G8	4000 K	Graphite / aluminium	13.6	1

COMPLEMENTARY ITEMS

GW87226

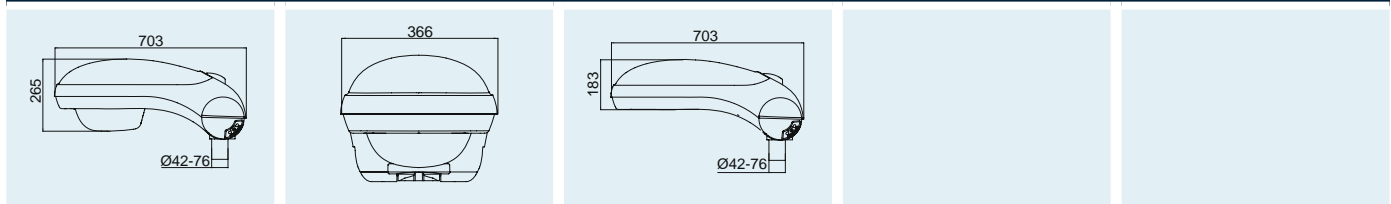


SPARE PARTS

Code	Description	Power	Type	Conf. lmb.
GW 87 226	Spare parts kit	150 W	ME-MT / SE-ST	1
GW 87 227	Spare parts kit	250 W	ME-MT / SE-ST	1
GW 87 228	Spare parts kit	250 W	ME-MT*	1
GW 87 229	Spare parts kit	400 W	ST	1
GW 87 233	Bi-power spare parts kit	100 - 150 W	SE-ST	1
GW 87 234	Bi-power spare parts kit	150 - 250 W	SE-ST	1
GW 87 230	Tempered flat glass			1
GW 87 231	PC Bowl			1/5
GW 87 232	Visor			1/5

Lamp with striking voltage of 0.7 ÷ 1kV.

AVENUE 3



CUT-OFF OPTICS - ADJUSTABLE INCLINATION



GW87303

DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP66 CLASS II



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 87 303	50 W	ST	E27	0.8 A	Graphite / aluminium		1
GW 87 304	70 W	MT/ST	E27	1 A	Graphite / aluminium		1
GW 87 305	100 W	MT/ST	E40	1.2 A	Graphite / aluminium		1
GW 87 306	150 W	MT/ST	E40	1.8 A	Graphite / aluminium		1
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 87 308	45 W	MT	PGZ-12	0.5 A	Graphite / aluminium		1
GW 87 309	60 W	MT	PGZ-12	0.65 A	Graphite / aluminium		1
GW 87 310	90 W	MT	PGZ-12	0.97 A	Graphite / aluminium		1



GW87341

DIE-CAST ALUMINIUM STREET LIGHTING - NON-WIRED VERSIONS



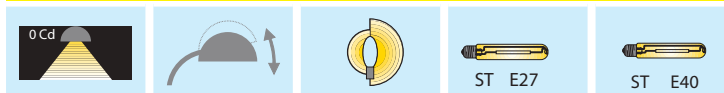
Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 87 341	70 W		E27		Graphite / aluminium		1
GW 87 342	150 W		E40		Graphite / aluminium		1
GW 87 343	90 W		PGZ-12		Graphite / aluminium		1

CUT-OFF OPTICS - ADJUSTABLE INCLINATION - BI-POWER



GW87322

DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS - IP66 CLASS II



Code	Lamp power	Reduced power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz								
GW 87 322	70 W	50 W	ST	E27	1 A	Graphite / aluminium		1
GW 87 324	150 W	100 W	ST	E40	1.8 A	Graphite / aluminium		1

SEMI CUT-OFF OPTICS - ADJUSTABLE INCLINATION - ELECTRONIC POWER SUPPLY WITH FLUORESCENT LAMP



GW87332F

DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP FLAT GLASS - IP66 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Temperature of colour	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 87 332 F	85 W	FSM	2G8	4000 K	Graphite / aluminium		1

AVENUE RANGE

STREET LIGHTING WITH SIMPLIFIED MAINTENANCE

SEMI CUT-OFF OPTICS - ADJUSTABLE INCLINATION

GW87353



DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - PC BOWL - IP66 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 87 353	50 W	ST	E27	0.8 A	Graphite / aluminium		1
GW 87 354	70 W	MT/ST	E27	1 A	Graphite / aluminium		1
GW 87 355	100 W	MT/ST	E40	1.2 A	Graphite / aluminium		1
GW 87 356	150 W	MT/ST	E40	1.8 A	Graphite / aluminium		1
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 87 358	45 W	MT	PGZ-12	0.5 A	Graphite / aluminium		1
GW 87 359	60 W	MT	PGZ-12	0.65 A	Graphite / aluminium		1
GW 87 360	90 W	MT	PGZ-12	0.97 A	Graphite / aluminium		1

AVENUE RANGE

GW87391



DIE-CAST ALUMINIUM STREET LIGHTING - NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 87 391	70 W		E27		Graphite / aluminium		1
GW 87 392	150 W		E40		Graphite / aluminium		1
GW 87 393	90 W		PGZ-12		Graphite / aluminium		1

SEMI CUT-OFF OPTICS - ADJUSTABLE INCLINATION - BI-POWER

GW87372



DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION - PC BOWL - IP66 - CLASS II



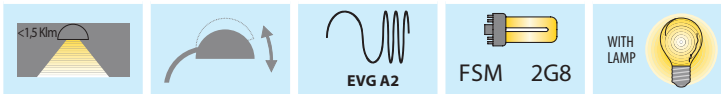
Code	Lamp power	Reduced power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz								
GW 87 372	70 W	50 W	ST	E27	1 A	Graphite / aluminium		1
GW 87 374	150 W	100 W	ST	E40	1.8 A	Graphite / aluminium		1

SEMI CUT-OFF OPTICS - ADJUSTABLE INCLINATION - ELECTRONIC POWER SUPPLY WITH FLUORESCENT LAMP

GW87382F



DIE-CAST ALUMINIUM STREET LIGHTING - WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP PC BOWL - IP66 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Temperature of colour	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 87 382 F	85 W	FSM	2G8	4000 K	Graphite / aluminium		1

COMPLEMENTARY ITEMS

GW87243



SPARE PARTS

Code	Description	Power	Type	Conf. lmb.
GW 87 243	Spare parts kit	50 W	ST	1
GW 87 244	Spare parts kit	70 W	MT / ST	1
GW 87 245	Spare parts kit	100 W	MT / ST	1
GW 87 246	Spare parts kit	150 W	MT / ST	1
GW 87 253	Bi-power spare parts kit	50 - 70 W	ST	1
GW 87 255	Bi-power spare parts kit	100 - 150 W	ST	1
GW 87 249	Tempered flat glass			1/5
GW 87 250	PC Bowl			1/5
GW 87 251	Visor			1/5

INDY range

Streamlined street lighting

Streamlined street lights with base in die-cast aluminium.

- Hinged opening.
- Closing by means of a unique knob.
- Bi-power versions available for the reduction of power consumption during the night.
- Safety switch disconnecter, insulation class II.

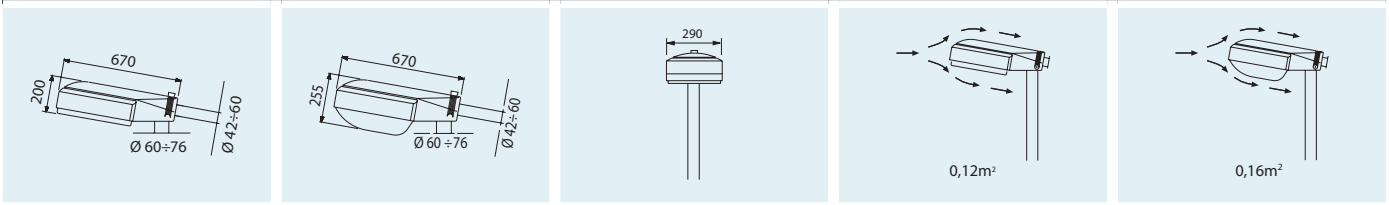


INDY RANGE

STREAMLINED STREET LIGHTS



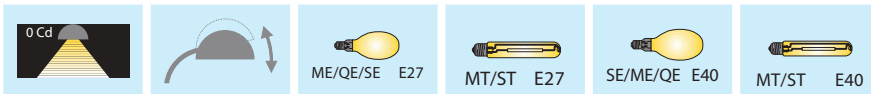
INDY 1



CUT-OFF OPTICS- ADJUSTABLE INCLINATION



WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS IP65 OPTICS COMPARTMENT - IP23 ACCESSORIES COMPARTMENT - CLASS II



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 86 901	125 W	QE	E27	1.15 A	Grey RAL 7035	7.5	1
GW 86 902	250 W	QE	E40	2.2 A	Grey RAL 7035	7.9	1
GW 86 903	70 W	ME-MT/SE-ST	E27	1 A	Grey RAL 7035	7.4	1
GW 86 904	100 W	ME-MT/SE-ST	E40	1.2 A	Grey RAL 7035	7.5	1
GW 86 905	150 W	ME-MT/SE-ST	E40	1.8 A	Grey RAL 7035	8.1	1
GW 86 906	250 W	ME-MT/SE-ST	E40	3 A	Grey RAL 7035	8.9	1
GW 86 907	250 W	ME* - MT*	E40	2.2 A	Grey RAL 7035	8	1

Lamp with striking voltage of 0.7 - 1KV.
NOTE: GW86903 use lamps without a built-in ignitor.



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 86 941	125 W	-	E27	-	Grey RAL 7035	5.7	1
GW 86 942	250 W	-	E40	-	Grey RAL 7035	5.7	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal, divider. Devices are supplied with standard service items.

CUT-OFF OPTICS- ADJUSTABLE INCLINATION - Bi-POWER



WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS IP65 OPTICS COMPARTMENT - IP23 ACCESSORIES COMPARTMENT - CLASS II



Code	Lamp power	Reduced power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz								
GW 86 175	125 W	80 W	QE	E27	1.15 A	Grey RAL 7035	7.9	1
GW 86 176	70 W	50 W	SE-ST	E27	1 A	Grey RAL 7035	7.7	1

NOTE: GW86176 use lamps without a built-in ignitor.

SEMI CUT-OFF OPTICS- ADJUSTABLE INCLINATION

GW86916



WIRED VERSIONS WITH P.F. CORRECTION - POLYCARBONATE BOWL - IP65 OPTICS COMPARTMENT IP23 ACCESSORIES COMPARTMENT - CLASS II



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 86 911	125 W	QE	E27	1.15 A	Grey RAL 7035	7	1
GW 86 912	250 W	QE	E40	2.2 A	Grey RAL 7035	7.4	1
GW 86 913	70 W	ME-MT/SE-ST	E27	1 A	Grey RAL 7035	6.9	1
GW 86 914	100 W	ME-MT/SE-ST	E40	1.2 A	Grey RAL 7035	7	1
GW 86 915	150 W	ME-MT/SE-ST	E40	1.8 A	Grey RAL 7035	7.6	1
GW 86 916	250 W	ME-MT/SE-ST	E40	3 A	Grey RAL 7035	8.3	1
GW 86 917	250 W	ME* - MT*	E40	2.2 A	Grey RAL 7035	7.7	1

Lamp with striking voltage of 0.7 - 1KV.

NOTE: GW86913 use lamps without a built-in ignitor.

GW86943



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 86 943	125 W	-	E27	-	Grey RAL 7035	5.2	1
GW 86 944	250 W	-	E40	-	Grey RAL 7035	5.2	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal, divider. Devices are supplied with standard service items.

SEMI CUT-OFF OPTICS- ADJUSTABLE INCLINATION - BI-POWER

GW86174



WIRED VERSIONS WITH P.F. CORRECTION - POLYCARBONATE BOWL IP65 OPTICS COMPARTMENT IP23 ACCESSORIES COMPARTMENT - CLASS II



Code	Lamp power	Reduced power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz								
GW 86 173	125 W	80 W	QE	E27	1.15 A	Grey RAL 7035	7.5	1
GW 86 174	70 W	50 W	SE-ST	E27	1 A	Grey RAL 7035	7.3	1

NOTE: GW86174 use lamps without a built-in ignitor.

COMPLEMENTARY ITEMS

GW88263



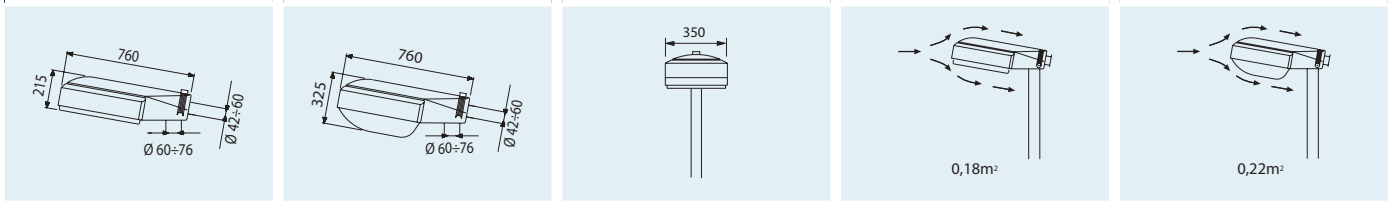
SPARE PARTS

Code	Description	Outer dim. LxHxD (mm)	Weight (kg)	Conf. Imb.
GW 88 263	PC Bowl	425x282x100	0.7	1/2
GW 88 283	Tempered flat glass	362x270x5	1.1	1/2

INDY RANGE

STREAMLINED STREET LIGHTS

INDY 2



CUT-OFF OPTICS - ADJUSTABLE INCLINATION



WIRED VERSIONS WITH P.F. CORRECTION - FLAT GLASS IP65 OPTICS COMPARTMENT IP23 ACCESSORIES COMPARTMENT - CLASS II



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 86 925	150 W	MT/ST	E40	1.8 A	Grey RAL 7035	9.6	1
GW 86 926	250 W	MT/ST	E40	3 A	Grey RAL 7035	10.4	1
GW 86 927	250 W	MT*	E40	2.2 A	Grey RAL 7035	9.6	1
GW 86 928	400 W	MT/ST	E40	4.2 A	Grey RAL 7035	11.8	1
GW 86 929	400 W	MT*	E40	3.4 A	Grey RAL 7035	10.3	1

Lamp with 0,7 ÷ 1KV striking voltage.



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 86 945	400 W	-	E40	-	Grey RAL 7035	7.3	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal, divider. Devices are supplied with standard service items.

INDY RANGE

SEMI CUT-OFF OPTICS- ADJUSTABLE INCLINATION

GW86936



WIRED VERSIONS WITH P.F. CORRECTION - POLYCARBONATE BOWL IP65 OPTICS COMPARTMENT IP23 ACCESSORIES COMPARTMENT - CLASS II



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 86 932	250 W	QE	E40	2.2 A	Grey RAL 7035	9	1
GW 86 935	150 W	ME-MT/SE-ST	E40	1.8 A	Grey RAL 7035	9.1	1
GW 86 936	250 W	ME-MT/SE-ST	E40	3 A	Grey RAL 7035	9.9	1
GW 86 937	250 W	ME* - MT*	E40	2.2 A	Grey RAL 7035	9.1	1

Lamp with 0,7 ÷ 1KV striking voltage.

GW86946



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 86 946	250 W	-	E40	-	Grey RAL 7035	6.8	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal, divider. Devices are supplied with standard service items.

COMPLEMENTARY ITEMS

GW88264



SPARE PARTS

Code	Description	Outer dim. LxHxD (mm)	Weight (kg)	Conf. Imb.
GW 88 264	PC Bowl	497x343x131	1.1	1/2
GW 88 265	Tempered flat glass	435x332x5	1.6	1/2

CITY range

Street lighting

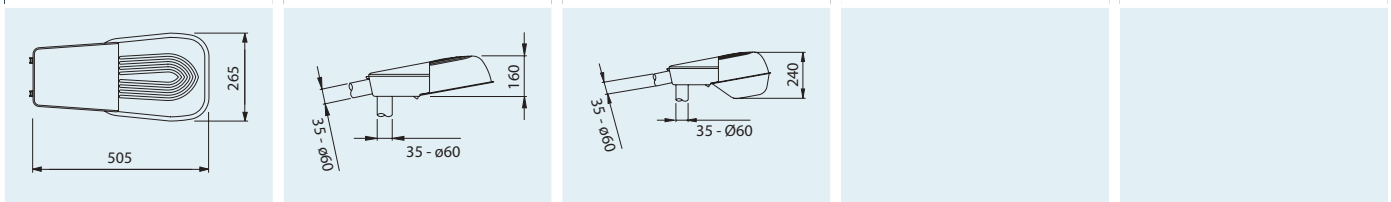
Street lighting with technopolymer body.

- IP43 protection class of component compartment.
- Insulation class II.
- Predisposed for poles from 35 to 60mm.
- Available with PC or PMMA bowls.





CITY



CITY RANGE

OPEN OPTICS



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP IP23 OPTICS COMPARTMENT IP23 ACCESSORIES COMPARTMENT - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 86 001 Q	125 W	QE	E27	1.15 A	Grey RAL 7035	4.5	1
GW 86 002 S	70 W	SE*	E27	1 A	Grey RAL 7035	4.4	1
GW 86 003 S	100 W	SE	E40	1.2 A	Grey RAL 7035	4.6	1
GW 86 091 S	150 W	SE	E40	1.8 A	Grey RAL 7035	5.5	1

Use lamps without a built-in ignitor.



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 86 071	150 W	-	E27		Grey RAL 7035	2.3	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical items: lampholder with cables, supply terminal. The device is supplied with standard service items.

WATERTIGHT OPTICS - PC BOWL



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP IP54 OPTICS COMPARTMENT IP43 ACCESSORIES COMPARTMENT - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 86 004 Q	125 W	QE	E27	1.15 A	Grey RAL 7035	5	1
GW 86 005 S	70 W	SE*	E27	1 A	Grey RAL 7035	4.9	1
GW 86 006 S	100 W	SE	E40	1.2 A	Grey RAL 7035	5.1	1
GW 86 096 S	150 W	SE	E40	1.8 A	Grey RAL 7035	6	1

Use lamps without built-in ignitor.



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 86 072	150 W	-	E27		Grey RAL 7035	2.8	1

ACCESSORIES SUPPLIED: structural components: reflector, PC bowl. Electrical components: lampholder with cables, supply terminal. The device is supplied with the kit of standard accessories.

WATERTIGHT OPTICS - PMMA BOWL

GW862225



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP IP54 OPTICS COMPARTMENT IP43 ACCESSORIES COMPARTMENT - CLASS II



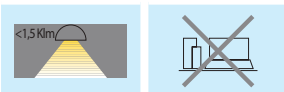
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 86 221 Q	125 W	QE	E27	1.15 A	Grey RAL 7035	5	1
GW 86 222 S	70 W	SE*	E27	1 A	Grey RAL 7035	4.9	1
GW 86 223 S	100 W	SE	E40	1.2 A	Grey RAL 7035	5.1	1
GW 86 224 S	150 W	SE	E40	1.8 A	Grey RAL 7035	6	1

Use lamps without a built-in ignitor.

GW86075



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 86 075	150 W	-	E27		Grey RAL 7035	2.8	1

ACCESSORIES SUPPLIED: structural components: reflector, plexiglass bowl, electrical components: lampholder with cables, supply terminal. The device is supplied with the kit of standard accessories.

COMPLEMENTARY ITEMS

GW88217



SPARE PARTS

Code	Description	Outer dim. LxHxD (mm)	Weight (kg)	Conf. Imb.
GW 88 217	PC bowl	290x250x100	0.5	1/2
GW 88 225	PMMA bowl	290x250x100	0.5	1/2
GW 86 241	IP54 kit		0.1	1/10

CHARACTERISTICS: GW86241, the kit allows the conversion of 5 products with open optic IP23 into IP54. Contents: 5 hooks, 5 supports, 10 rivets, 5 gaskets. To be completed with the relative bowls.

STREET LIGHTING

Complementary items for installation

Wide range of installation accessories common to all GEWISS street lighting solutions.

- Pole head connectors in hot galvanised steel.
- Surface-mounting bracket.



INSTALLATION ACCESSORIES COMMON TO ALL THE STREET LIGHTING RANGE

TECHNICAL COMPONENTS COMMON TO ALL GEWISS STREET LIGHTING

GW86243



POLE CONNECTORS

Code	Description	Type	Weight (kg)	Conf. Imb.
GW 86 242	Pole head coupling 76mm-60mm	Single	2.7	1
GW 86 243	Pole head coupling 76mm-60mm	Double	9	1
GW 86 244	Pole head coupling 76mm-60mm	Triple	10.8	1

CHARACTERISTICS: hot galvanised steel.

GW86166



FIXING BRACKET

Code	Description	Outer dim. LxHxD (mm)	Weight (kg)	Conf. Imb.
GW 86 166	Shelf for wall-mounting	150x160x290	1.6	1

APPLICATIONS: Allows the installation of the device on the wall and on 90° edges.

CHARACTERISTICS: hot galvanised steel, varnished grey RAL 7035.

INDUSTRIAL



HIGH BAY AND LOW BAY

HALLE



STANDARD OPTIC



DIFFUSED BEAM OPTIC



RESTRICTED BEAM OPTIC

HALLE TS



TRANSPARENT OPTIC



STANDARD OPTIC



PRISMATIZED OPTIC

KONO



HERCULES



STANDARD OPTIC



STRIPED OPTIC



TRANSPARENT OPTIC

FRIBAY



ZNT



QUICK WIRING



EMERGENCY



ATEX

WATERPROOF CEILING MOUNTING LUMINARIES

HALLE range

Watertight high bays

Watertight high bay in die-cast aluminium.

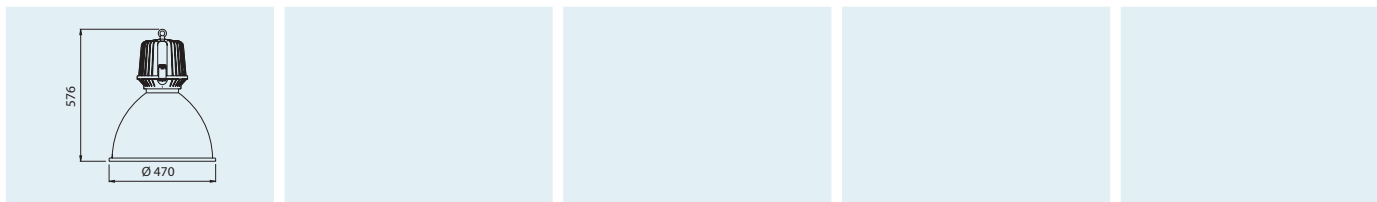
- Single IP65 protection class.
- Opening made easier, without tools, with two technopolymer hooks.
- Three optic compartment closing versions: transparent tempered glass, PC or PMMA bowl.
- Versions with auxiliary halogen lamp.
- Electrical component compartment in two colours: graphite grey or aluminium.
- ATEX versions available.





HALLE - STANDARD OPTICS

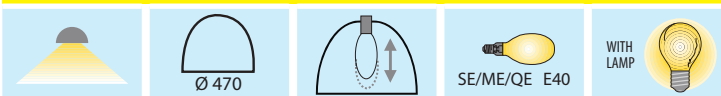
OPEN OPTIC



GW83001S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP IP23 OPTICS COMPARTMENT IP65 ACCESSORIES COMPARTMENT - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230V - 50HZ							
GW 83 001 S	150 W	SE	E40	1.8 A	Graphite grey	6.9	1
GW 83 002 Q	250 W	QE	E40	2.2 A	Graphite grey	6.7	1
GW 83 003 S	250 W	SE	E40	3 A	Graphite grey	7.6	1
GW 83 003 M	250 W	ME	E40	3 A	Graphite grey	7.6	1
GW 83 004 M	250 W	ME*	E40	2.2 A	Graphite grey	6.8	1
GW 83 005 Q	400 W	QE	E40	3.2 A	Graphite grey	7.6	1
GW 83 006 S	400 W	SE	E40	4.2 A	Graphite grey	8.9	1
GW 83 006 M	400 W	ME	E40	4.2 A	Graphite grey	8.9	1
GW 83 007 M	400 W	ME*	E40	3.4 A	Graphite grey	7.5	1

Lamp with striking voltage of 0.7 ÷ 1kV.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield (glass) as this is required by the type of lamp installed.

GW83501



NON-WIRED VERSIONS

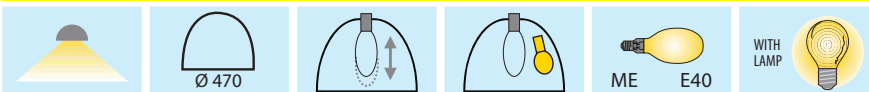


Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 83 501	400 W	-	E40		Graphite grey	6.2	1

GW83022M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP IP23 OPTICS COMPARTMENT IP65 ACCESSORIES COMPARTMENT - CLASS I COMMUTATION DEVICE FOR AUXILIARY HALOGEN LAMP



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230V - 50Hz							
GW 83 022 M	250 W	ME	E40	3 A	Graphite grey	8.1	1
GW 83 023 M	250 W	ME*	E40	2.2 A	Graphite grey	7.3	1
GW 83 024 M	400 W	ME	E40	4.2 A	Graphite grey	9.4	1
GW 83 025 M	400 W	ME*	E40	3.4 A	Graphite grey	8	1

Lamp with striking voltage of 0.7 ÷ 1kV.

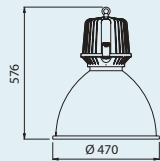
NOTES: halogen lamp not supplied (E27 max 250W).

The switching device guarantees the continuity of the light emission if the discharge lamp is switched on again when hot.

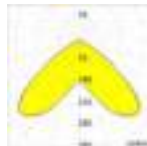
The auxiliary halogen lamp is switched on until the complete emission of the main lamp has been reset.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield (glass) as this is required by the type of lamp installed.

WITH GLASS



GW830265



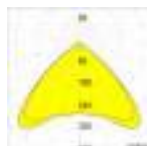
WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I



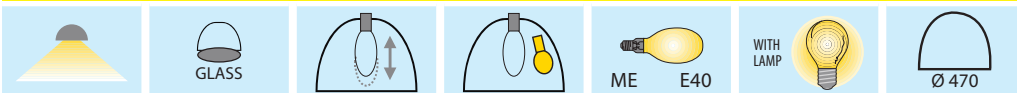
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230V - 50Hz							
GW 83 026 S	150 W	SE	E40	1.8 A	Graphite grey	9.2	1
GW 83 027 Q	250 W	QE	E40	2.2 A	Graphite grey	9	1
GW 83 028 S	250 W	SE	E40	3 A	Graphite grey	9.9	1
GW 83 028 M	250 W	ME	E40	3 A	Graphite grey	9.9	1
GW 83 029 M	250 W	ME*	E40	2.2 A	Graphite grey	9.1	1
GW 83 030 Q	400 W	QE	E40	3.2 A	Graphite grey	9.9	1
GW 83 031 S	400 W	SE	E40	4.2 A	Graphite grey	10.9	1
GW 83 031 M	400 W	ME	E40	4.2 A	Graphite grey	10.9	1
GW 83 032 M	400 W	ME*	E40	3.4 A	Graphite grey	9.8	1

Lamp with 0,7 ÷ 1KV striking voltage.

GW83047M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I COMMUTATION DEVICE FOR AUXILIARY HALOGEN LAMP



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230V - 50Hz							
GW 83 047 M	250 W	ME	E40	3 A	Graphite grey	10.4	1
GW 83 048 M	250 W	ME*	E40	2.2 A	Graphite grey	9.6	1
GW 83 049 M	400 W	ME	E40	4.2 A	Graphite grey	11.5	1
GW 83 050 M	400 W	ME*	E40	3.4 A	Graphite grey	10.1	1

Lamp with striking voltage of 0.7 ÷ 1kV.

NOTES: halogen lamp not supplied (E27 max 250W).

The switching device guarantees the continuity of the light emission if the discharge lamp is switched on again when hot.

The auxiliary halogen lamp is switched on until the complete emission of the main lamp has been reset.

COMPLEMENTARY ITEMS

GW83531

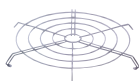


ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 83 531	IP65 kit glass		2.3	1
GW 84 820	Tempered glass	Ø 470 x h 4	2.1	1

CHARACTERISTICS: the kit GW83531 includes glass, closing ring and gasket.

GW84814



PROTECTIVE WIRE GUARD

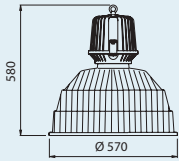
Code	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 84 814	Ø 475 x h 50	0.5	5

CHARACTERISTICS: clip fixing on the device.

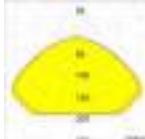
NOTES: protective wire guard to be used in versions with open optics, or optics closed with glass.

HALLE - DIFFUSED OPTICS

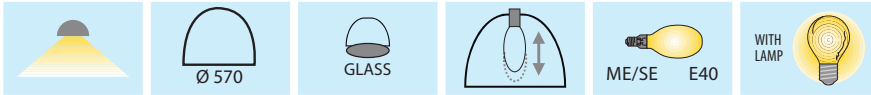
WITH GLASS



GW83126S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230V - 50Hz							
GW 83 126 S	150 W	SE	E40	1.8 A	Graphite grey	11.7	1
GW 83 127 Q	250 W	QE	E40	2.2 A	Graphite grey	11.5	1
GW 83 128 S	250 W	SE	E40	3 A	Graphite grey	12.4	1
GW 83 128 M	250 W	ME	E40	3 A	Graphite grey	12.4	1
GW 83 129 M	250 W	ME*	E40	2.2 A	Graphite grey	11.6	1
GW 83 130 Q	400 W	QE	E40	3.2 A	Graphite grey	12.4	1
GW 83 131 S	400 W	SE	E40	4.2 A	Graphite grey	13.4	1
GW 83 131 M	400 W	ME	E40	4.2 A	Graphite grey	13.4	1
GW 83 132 M	400 W	ME*	E40	3.4 A	Graphite grey	12.3	1

Lamp with 0,7 ÷ 1KV striking voltage.

GW8350S



NON-WIRED VERSIONS

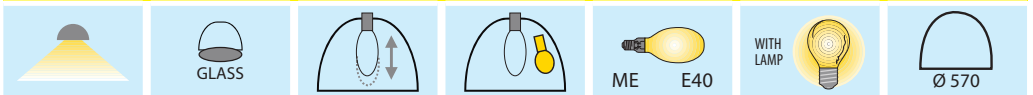


Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 83 50S	400 W	-	E40		Graphite grey	9.4	1

GW83147M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I COMMUTATION DEVICE FOR AUXILIARY HALOGEN LAMP



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230V - 50HZ							
GW 83 147 M	250 W	ME	E40	3 A	Graphite grey	12.8	1
GW 83 148 M	250 W	ME*	E40	2.2 A	Graphite grey	12	1
GW 83 149 M	400 W	ME	E40	4.2 A	Graphite grey	14.1	1
GW 83 150 M	400 W	ME*	E40	3.4 A	Graphite grey	12.7	1

Lamp with striking voltage of 0.7 ÷ 1kV.

NOTES: halogen lamp not supplied (E27 max 250W).

The switching device guarantees the continuity of the light emission if the discharge lamp is switched on again when hot.

The auxiliary halogen lamp is switched on until the complete emission of the main lamp has been reset.

COMPLEMENTARY ITEMS

GW83534

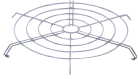


ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 83 534	IP65 kit glass		4	1
GW 85 928	Tempered glass	Ø 570 x h 5	3.5	1

CHARACTERISTICS: the kit GW83534 includes glass, closing ring and gasket.

GW85926



PROTECTIVE WIRE GUARD

Code	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 85 926	Ø 580 x h 90	1.4	1

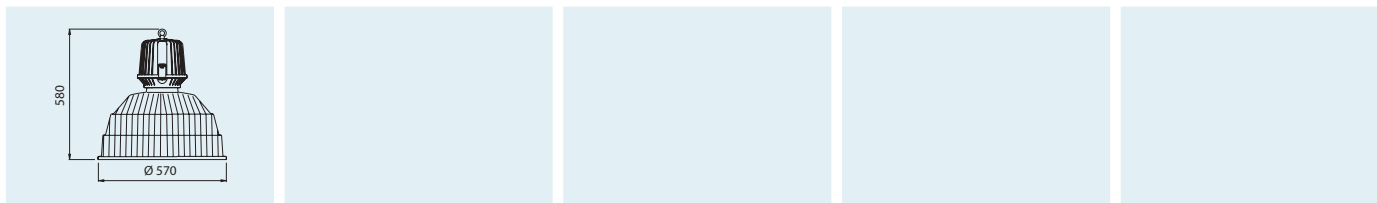
CHARACTERISTICS: clip fixing on the device.

NOTES: protective wire guard to be used in versions with open optics, or optics closed with glass.

HALLE RANGE

WATERTIGHT HIGH BAYS

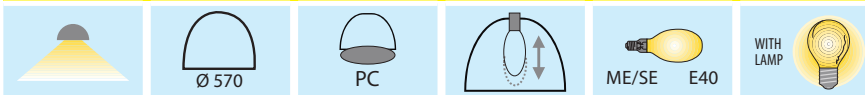
WITH POLYCARBONATE BOWL



GW831515



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230V - 50Hz							
GW 83 151 S	150 W	SE	E40	1.8 A	Graphite grey	10.2	1
GW 83 152 Q	250 W	QE	E40	2.2 A	Graphite grey	10	1
GW 83 153 S	250 W	SE	E40	3 A	Graphite grey	10.9	1
GW 83 153 M	250 W	ME	E40	3 A	Graphite grey	10.9	1
GW 83 154 M	250 W	ME*	E40	2.2 A	Graphite grey	10.1	1
GW 83 155 Q	400 W	QE	E40	3.2 A	Graphite grey	10.9	1
GW 83 156 S	400 W	SE	E40	4.2 A	Graphite grey	11.9	1
GW 83 156 M	400 W	ME	E40	4.2 A	Graphite grey	11.9	1
GW 83 157 M	400 W	ME*	E40	3.4 A	Graphite grey	10.8	1

Lamp with 0,7 ÷ 1KV striking voltage.

GW83506



NON-WIRED VERSIONS

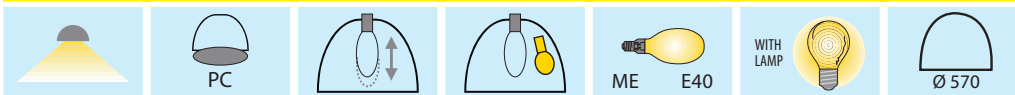


Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 83 506	400 W	-	E40		Graphite grey	7.9	1

GW83172M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I COMMUTATION DEVICE FOR AUXILIARY HALOGEN LAMP



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230V - 50HZ							
GW 83 172 M	250 W	ME	E40	3 A	Graphite grey	11.4	1
GW 83 173 M	250 W	ME*	E40	2.2 A	Graphite grey	10.6	1
GW 83 174 M	400 W	ME	E40	4.2 A	Graphite grey	12.4	1
GW 83 175 M	400 W	ME*	E40	3.4 A	Graphite grey	11.3	1

Lamp with striking voltage of 0.7 ÷ 1kV.

NOTES: halogen lamp not supplied (E27 max 250W).

The switching device guarantees the continuity of the light emission if the discharge lamp is switched on again when hot.

The auxiliary halogen lamp is switched on until the complete emission of the main lamp has been reset.

COMPLEMENTARY ITEMS

GW83535

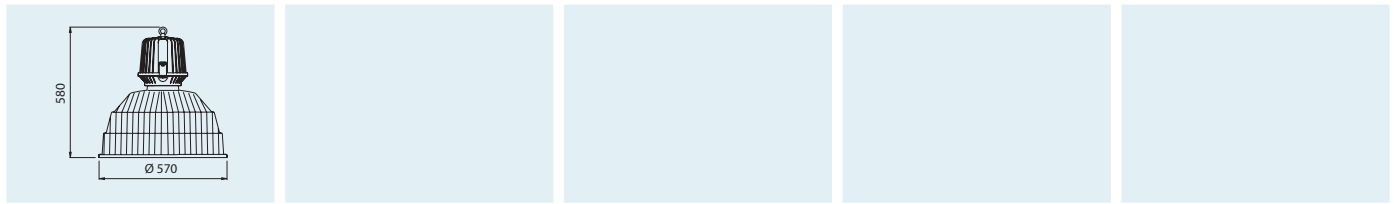


ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 83 535	IP65 kit bowl PC		2.2	1
GW 83 927	PC Bowl	Ø 570 x h 65	1.3	1/5

CHARACTERISTICS: kit GW83535 is composed by PC bowl, closing ring and gasket.

WITH ACRYLIC BOWL (PLEXIGLASS)



GW83176S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230V - 50Hz							
GW 83 176 S	150 W	SE	E40	1.8 A	Graphite grey	10.2	1
GW 83 177 Q	250 W	QE	E40	2.2 A	Graphite grey	10	1
GW 83 178 S	250 W	SE	E40	3 A	Graphite grey	10.9	1
GW 83 178 M	250 W	ME	E40	3 A	Graphite grey	10.9	1
GW 83 179 M	250 W	ME*	E40	2.2 A	Graphite grey	10.1	1

Lamp with 0,7 ÷ 1kV striking voltage.

GW83507



NON-WIRED VERSIONS

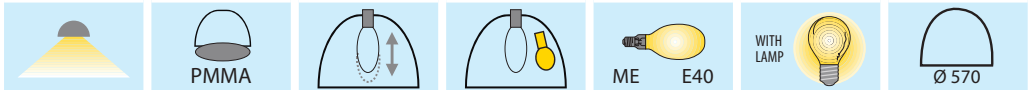


Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 83 507	250 W	-	E40		Graphite grey	7.9	1

GW83197M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I COMMUTATION DEVICE FOR AUXILIARY HALOGEN LAMP



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230V - 50Hz							
GW 83 197 M	250 W	ME	E40	3 A	Graphite grey	11.4	1
GW 83 198 M	250 W	ME*	E40	2.2 A	Graphite grey	10.6	1

Lamp with striking voltage of 0.7 ÷ 1kV.

NOTES: halogen lamp not supplied (E27 max 250W).

The switching device guarantees the continuity of the light emission if the discharge lamp is switched on again when hot.

The auxiliary halogen lamp is switched on until the complete emission of the main lamp has been reset.

COMPLEMENTARY ITEMS

GW83536



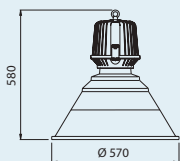
ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 83 536	Kit bowl PMMA IP65		2.2	1
GW 85 771	PMMA Bowl	Ø 570 x h 65	1.3	1/5

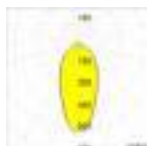
CHARACTERISTICS: kit GW83536 is composed by PMMA bowl, closing ring and gasket.

HALLE - RESTRICTED BEAM OPTICS

WITH GLASS



GW83231M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230V - 50Hz							
GW 83 227 Q	250 W	QE	E40	2.2 A	Graphite grey	11.7	1
GW 83 228 S	250 W	SE	E40	3 A	Graphite grey	12.6	1
GW 83 228 M	250 W	ME	E40	3 A	Graphite grey	12.6	1
GW 83 229 M	250 W	ME*	E40	2.2 A	Graphite grey	11.8	1
GW 83 230 Q	400 W	QE	E40	3.2 A	Graphite grey	12.6	1
GW 83 231 S	400 W	SE	E40	4.2 A	Graphite grey	13.8	1
GW 83 231 M	400 W	ME	E40	4.2 A	Graphite grey	13.8	1
GW 83 232 M	400 W	ME*	E40	3.4 A	Graphite grey	12.4	1

Lamp with 0,7 ÷ 1kV striking voltage.

GW83508

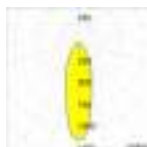


NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 83 508	400 W	-	E40		Graphite grey	9.6	1

GW83247M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I COMMUTATION DEVICE FOR AUXILIARY HALOGEN LAMP



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230V - 50Hz							
GW 83 247 M	250 W	ME	E40	3 A	Graphite grey	13	1
GW 83 248 M	250 W	ME*	E40	2.2 A	Graphite grey	12.2	1
GW 83 249 M	400 W	ME	E40	4.2 A	Graphite grey	14.3	1
GW 83 250 M	400 W	ME*	E40	3.4 A	Graphite grey	13	1

Lamp with striking voltage of 0.7 ÷ 1kV.

NOTES: halogen lamp not supplied (E27 max 250W).

The switching device guarantees the continuity of the light emission if the discharge lamp is switched on again when hot. The auxiliary halogen lamp is switched on until the complete emission of the main lamp has been reset.

COMPLEMENTARY ITEMS

GW83534

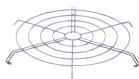


ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 83 534	IP65 kit glass		4	1
GW 85 928	Tempered glass	Ø 570 x h 5	3.5	1

CHARACTERISTICS: kit GW83534 is composed by tempered glass, closing ring and gasket.

GW85926



PROTECTIVE WIRE GUARD

Code	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 85 926	Ø 580 x h 90	1.4	1

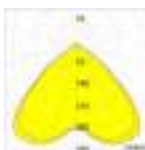
CHARACTERISTICS: clip fixing on the device.

NOTES: protective wire guard to be used in versions with open optics, or optics closed with glass.

HALLE ATEX - ZONE 2 (G) - ZONE 22 (D)

STANDARD OPTICS

GW83563S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 83 563 S	250 W	SE	E40	3 A	Graphite grey	10	1
GW 83 563 M	250 W	ME	E40	3 A	Graphite grey	10	1
GW 83 564 M	250 W	ME*	E40	2.2 A	Graphite grey	9.2	1
GW 83 566 S	400 W	SE	E40	4.2 A	Graphite grey	11.1	1
GW 83 566 M	400 W	ME	E40	4.2 A	Graphite grey	11.1	1
GW 83 567 M	400 W	ME*	E40	3.4 A	Graphite grey	9.9	1

Lamp with striking voltage of 0.7 ÷ 1kV.

ATEX VERSIONS CLASSIFICATION:

Version 250W 1kV: II 3GD Ex nA T1 - tD A22 IP65 T137°C -20°C < Ta < +25°C X - 230V 50Hz

Version 250W 4kV: II 3GD Ex nA T2 - tD A22 IP65 T113°C -20°C < Ta < +25°C X - 230V 50Hz

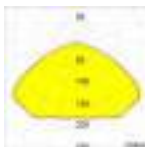
Version 400W 1kV: II 3GD Ex nA T1 - tD A22 IP65 T137°C -20°C < Ta < +25°C X - 230V 50Hz

Version 400W 4kV: II 3GD Ex nA T1 - tD A22 IP65 T156°C -20°C < Ta < +25°C X - 230V 50Hz

HALLE RANGE

DIFFUSED OPTICS

GW83573S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230V - 50Hz							
GW 83 573 S	250 W	SE	E40	3 A	Graphite grey	12.5	1
GW 83 573 M	250 W	ME	E40	3 A	Graphite grey	12.5	1
GW 83 574 M	250 W	ME*	E40	2.2 A	Graphite grey	11.7	1
GW 83 576 S	400 W	SE	E40	4.2 A	Graphite grey	13.5	1
GW 83 576 M	400 W	ME	E40	4.2 A	Graphite grey	13.5	1
GW 83 577 M	400 W	ME*	E40	3.4 A	Graphite grey	12.4	1

Lamp with striking voltage of 0.7 ÷ 1kV.

ATEX VERSIONS CLASSIFICATION:

Version 250W 1kV: II 3GD Ex nA T1 - tD A22 IP65 T137°C -20°C < Ta < +25°C X - 230V 50Hz

Version 250W 4kV: II 3GD Ex nA T2 - tD A22 IP65 T113°C -20°C < Ta < +25°C X - 230V 50Hz

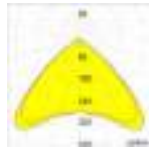
Version 400W 1kV: II 3GD Ex nA T1 - tD A22 IP65 T137°C -20°C < Ta < +25°C X - 230V 50Hz

Version 400W 4kV: II 3GD Ex nA T1 - tD A22 IP65 T156°C -20°C < Ta < +25°C X - 230V 50Hz

HALLE - RAPID WIRING

STANDARD OPTICS

GW83624M



WIRED VERSIONS WITH P.F. CORRECTION, COMPLETE WITH LAMP - IP65 - CLASS I

Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 83 624 M	250 W	ME	E40	3 A	Graphite grey	10.4	1
GW 83 625 M	250 W	ME*	E40	2.2 A	Graphite grey	9.6	1
GW 83 629 M	400 W	ME	E40	4.2 A	Graphite grey	11.4	1
GW 83 630 M	400 W	ME*	E40	3.4 A	Graphite grey	10.3	1

Lamp with striking voltage of 0.7 - 1KV.

NOTES: the products are supplied complete with Wieland male connector already wired on the product and equipped with cable L=1m complete with Wieland female connector.

DIFFUSED OPTICS

GW83645M



WIRED VERSIONS WITH P.F. CORRECTION, COMPLETE WITH LAMP - IP65 - CLASS I

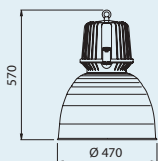
Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 83 645 M	250 W	ME*	E40	2.2 A	Graphite grey	12.1	1
GW 83 650 M	400 W	ME*	E40	3.4 A	Graphite grey	12.8	1

Lamp with striking voltage of 0.7 - 1KV.

NOTES: the products are supplied complete with Wieland male connector already wired on the product and equipped with cable L=1m complete with Wieland female connector.

HALLE TS - TRANSPARENT OPTICS

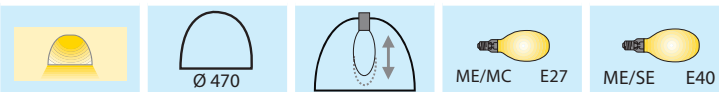
OPEN OPTIC



GW83401



WIRED VERSIONS WITH P.F. CORRECTION - IP23 OPTICAL COMPARTMENT - IP65 ACCESSORIES COMPARTMENT - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230V - 50Hz							
GW 83 401	150 W	ME - MC	E27	1.8 A	Aluminium	7.5	1
GW 83 403	250 W	ME/SE	E40	3 A	Aluminium	8.8	1
GW 83 404	250 W	ME*	E40	2.2 A	Aluminium	7.7	1
GW 83 406	400 W	ME/SE	E40	4.2 A	Aluminium	9.9	1
GW 83 407	400 W	ME*	E40	3.4 A	Aluminium	8.7	1

Lamp with 0,7 ÷ 1kV striking voltage.

GW83517



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 83 517	150 W	-	E27		Aluminium	5.2	1
GW 83 518	400 W	-	E40		Aluminium	5.2	1

GW83546F

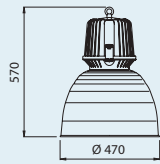


WIRED VERSIONS WITH P.F. CORRECTION, COMPLETE WITH LAMPS - IP23 - OPTICAL COMPARTMENT IP65 ACCESSORIES COMPARTMENT - CLASS I - ELECTRONIC POWER SUPPLY



Code	Lamp power	Lamp supplied	Lamp holder	Temperature of colour	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 83 546 F	120 W	FSM	2G8	3000 K	Aluminium	6.3	1
GW 83 547 F	120 W	FSM	2G8	4000 K	Aluminium	6.3	1

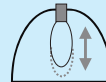
WITH PMMA BOWL



GW83476



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230V - 50Hz							
GW 83 476	150 W	ME - MC	E27	1.8 A	Aluminium	8.8	1
GW 83 478	250 W	ME/SE	E40	3 A	Aluminium	10.1	1
GW 83 479	250 W	ME*	E40	2.2 A	Aluminium	9	1
GW 83 481	400 W	ME/SE	E40	4.2 A	Aluminium	11.2	1
GW 83 482	400 W	ME*	E40	3.4 A	Aluminium	10	1

Lamp with 0,7 + 1KV striking voltage.

COMPLEMENTARY ITEMS

GW84983



ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 83 537	Kit bowl PMMA		1.3	1
GW 84 983	PMMA bowl	Ø 470 x h 45	0.6	1/5

CHARACTERISTICS: kit GW83537 is composed by PMMA bowl, closing ring and gasket.

GW83538



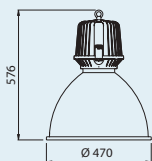
ROSE FOR CEILING-MOUNTING

Code	Max length (m)	Conf. Imb.
GW 83 538	1.5	1

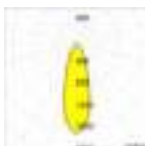
ACCESSORIES SUPPLIED: supply terminal, 3-pole cable L=1.6m.

HALLE TS - STANDARD OPTIC

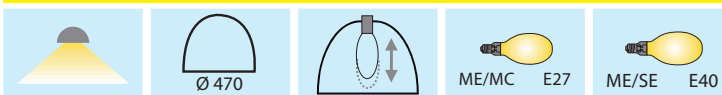
OPEN OPTIC



GW83301



WIRED VERSIONS WITH P.F. CORRECTION - IP23 OPTICAL COMPARTMENT - IP65 ACCESSORIES COMPARTMENT - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230V - 50HZ							
GW 83 301	150 W	ME - MC	E27	1.8 A	Aluminium	6.7	1
GW 83 303	250 W	ME/SE	E40	3 A	Aluminium	7.5	1
GW 83 304	250 W	ME*	E40	2.2 A	Aluminium	6.7	1
GW 83 306	400 W	ME/SE	E40	4.2 A	Aluminium	8.7	1
GW 83 307	400 W	ME*	E40	3.4 A	Aluminium	7.3	1

Lamp with 0,7 ÷ 1KV striking voltage.

GW83509



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 83 509	150 W	-	E27		Aluminium	4.1	1
GW 83 510	400 W	-	E40		Aluminium	4.1	1

GW83541F

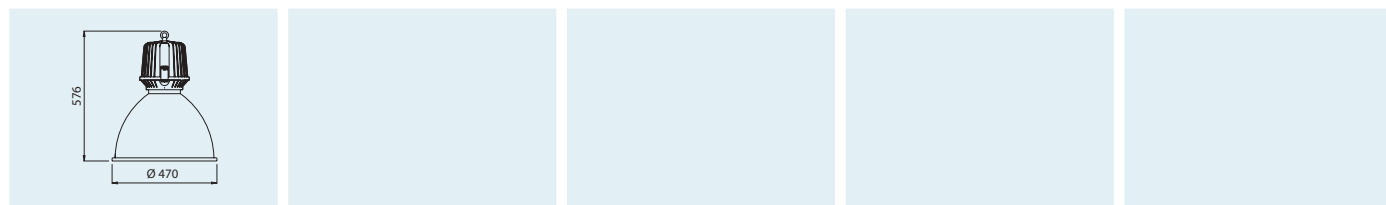


WIRED VERSIONS WITH P.F. CORRECTION - IP23 - OPTICAL COMPARTMENT - IP65 - ACCESSORIES COMPARTMENT - CLASS I - ELECTRONIC POWER SUPPLY

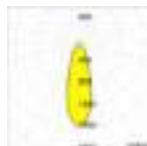


Code	Lamp power	Lamp supplied	Lamp holder	Colour	Temperature of colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 83 541 F	120 W	FSM	2G8	Aluminium	3000 K	4.9	1
GW 83 542 F	120 W	FSM	2G8	Aluminium	4000 K	4.9	1

WITH GLASS



GW83326



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230V - 50Hz							
GW 83 326	150 W	ME - MC	E27	1.8 A	Aluminium	9	1
GW 83 328	250 W	ME/SE	E40	3 A	Aluminium	9.8	1
GW 83 329	250 W	ME*	E40	2.2 A	Aluminium	9	1
GW 83 331	400 W	ME/SE	E40	4.2 A	Aluminium	11	1
GW 83 332	400 W	ME*	E40	3.4 A	Aluminium	9.6	1

Lamp with 0,7 + 1KV striking voltage.

COMPLEMENTARY ITEMS

GW83531



ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 83 531	IP65 kit glass		2.3	1
GW 84 820	Tempered glass	Ø 470 x h 4	2.1	1

CHARACTERISTICS: GW83531 the kit includes glass, closing ring and gasket.

GW83538

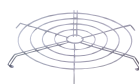


CEILING FIXING ROSE

Code	Max length (m)	Conf. Imb.
GW 83 538	1.5	1

ACCESSORIES SUPPLIED: supply terminal, 3-pole cable L=1.6m.

GW84814



PROTECTIVE WIRE GUARD

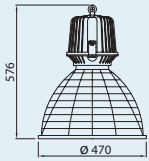
Code	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 84 814	Ø 475 x h 50	0.5	5

CHARACTERISTICS: clip fixing on the device.

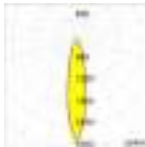
NOTES: protective wire guard to be used in versions with open optics, or optics closed with glass.

HALLE TS - PRISMATIZED OPTICS

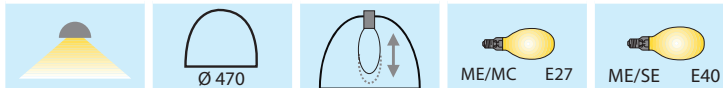
OPEN OPTIC



GW83426



WIRED VERSIONS WITH P.F. CORRECTION - IP23 OPTICAL COMPARTMENT - IP65 ACCESSORIES COMPARTMENT - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 83 426	150 W	ME - MC	E27	1.8 A	Aluminium	6.7	1
GW 83 428	250 W	ME/SE	E40	3 A	Aluminium	7.5	1
GW 83 429	250 W	ME*	E40	2.2 A	Aluminium	6.7	1
GW 83 431	400 W	ME/SE	E40	4.2 A	Aluminium	8.7	1
GW 83 432	400 W	ME*	E40	3.4 A	Aluminium	7.3	1

Lamp with 0,7 ÷ 1KV striking voltage.

GW83521



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 83 521	150 W	-	E27	-	Aluminium	4.1	1
GW 83 522	400 W	-	E40	-	Aluminium	4.1	1

GW83551F

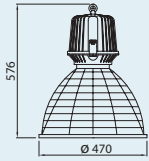


WIRED VERSIONS WITH P.F. CORRECTION - IP23 OPTICAL COMPARTMENT - IP65 ACCESSORIES COMPARTMENT - CLASS I - ELECTRONIC POWER SUPPLY



Code	Lamp power	Lamp supplied	Lamp holder	Colour	Temperature of colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 83 551 F	120 W	FSM	2G8	Aluminium	3000 K	4.9	1
GW 83 552 F	120 W	FSM	2G8	Aluminium	4000 K	4.9	1

WITH GLASS



GW83451



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 83 451	150 W	ME - MC	E27	1.8 A	Aluminium	9	1
GW 83 453	250 W	ME/SE	E40	3 A	Aluminium	9.8	1
GW 83 454	250 W	ME*	E40	2.2 A	Aluminium	9	1
GW 83 456	400 W	ME/SE	E40	4.2 A	Aluminium	11	1
GW 83 457	400 W	ME*	E40	3.4 A	Aluminium	9.6	1

Lamp with 0,7 + 1KV striking voltage.

COMPLEMENTARY ITEMS

GW83531



ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 83 531	IP65 kit glass		2.3	1
GW 84 820	Tempered glass	Ø 470 x h 4	2.1	1

CHARACTERISTICS: GW83531 the kit includes glass, closing ring and gasket.

GW83538

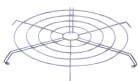


CEILING FIXING ROSE

Code	Description	Max length (m)	Conf. Imb.
GW 83 538	Ceiling fixing rose	1.5	1

ACCESSORIES SUPPLIED: supply terminal, 3-pole cable L=1.6m.

GW84814



PROTECTIVE WIRE GUARD

Code	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 84 814	Ø 475 x h 50	0.5	5

CHARACTERISTICS: clip fixing on the device.

NOTES: protective wire guard to be used in versions with open optics, or optics closed with glass.

KONO range

Watertight high bays

Watertight suspension high bay with limited surface temperature.

- Possible use in high-height environments (8-12m).
- Lamp focus adjustable to 8 different focal positions.
- Body and glass holding system during maintenance.



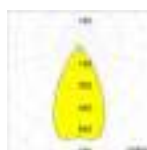


STANDARD VERSION



VARIABLE FOCUS OPTIC WITH GLASS

GW84803S



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 84 803 S	250 W	SE	E40	3 A	Grey RAL 7035	11.6	1
GW 84 803 M	250 W	ME	E40	3 A	Grey RAL 7035	11.6	1
GW 84 826 M	250 W	ME*	E40	2.2 A	Grey RAL 7035	10.5	1
GW 84 805 S	400 W	SE	E40	4.2 A	Grey RAL 7035	12.7	1
GW 84 805 M	400 W	ME	E40	4.2 A	Grey RAL 7035	12.7	1
GW 84 827 M	400 W	ME*	E40	3.4 A	Grey RAL 7035	11.5	1

Lamp with striking voltage of $0.7 \div 1kV$.

GW84871



NON-WIRED VERSIONS

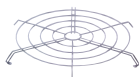


Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 871	400 W		E40		Grey RAL 7035	8.3	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. Devices are supplied with standard service items.

COMPLEMENTARY ITEMS

GW84814



PROTECTIVE WIRE GUARD

Code	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 84 814	Ø 475 x h 50	0.5	5

CHARACTERISTICS: clip fixing on the device.

GW84791



SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 88 211	Glass for hooks	Ø 455 x h 4	1.8	1/2
GW 88 224	Glass for ring	Ø 455 x h 4	1.6	1/5
GW 84 791	Closing trim		1	1

HERCULES range

High bays

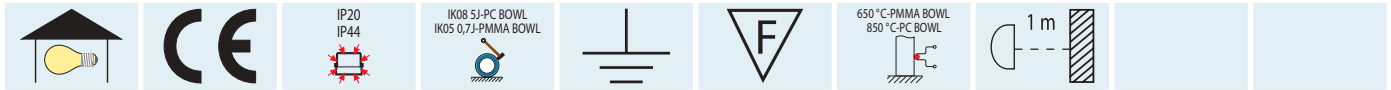
Industrial suspension high bay in stamped and painted steel.

- Possibility of increasing the optic compartment's protection class up to IP44.
- Versions with smooth or striped aluminium optic, or Plexiglas transparent optic.
- Enhanced safety with the special explosion-proof capacitors inserted in maximum power versions.
- Excellent quality-price ratio.

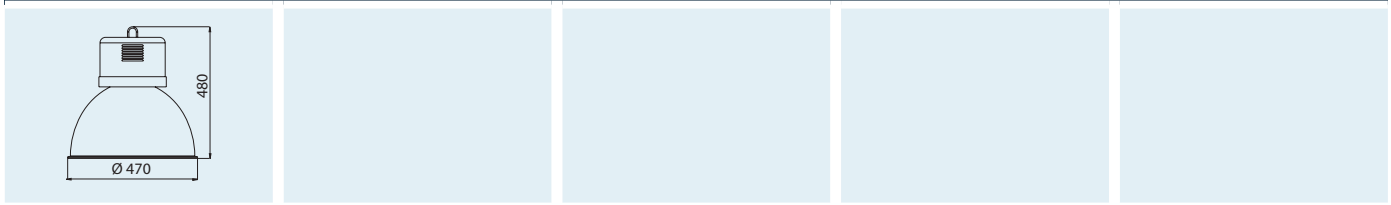


HERCULES RANGE

HIGH BAYS



STANDARD OPTIC

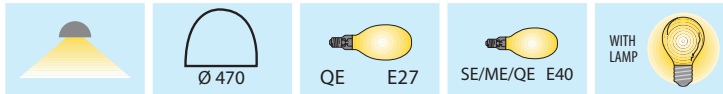


OPEN OPTIC



GW84106M

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP20 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 84 101 Q	125 W	QE	E27	1.15 A	Graphite grey	5.2	1
GW 84 102 Q	250 W	QE	E40	2.2 A	Graphite grey	6.4	1
GW 84 103 Q	400 W	QE	E40	3.2 A	Graphite grey	7.1	1
GW 84 104 S	250 W	SE	E40	3 A	Graphite grey	7.3	1
GW 84 104 M	250 W	ME	E40	3 A	Graphite grey	7.3	1
GW 84 105 M	250 W	ME*	E40	2.2 A	Graphite grey	6.5	1
GW 84 106 S	400 W	SE	E40	4.2 A	Graphite grey	8.7	1
GW 84 106 M	400 W	ME	E40	4.2 A	Graphite grey	8.7	1
GW 84 107 M	400 W	ME*	E40	3.4 A	Graphite grey	7.2	1

Lamp with striking voltage of 0.7 - 1kV.

Assembling the special kit (GW84982), it is possible to make the optical compartment IP44.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield (glass) as this is required by the type of lamp installed.



GW84121

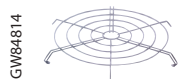
NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 121	400 W	-	E40		Graphite grey	4	1
GW 84 122	125 W	-	E27		Graphite grey	4	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. The devices are supplied with the kit of standard accessories.

COMPLEMENTARY ITEMS



GW84814

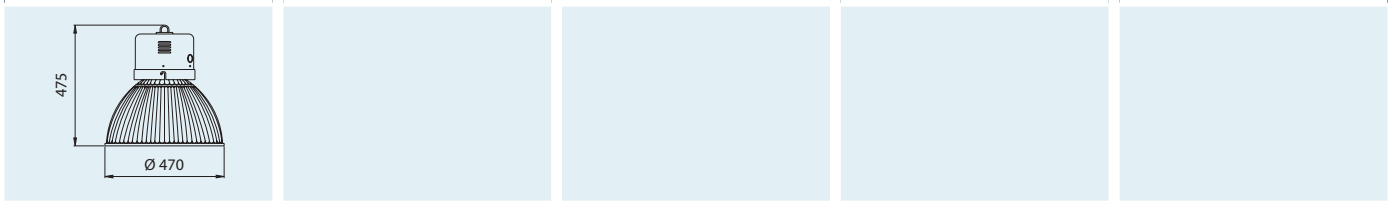
ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 84 982	IP44 kit with glass		2.6	1/4
GW 84 820	Tempered glass	Ø 470 x h 4	2.1	1
GW 84 814	Protective wire guard	Ø 475 x h 50	0.5	5
GW 84 818	Cup closing trim		0.3	25

CHARACTERISTICS: GW84814 clip fixing on the device.

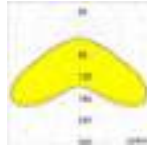
NOTES: GW84814 protective wire guard to be used in versions with open optics, or optics closed with glass. KIT GW84982 consisting of tempered glass, gasket, closing ring and lampholder protection plate.

STRIPED OPTICS

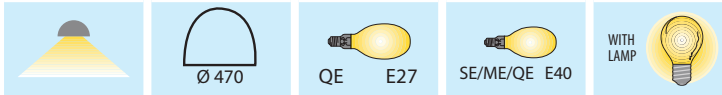


OPEN OPTIC

GW84885M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP20 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 84 880 Q	125 W	QE	E27	1.15 A	Grey RAL 7035	5.2	1
GW 84 881 Q	250 W	QE	E40	2.2 A	Grey RAL 7035	6.4	1
GW 84 882 Q	400 W	QE	E40	3.2 A	Grey RAL 7035	7.1	1
GW 84 883 S	250 W	SE	E40	3 A	Grey RAL 7035	7.3	1
GW 84 883 M	250 W	ME	E40	3 A	Grey RAL 7035	7.3	1
GW 84 886 M	250 W	ME*	E40	2.2 A	Grey RAL 7035	6.5	1
GW 84 885 S	400 W	SE	E40	4.2 A	Grey RAL 7035	8.7	1
GW 84 885 M	400 W	ME	E40	4.2 A	Grey RAL 7035	8.7	1
GW 84 887 M	400 W	ME*	E40	3.4 A	Grey RAL 7035	7.2	1
VOLTAGE: 240 V - 50 Hz							
GW 84 890 Q	125 W	QE	E27	1.15 A	Grey RAL 7035	5.2	1
GW 84 891 Q	250 W	QE	E40	2.2 A	Grey RAL 7035	6.4	1
GW 84 892 Q	400 W	QE	E40	3.2 A	Grey RAL 7035	7.1	1
GW 84 893 S	250 W	SE	E40	3 A	Grey RAL 7035	7.3	1
GW 84 893 M	250 W	ME	E40	3 A	Grey RAL 7035	7.3	1
GW 84 896 M	250 W	ME*	E40	2.2 A	Grey RAL 7035	6.5	1
GW 84 895 S	400 W	SE	E40	4.2 A	Grey RAL 7035	8.7	1
GW 84 895 M	400 W	ME	E40	4.2 A	Grey RAL 7035	8.7	1
GW 84 897 M	400 W	ME*	E40	3.4 A	Grey RAL 7035	7.2	1

Lamp with striking voltage of 0.7 ÷ 1kV.

Assembling the special kit (GW84981 - GW84982 - GW84984), it is possible to make the optical compartment IP44.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield (glass or bowl) as this is required by the type of lamp installed.

GW84873



NON-WIRED VERSIONS

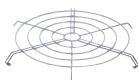


Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 84 873	400 W		E40		Grey RAL 7035	4	1
GW 84 878	125 W		E27		Grey RAL 7035	4	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. The devices are supplied with the kit of standard accessories.

COMPLEMENTARY ITEMS

GW84814



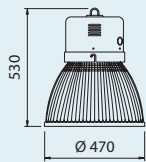
ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	For lamps	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 84 982	IP44 kit with glass			2.6	1/4
GW 84 981	IP44 kit with PC bowl	Max 250 W		1.6	1/4
GW 84 984	IP44 kit with PMMA bowl	Max 250 W		1.7	1/4
GW 84 820	Tempered glass		Ø 470 x h 4	2.1	1
GW 84 819	PC Bowl	Max 250 W	Ø 470 x h 45	0.6	5
GW 84 983	PMMA bowl	Max 250 W	Ø 470 x h 45	0.6	1/5
GW 84 814	Protective wire guard		Ø 475 x h 50	0.5	5
GW 84 818	Cup closing trim			0.3	25

CHARACTERISTICS: GW84814 clip fixing on the device.

NOTES: GW84814 protective wire guard to be used in versions with open optics, or optics closed with glass. KIT consisting of glass/bowl, gasket, closing ring and lampholder protection plate.

TRANSPARENT OPTICS

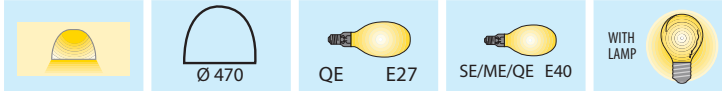


OPEN OPTIC

GW85896M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP20 - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 85 891 Q	125 W	QE	E27	1.15 A	Grey RAL 7035	6.8	1
GW 85 892 Q	250 W	QE	E40	2.2 A	Grey RAL 7035	8.2	1
GW 85 893 Q	400 W	QE	E40	3.2 A	Grey RAL 7035	8.7	1
GW 85 894 S	250 W	SE	E40	3 A	Grey RAL 7035	9.1	1
GW 85 894 M	250 W	ME	E40	3 A	Grey RAL 7035	9.1	1
GW 85 895 M	250 W	ME*	E40	2.2 A	Grey RAL 7035	8.3	1
GW 85 896 S	400 W	SE	E40	4.2 A	Grey RAL 7035	10.5	1
GW 85 896 M	400 W	ME	E40	4.2 A	Grey RAL 7035	10.5	1
GW 85 897 M	400 W	ME*	E40	3.4 A	Grey RAL 7035	9	1

Lamp with striking voltage of 0.7 ÷ 1 kV.

The versions supplied with metal halides lamps ME - 250W / 400W must be completed with the protection shield (bowl) as this is required by the type of lamp installed.

GW85934



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 934	125 W	-	E27		Grey RAL 7035	5.8	1
GW 85 933	400 W	-	E40		Grey RAL 7035	5.8	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. Devices are supplied with standard service items.

COMPLEMENTARY ITEMS

GW84983



ACCESSORIES FOR CLOSING THE OPTICAL COMPARTMENT

Code	Description	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 83 537	Kit bowl PMMA		1.3	1
GW 84 983	PMMA bowl	Ø 470 x h 45	0.6	1/5

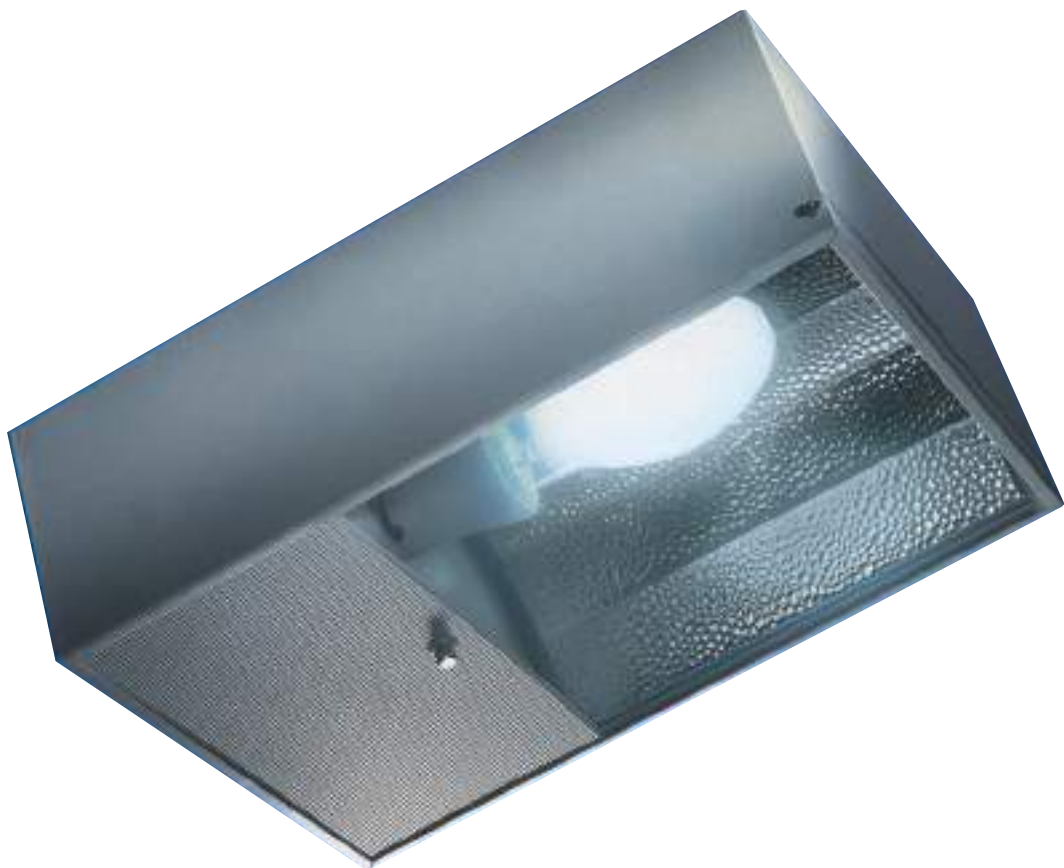
CHARACTERISTICS: kit GW83537 is composed by PMMA bowl, closing ring and gasket.

FRIBAY range

Low bays

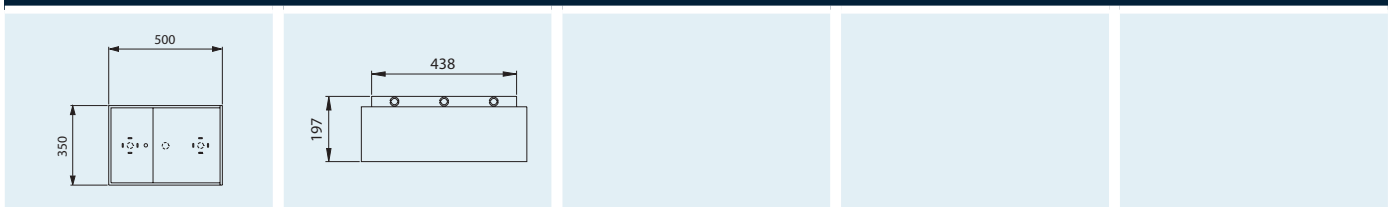
Ceiling-mounting rectangular low bays.

- Diffused optics in symmetrical and asymmetrical version.
- Installation possible in false ceilings for versions of up to 250W power.
- Versions with auxiliary halogen lamp available.



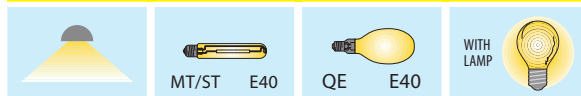


FRIBAY



SYMMETRICAL DIFFUSED OPTICS

WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP21 OPTICS COMPARTMENT IP41 ACCESSORIES COMPARTMENT - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 85 941 Q	250 W	QE	E40	2.2 A	Grey RAL 7035	9.8	1
GW 85 942 S	250 W	ST	E40	3 A	Grey RAL 7035	10.9	1
GW 85 942 M	250 W	MT	E40	3 A	Grey RAL 7035	10.9	1
GW 85 943 M	250 W	MT*	E40	2.2 A	Grey RAL 7035	10.3	1
GW 85 944 S	400 W	ST	E40	4.2 A	Grey RAL 7035	11.7	1
GW 85 944 M	400 W	MT	E40	4.2 A	Grey RAL 7035	11.7	1
GW 85 945 M	400 W	MT*	E40	3.4 A	Grey RAL 7035	10.6	1

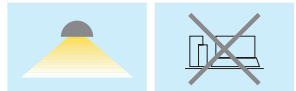
Lamp with striking voltage of 0.7 - 1KV.

Using the accessory GW88259, it is possible to make the optical compartment IP41.

The versions supplied with metal iodide lamps MT - 250W / 400W must be completed with the protection shield (glass) as this is required by the type of lamp installed.



NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 931	400 W	-	E40		Grey RAL 7035	7.5	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. The device is supplied with the kit of standard accessories.



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMPS - IP21 OPTICAL COMPARTMENT IP41 ACCESSORIES COMPARTMENT - CLASS I - COMMUTATION FOR AUXILIARY HALOGEN LAMP



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 85 947 S	250 W	ST	E40	3 A	Grey RAL 7035	11.2	1
GW 85 947 M	250 W	MT	E40	3 A	Grey RAL 7035	11.2	1
GW 85 948 M	250 W	MT*	E40	2.2 A	Grey RAL 7035	10.6	1
GW 85 949 S	400 W	ST	E40	4.2 A	Grey RAL 7035	12	1
GW 85 949 M	400 W	MT	E40	4.2 A	Grey RAL 7035	12	1
GW 85 950 M	400 W	MT*	E40	3.4 A	Grey RAL 7035	10.9	1

Lamp with striking voltage of 0.7 - 1KV.

NOTES: halogen lamp not supplied (E27 max 250W).

Using the accessory GW88259, it is possible to make the optical compartment IP41.

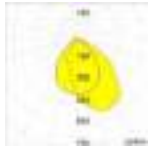
The switching device guarantees the continuity of the light emission if the discharge lamp is switched on again when hot.

The auxiliary halogen lamp is switched on until the complete emission of the main lamp has been reset.

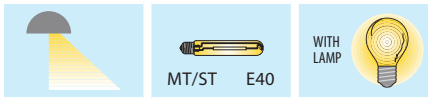
The versions supplied with metal iodide lamps MT - 250W / 400W must be completed with the protection shield (glass) as this is required by the type of lamp installed.

ASYMMETRICAL DIFFUSED OPTICS

GW85972M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP IP21 OPTICS COMPARTMENT IP41 ACCESSORIES COMPARTMENT - CLASS I



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 85 972 S	250 W	ST	E40	3 A	Grey RAL 7035	10.9	1
GW 85 972 M	250 W	MT	E40	3 A	Grey RAL 7035	10.9	1
GW 85 973 M	250 W	MT*	E40	2.2 A	Grey RAL 7035	10.3	1
GW 85 974 S	400 W	ST	E40	4.2 A	Grey RAL 7035	11.7	1
GW 85 974 M	400 W	MT	E40	4.2 A	Grey RAL 7035	11.7	1
GW 85 975 M	400 W	MT*	E40	3.4 A	Grey RAL 7035	10.6	1

Lamp with striking voltage of 0.7 - 1KV.

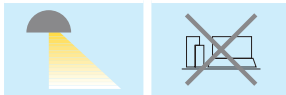
Using the accessory GW88259, it is possible to make the optical compartment IP41.

The versions supplied with metal iodide lamps MT - 250W / 400W must be completed with the protection shield (glass) as this is required by the type of lamp installed.

GW85932



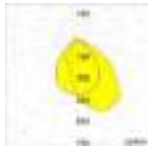
NON-WIRED VERSION



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 85 932	400 W	-	E40		Grey RAL 7035	7.5	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. The devices are supplied with the kit of standard accessories.

GW85977M



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP21 OPTICS COMPARTMENT IP41 ACCESSORIES COMPARTMENT - CLASS I - COMMUTATION DEVICE FOR AUXILIARY HALOGEN LAMP



Code	Lamp power	Lamp supplied	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 85 977 S	250 W	ST	E40	3 A	Grey RAL 7035	11.2	1
GW 85 977 M	250 W	MT	E40	3 A	Grey RAL 7035	11.2	1
GW 85 978 M	250 W	MT*	E40	2.2 A	Grey RAL 7035	10.6	1
GW 85 979 S	400 W	ST	E40	4.2 A	Grey RAL 7035	12	1
GW 85 979 M	400 W	MT	E40	4.2 A	Grey RAL 7035	12	1
GW 85 980 M	400 W	MT*	E40	3.4 A	Grey RAL 7035	10.9	1

Lamp with striking voltage of 0.7 - 1KV.

NOTES: halogen lamp not supplied (E27 max 250W).

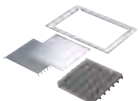
Using the accessory GW88259, it is possible to make the optical compartment IP41.

The switching device guarantees the continuity of the light emission if the discharge lamp is switched on again when hot.

The auxiliary halogen lamp is switched on until the complete emission of the main lamp has been reset.

The versions supplied with metal iodide lamps MT - 250W / 400W must be completed with the protection shield (glass) as this is required by the type of lamp installed.

COMPLEMENTARY ITEMS



COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Outer dim. LxHxD (mm)	Weight (kg)	Conf. Imb.
GW 84 815	Anti-glare louvre	350x325x40	0.4	5
GW 84 816	Flush-mounting frame	595x410x20	1.1	3
GW 84 817	Protective wire guard	344x310x16	0.4	5
GW 88 259	Tempered glass	342x335x5	1.3	1/5

NOTE: GW84816 for use with articles with lamp max. 250 W.

ZNT range

Watertight professional polycarbonate ceiling-mounting luminaires

Watertight polycarbonate ceiling-mounting luminaires

Higher efficiency, savings up to 20% on the number of devices installed.

- IP65 protection class.
- Energy savings with versions for compact fluorescent lamps 4x55W.
- Light-emitting efficiency optimised in relation to the installation height, achievable through the addition of a restricted beam high bay.
- ATEX versions available.



ZNT RANGE

WATERTIGHT PROFESSIONAL POLYCARBONATE CEILING MOUNTING LUMINAIRES



ZNT



DIFFUSED REFLECTOR



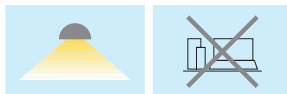
WIRED VERSIONS WITH P.F. CORRECTION- IP65 - CLASS I



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 80 001	1	18 W	FD	G13	680x112x135	2	1/28
GW 80 002	1	36 W	FD	G13	1290x112x135	3	1/28
GW 80 003	1	58 W	FD	G13	1590x112x135	4.2	1/28
GW 80 004	2	18 W	FD	G13	680x112x195	2.5	1/20
GW 80 005	2	36 W	FD	G13	1290x112x195	4.5	1/20
GW 80 006	2	58 W	FD	G13	1590x112x195	6	1/20
VOLTAGE: 240 V - 50 Hz							
GW 80 071	1	18 W	FD	G13	680x112x135	2	1/28
GW 80 072	1	36 W	FD	G13	1290x112x135	3	1/28
GW 80 073	1	58 W	FD	G13	1590x112x135	4.2	1/28
GW 80 074	2	18 W	FD	G13	680x112x195	2.5	1/20
GW 80 075	2	36 W	FD	G13	1290x112x195	4.5	1/20
GW 80 076	2	58 W	FD	G13	1590x112x195	6	1/20
VOLTAGE: 220 V - 60 Hz							
GW 80 041	1	18 W	FD	G13	680x112x135	2	1/28
GW 80 042	1	36 W	FD	G13	1290x112x135	3	1/28
GW 80 043	1	58 W	FD	G13	1590x112x135	4.2	1/28
GW 80 044	2	18 W	FD	G13	680x112x195	2.5	1/20
GW 80 045	2	36 W	FD	G13	1290x112x195	4.5	1/20
GW 80 046	2	58 W	FD	G13	1590x112x195	6	1/20



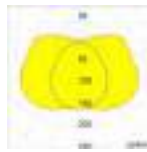
NON-WIRED VERSIONS



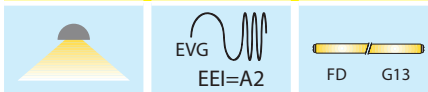
Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Conf. lmb.
GW 80 101	1	18 W	FD	G13	680x112x135	1.3	1/28
GW 80 102	1	36 W	FD	G13	1290x112x135	2.6	1/28
GW 80 103	1	58 W	FD	G13	1590x112x135	3.1	1/28
GW 80 104	2	18 W	FD	G13	680x112x195	1.9	1/20
GW 80 105	2	36 W	FD	G13	1290x112x195	3.4	1/20
GW 80 106	2	58 W	FD	G13	1590x112x195	4.1	1/20

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. Devices are supplied with standard service items.

GW80142

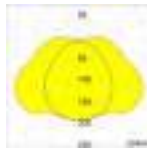


WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I - ELECTRONIC POWER SUPPLY

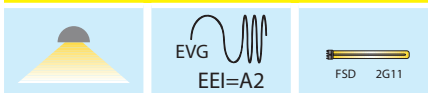


Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 80 141	1	18 W	FD	G13	680x112x135	1.6	1/28
GW 80 142	1	36 W	FD	G13	1290x112x135	2.9	1/28
GW 80 143	1	58 W	FD	G13	1590x112x135	3.4	1/28
GW 80 144	2	18 W	FD	G13	680x112x195	2.2	1/20
GW 80 145	2	36 W	FD	G13	1290x112x195	3.7	1/20
GW 80 146	2	58 W	FD	G13	1590x112x195	4.4	1/20

GW80193



WIRED VERSIONS WITH P.F. CORRECTION- IP65 - CLASS I - ELECTRONIC POWER SUPPLY

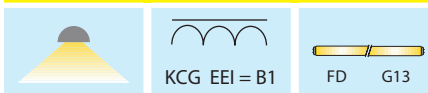


Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 80 191	1	55 W	FSD	2G11	680x112x135	1.8	1/28
GW 80 192	2	55 W	FSD	2G11	680x112x195	2.3	1/20
GW 80 193	2	55 W	FSD	2G11	1290x112x135	3	1/28
GW 80 194	2	80 W	FSD	2G11	1290x112x135	3.3	1/28
GW 80 195	4	55 W	FSD	2G11	1290x112x195	4.2	1/20

GW80155



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I - POWER SUPPLY WITH LOW LOSSES LEVEL



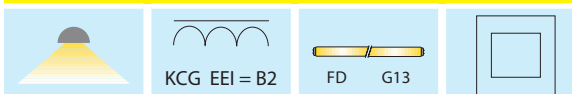
Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 80 151	1	18 W	FD	G13	680x112x135	2	1/28
GW 80 152	1	36 W	FD	G13	1290x112x135	3	1/28
GW 80 153	1	58 W	FD	G13	1590x112x135	4.2	1/28
GW 80 154	2	18 W	FD	G13	680x112x195	2.5	1/20
GW 80 155	2	36 W	FD	G13	1290x112x195	4.5	1/20
GW 80 156	2	58 W	FD	G13	1590x112x195	6	1/20

CHARACTERISTICS: low loss ballasts. Quick interruption fuse. Deos starter.

GW80162



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 80 161	1	18 W	FD	G13	680x112x135	2.1	1/28
GW 80 162	1	36 W	FD	G13	1290x112x135	3.1	1/28
GW 80 163	1	58 W	FD	G13	1590x112x135	4.3	1/28
GW 80 164	2	18 W	FD	G13	680x112x195	2.6	1/20
GW 80 165	2	36 W	FD	G13	1290x112x195	4.6	1/20
GW 80 166	2	58 W	FD	G13	1590x112x195	6.1	1/20

CHARACTERISTICS: reinforced insulation cables. No earthing devices.

RAPID WIRING

GW80035F



WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP65 - CLASS I



KCG EEI = B2

FD G13

WITH LAMP

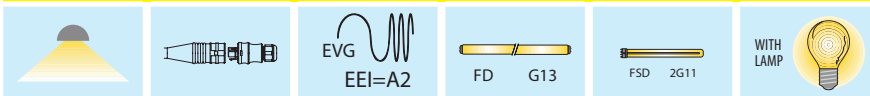
Code	No. of lamps	Lamp power	Lamp supplied	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 80 034 F	2	18 W	FD	G13	680x112x195	3	1/20
GW 80 035 F	2	36 W	FD	G13	1290x112x195	5	1/20
GW 80 036 F	2	58 W	FD	G13	1590x112x195	6.5	1/20

NOTES: the products are supplied complete with Wieland male connector already wired on the ceiling-mounting luminaire and equipped with cable L=1m complete with Wieland-type female connector.

GW80485F



WIRED VERSIONS WITH P.F. CORRECTION, COMPLETE WITH LAMPS - IP65 - CLASS I - ELECTRONIC POWER SUPPLY



EVG
EEI=A2

FD G13

FSD 2G11


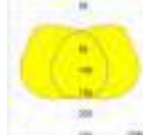

WITH LAMP

Code	No. of lamps	Lamp power	Lamp supplied	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 80 485 F	2	36 W	FD	G13	1290x112x195	4.2	1/20
GW 80 486 F	2	58 W	FD	G13	1590x112x195	4.9	1/20
GW 80 494 F	2	80 W	FSD	2G11	1290x112x135	3.8	1/28
GW 80 495 F	4	55 W	FSD	2G11	1290x112x195	4.7	1/20

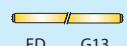
NOTES: the products are supplied complete with Wieland male connector already wired on the ceiling-mounting luminaire and equipped with cable L=1m complete with Wieland female connector.

EMERGENCY VERSIONS

ZNT - NM - IP65 - CLASS I



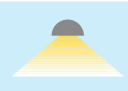
EMERGENCY



FD G13


Code	No. of lamps	Lamp power	Lamp	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz								
GW 80 361	1	18 W	FD	Ni-Cd	1 h	340	2	1
GW 80 362	1	18 W	FD	Ni-Cd	3 h	430	2.4	1
GW 80 364	1	36 W	FD	Ni-Cd	3 h	550	3.5	1
GW 80 366	1	58 W	FD	Ni-Cd	3 h	850	4	1

ZNT - M - IP65 - CLASS I

KCG EEI = B2

EMERGENCY






FD G13

Code	No. of lamps	Lamp power	Lamp	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz								
GW 80 372	1	36 W	FD	Ni-Cd	1 h	410	3.7	1
GW 80 374	1	58 W	FD	Ni-Cd	1 h	630	4.9	1
GW 80 371	2	18 W	FD	Ni-Cd	1 h	340	3.2	1
GW 80 373	2	36 W	FD	Ni-Cd	1 h	410	5.2	1
GW 80 375	2	58 W	FD	Ni-Cd	1 h	630	6.7	1


CHARACTERISTICS: one lamp only functions in case of emergency.

ZNT - M - IP65 - CLASS I - ELECTRONIC POWER SUPPLY

EVG A2

EMERGENCY




FSD 2G11

Code	No. of lamps	Lamp power	Lamp	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz								
GW 80 198	2	55 W	FSD	Ni-Cd	1 h	384	3.7	1

CHARACTERISTICS: in emergency mode, only one lamp works.
Dimensions: 1290 x 112 x 135mm.

COMPLEMENTARY ITEMS


RESTRICTED BEAM REFLECTORS



Code	No. of lamps	Lamp power	For luminaires AxBxC (mm)	Weight (kg)	Conf. lmb.
GW 80 542	1	36 W	1290x112x135	0.3	30
GW 80 545	2	36 W	1290x112x195	0.3	30
GW 80 543	1	58 W	1590x112x135	0.3	30
GW 80 546	2	58 W	1590x112x195	0.4	30
GW 80 547	2	55 - 80 W	1290x112x135	0.3	30
GW 80 548	4	55 W	1290x112x195	0.3	30

CHARACTERISTICS: material: aluminium 99.85 polished and oxidised. Directly fixed on the diffuser without using any tools.

SPARE PARTS



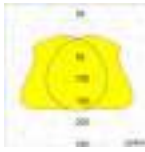
Code	Description	Conf. lmb.
GW 80 131	Diffuser 1x18W	1
GW 80 132	Diffuser 1x36W	1
GW 80 133	Diffuser 1x58W	1
GW 80 134	Diffuser 2x18W	1
GW 80 135	Diffuser 2x36W	1
GW 80 136	Diffuser 2x58W	1

NOTE:stainless steel clips for fixing to the shell are included

ZNT ATEX - ZONE 2 (G) - ZONE 22 (D)

ATEX VERSION ZONE 2(G) - ZONE 22D

GW80455



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 80 454	2	18 W	FD	G13	680x112x195	2.6	1/20
GW 80 455	2	36 W	FD	G13	1290x112x195	4.6	1/20
GW 80 456	2	58 W	FD	G13	1590x112x195	6.1	1/20

ATEX CLASSIFICATION: versions with magnetic ballast

2x18W: II 3GD Ex nA T3 - tD A22 IP65 T81°C -20°C < Ta < +25°C - 230V 50Hz

2x36W: II 3GD Ex nA T3 - tD A22 IP65 T78°C -20°C < Ta < +25°C - 230V 50Hz

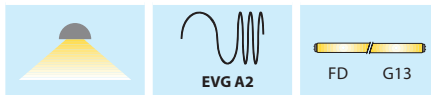
2x58W: II 3GD Ex nA T4 - tD A22 IP65 T88°C -20°C < Ta < +25°C - 230V 50Hz

ATEX VERSION ZONE 22 D

GW80445



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I - ELECTRONIC POWER SUPPLY



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 80 444	2	18 W	FD	G13	680x112x195	2.3	1/20
GW 80 445	2	36 W	FD	G13	1290x112x195	3.8	1/20
GW 80 446	2	58 W	FD	G13	1590x112x195	4.5	1/20

ATEX CLASSIFICATION: versions with electronic power supply

2x18W: II 3D Ex - tD A22 IP65 T85°C -20°C < Ta < +25°C - 220/240V 50/60Hz

2x36W: II 3D Ex - tD A22 IP65 T85°C -20°C < Ta < +25°C - 220/240V 50/60Hz

2x58W: II 3D Ex - tD A22 IP65 T85°C -20°C < Ta < +25°C - 220/240V 50/60Hz

URBAN ARCHITECTURAL

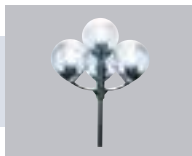


FLOODLIGHT SYSTEMS**MERCURIO
SYSTEM****SATURNO
SYSTEM**

INDIRECT



DIRECT

SATURNO**DEDALO****POLE COMPOSITIONS****PLACE****GLOB**

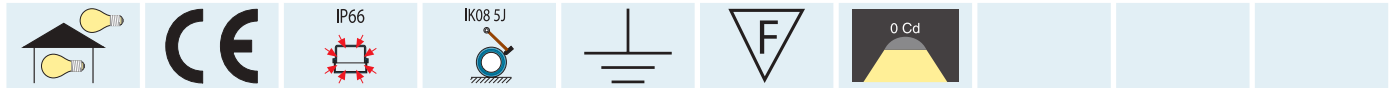
MERCURIO system

Urban architectural lighting systems

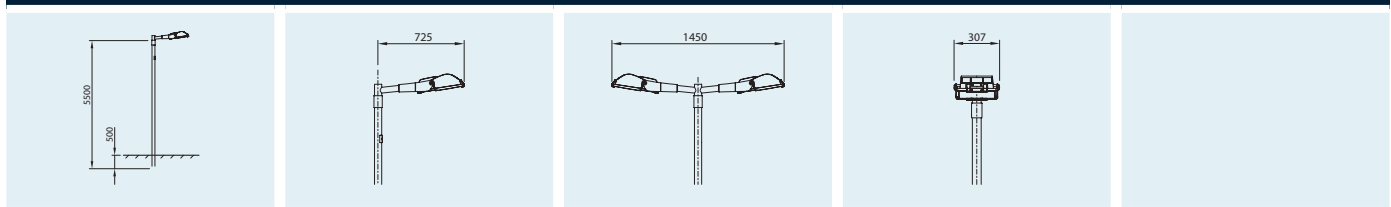
Direct lighting system for urban areas.

- Kits complete with poles, brackets and architectural floodlight painted with polyester powders.
- Die-cast aluminium floodlight.
- Galvanised and painted steel tapered poles.




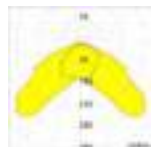


MERCURIO SYSTEM



COMPLETE KITS WITH DIRECT LIGHT FOR URBAN AREAS - CONICAL STEEL POLE

SINGLE KIT - WIRED VERSIONS WITH P.F. CORRECTION - IP66 - CLASS I


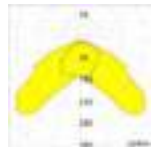
GW84061  

Code	Lamp power	Lamp	Lamp holder	Pole ht. from ground(m)	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 84 061	70 W	MT	G12	5	Graphite grey	54	1

KIT composition:
 1 conical pole, 5.5m, for planting GW84096
 1 Mercurio 70W street floodlight GW84052
 1 single pole head bracket GW84079.

NOTE: poles+bracket+floodlight can also be chosen from the MERCURIO range section.

DOUBLE KIT - WIRED VERSIONS WITH P.F. CORRECTION - IP66 - CLASS I

GW84062  

Code	Lamp power	Lamp	Lamp holder	Pole ht. from ground(m)	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 84 062	70 W	MT	G12	5	Graphite grey	63	1

KIT composition:
 1 conical pole, 5.5m, for planting GW84096
 2 Mercurio 70W street floodlights GW84052
 1 double pole head bracket GW84080

NOTE: poles+bracket+floodlight can also be chosen from the MERCURIO range section.

MERCURIO SYSTEM

SATURNO range

Architectural floodlights and systems

Architectural floodlight for indoor and outdoor use.

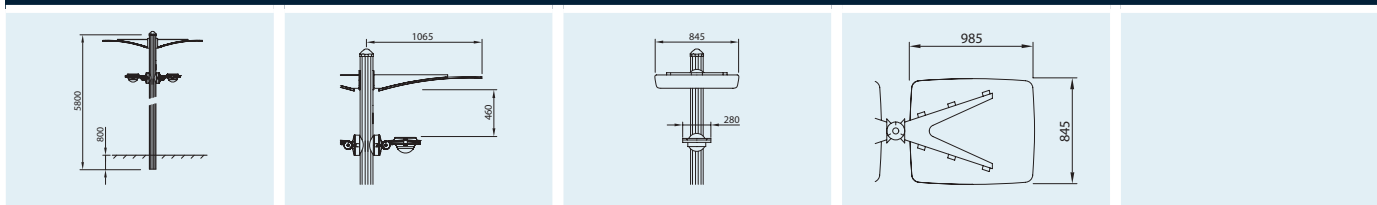
Available with symmetrical, asymmetrical, circular and street optics.

- IP65 protection class.
- Shell entirely in die-cast aluminium painted with polyester powders.
- Precise and easy aiming thanks to the double rotation of the optic compartment.
- Electronic power supply for discharge lamps up to 150W, and compact fluorescent lamps up to 32W.
- Direct or indirect lighting systems for use in the urban environment.
- Versions with monochrome LED technology or RGB.





SATURNO SYSTEM - INDIRECT LIGHT



COMPLETE KITS WITH INDIRECT LIGHT FOR URBAN AREAS - ALUMINIUM POLE WITH SLOTS

SINGLE KIT - WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II

GW85651

Code	Lamp power	Lamp	Lamp holder	Pole ht. from ground(m)	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 651	150 W	MT	G12	5	Graphite grey	50	1

Kit composition

- 1 pole, 5.8m, for planting GW86529
- 1 Saturno 150W symmetrical floodlight GW85603 with optical accessories
- 1 reflective canopy.

NOTE: you are advised to use only lamps with a ceramic burner.

In the event of a blackout, switch off the product and only switch it on again after the lamp has completely cooled down.

DOUBLE KIT - WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II

GW85652

Code	Lamp power	Lamp	Lamp holder	Pole ht. from ground(m)	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 652	150 W	MT	G12	5	Graphite grey	65	1

Kit composition:

- 1 pole, 5.8m, for planting GW86529
- 2 Saturno 150W symmetrical floodlights GW85603 with optical accessories
- 2 reflective canopies.

NOTE: you are advised to use only lamps with a ceramic burner.

In the event of a blackout, switch off the product and only switch it on again after the lamp has completely cooled down.

COMPLETE KITS WITH INDIRECT LIGHT FOR URBAN AREAS - CONICAL STEEL POLE

GW85656



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Pole ht. from ground(m)	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 656	150 W	MT	G12	5	Graphite grey	65	1

Kit composition

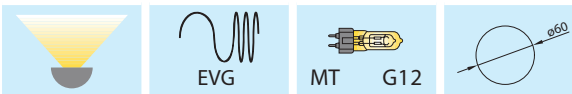
- 1 pole, 5.5m, for planting GW84096
- 1 Saturno 150W symmetrical floodlight GW85603 with optical accessories
- 1 reflective canopy.

NOTE: you are advised to use only lamps with a ceramic burner.
In the event of a blackout, switch off the product and only switch it on again after the lamp has completely cooled down.

GW85657



DOUBLE KIT - WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Pole ht. from ground(m)	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 657	150 W	MT	G12	5	Graphite grey	80	1

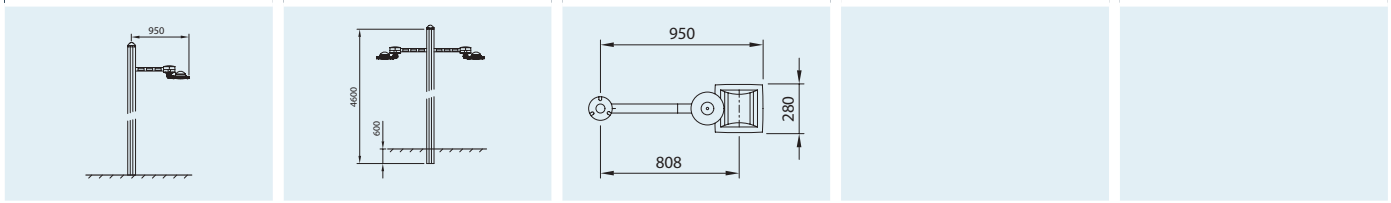
Kit composition

- 1 pole, 5.5m, for planting GW84096
- 2 Saturno 150W symmetrical floodlights GW85603 with optical accessories
- 2 reflective canopies.

NOTE: you are advised to use only lamps with a ceramic burner.
In the event of a blackout, switch off the product and only switch it on again after the lamp has completely cooled down.

SATURNO SYSTEM

SATURNO SYSTEM - DIRECT LIGHT



COMPLETE KITS WITH DIRECT LIGHT FOR URBAN AREAS - ALUMINIUM POLE WITH SLOTS

GW85633



SINGLE KIT - WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Pole ht. from ground(m)	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 633	70 W	MT	G12	4	Graphite grey	30	1

KIT composition:

1 pole, 4.6m, for planting GW86528
1 Saturno 70W street floodlight GW85633
1 extension for pole with cable GW85685.

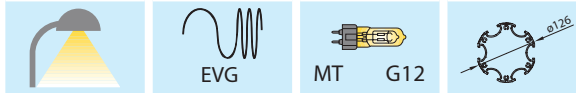
NOTE: you are advised to use only lamps with a ceramic burner.

In the event of a blackout, switch off the product and only switch it on again after the lamp has completely cooled down.
poles+extension/Assembly kit with pole + floodlight can also be chosen from the SATURNO range section.

GW85654



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Pole ht. from ground(m)	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 654	70 W	MT	G12	4	Graphite grey	37	1

KIT composition:

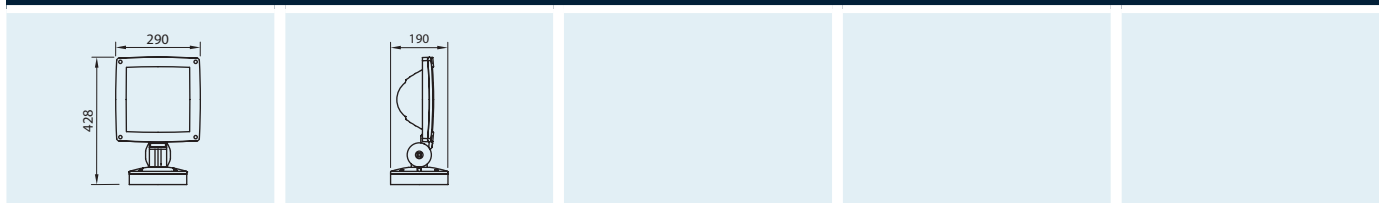
1 pole, 4.6m, for planting GW86528
2 Saturno 70W street floodlights GW85633
2 extensions for pole with cable GW85685.

NOTE: you are advised to use only lamps with a ceramic burner.

In the event of a blackout, switch off the product and only switch it on again after the lamp has completely cooled down.
poles+extension/Assembly kit with pole + floodlight can also be chosen from the SATURNO range section.

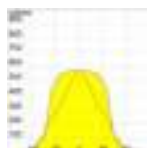


SATURNO



DIFFUSED SYMMETRICAL OPTIC

GW85601



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II - ELECTRONIC POWER SUPPLY



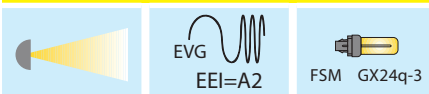
Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 601	35 W	MT	G12	0.5 A	Graphite grey	4.7	1
GW 85 602	70 W	MT	G12	1 A	Graphite grey	4.7	1
GW 85 603	150 W	MT	G12	1.8 A	Graphite grey	5.2	1

NOTE: you are advised to use only lamps with a ceramic burner.
In the event of a blackout, switch off the product and only switch it on again after the lamp has completely cooled down.

GW85604



WIRED VERSIONS WITH P.F. CORRECTION - IP66 - CLASS I - ELECTRONIC POWER SUPPLY

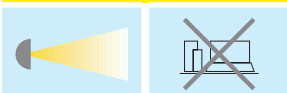


Code	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz						
GW 85 604	2 x 26-32 W		FSM GX24q-3	Graphite grey	4.3	1

GW85671



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 671	150 W	-	G12		Graphite grey		1

SATURNO RANGE

SATURNO RANGE

ARCHITECTURAL FLOODLIGHTS AND SYSTEMS

DIFFUSED ASYMMETRICAL OPTIC

GW85611



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II



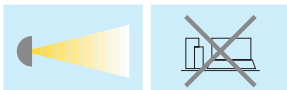
Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 611	35 W	MT	G12	0.5 A	Graphite grey	4.7	1
GW 85 612	70 W	MT	G12	1 A	Graphite grey	4.7	1
GW 85 613	150 W	MT	G12	1.8 A	Graphite grey	5.2	1

NOTE: you are advised to use only lamps with a ceramic burner.

In the event of a blackout, switch off the product and only switch it on again after the lamp has completely cooled down.



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 85 672	150 W	-	G12		Graphite grey		1

RESTRICTED CIRCULAR OPTIC

GW85622



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II



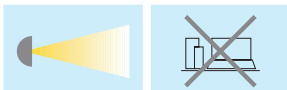
Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 622	70 W	MT	G12	1 A	Graphite grey	4.7	1
GW 85 623	150 W	MT	G12	1.8 A	Graphite grey	5.2	1

NOTE: you are advised to use only lamps with a ceramic burner.

In the event of a blackout, switch off the product and only switch it on again after the lamp has completely cooled down.



NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 85 673	150 W	-	G12		Graphite grey		1

STREET OPTICS

GW85632S



WIRED VERSIONS WITH P.F. CORRECTION, COMPLETE WITH LAMP - IP65 - CLASS II - ELECTRONIC POWER SUPPLY



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 632 S	70 W	ST*	E27	1 A	Graphite grey	4.7	1

NOTE: in the event of a blackout, switch off the product and only switch it on again after the lamp has completely cooled down.

* Lamps without built-in ignitor.

GW85633



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 85 633	70 W	MT	G12	1 A	Graphite grey	4.7	1
GW 85 634	150 W	MT	G12	1.8 A	Graphite grey	5.2	1

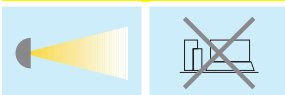
NOTE: you are advised to use only lamps with a ceramic burner.

In the event of a blackout, switch off the product and only switch it on again after the lamp has completely cooled down.

GW85674



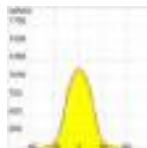
NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
GW 85 674	70 W	-	E27		Graphite grey		1
GW 85 675	150 W	-	G12		Graphite grey		1

LED VERSIONS

GW85642

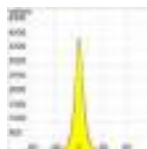


WIRED VERSIONS WITH LED SOURCES - IP65 - CLASS I

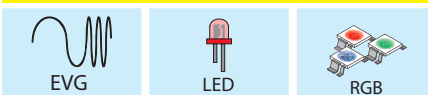


Code	No. of lamps	Overall power	Lamp	Temperature of colour	Beam opening	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 90/260 V - 50/60 Hz								
GW 85 641	36	36 W	White Led	5000 K	7°	Graphite grey	3	1
GW 85 642	36	36 W	White Led	5000 K	40°	Graphite grey	3	1

GW85646



WIRED VERSIONS WITH P.F. CORRECTION - IP65 - CLASS I



Code	No. of lamps	Overall power	Lamp	Beam opening	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 90/260 V - 50/60 Hz							
GW 85 646	16	48 W	RGB Led	40°	Graphite grey	3	1

GW85691



RGB CONTROL MODULE

Code	Max. manageable equip.	No. Chorus modules	Comm. protocol	Display	Weight (kg)	Conf. lmb.
VOLTAGE: 12 V - 50/60 Hz						
GW 85 691	20	3	DMX	O-Led	0.5	1

NOTE: to be installed on a Chorus 3 gang frame. Using the repeater/splitter GW85692, it is possible to increase the number of devices that can be managed. For the KNX-DMX interface, refer to the Domotics catalogue.

GW85692



TECHNICAL COMPONENTS FOR THE DMX SYSTEM

Code	Description	Voltage	Number of outputs	Conf. lmb.
GW 85 692	DMX repeater / splitter	100/240 V - 50/60 Hz	4	1

SATURNO RANGE

ARCHITECTURAL FLOODLIGHTS AND SYSTEMS

POLES

GW86527



EXTRUDED POLES TO DRIVE INTO THE GROUND

Code	Material	Length (mm)	Planting recommended	Colour	Weight (kg)	Conf. lmb.
GW 86 527	Extruded aluminium	3500	500 mm	Graphite grey	17.8	1
GW 86 528	Extruded aluminium	4600	600 mm	Graphite grey	23	1
GW 86 529	Extruded aluminium	5800	800 mm	Graphite grey	28.6	1

NOTES: poles complete with pole terminal and junction terminal block.

GW86530



EXTRUDED POLES EXTERNAL INSTALLATION

Code	Material	Length (mm)	Colour	Weight (kg)	Conf. lmb.
GW 86 530	Extruded aluminium	3000	Graphite grey	15.4	1
GW 86 531	Extruded aluminium	4000	Graphite grey	20.2	1

NOTES: poles complete with pole terminal and junction terminal block.

ACCESSORIES FOR POLES

GW86533



POLE SUPPORT BASE FOR EXTERNAL ASSEMBLY

Code	Material	Weight (kg)	Conf. lmb.
GW 86 533	Galvanised iron	7.2	1

CHARACTERISTICS: the base+pole assembly is fixed to the concrete using either special clamps in the concrete itself, or wall plugs with max. screw $\varnothing = 12\text{mm}$.

GW86526



ATTRACTIVE POLE-COVERING BASE

Code	Material	Colour	Weight (kg)	Conf. lmb.
GW 86 526	Turn aluminium	Graphite grey	1.5	1

GW86524



CABLES - POLE CLOSING PROFILE

Code	Material	Length (mm)	Colour	Weight (kg)	Conf. lmb.
GW 86 524	EPDM rubber	3000	Black	0.7	1

TECHNICAL COMPONENTS

GW85685



EXTENSION FOR POLE WITH SLOTS

Code	Colour	Weight (kg)	Conf. lmb.
GW 85 685	Graphite grey	2	1/2

GW85686



KIT FOR ASSEMBLY ON POLE WITH SLOTS

Code	Colour	Weight (kg)	Conf. lmb.
GW 85 686	Graphite grey	0.5	1

GW85682



OPTICAL COMPONENTS

Code	Description	Colour	Weight (kg)	Conf. lmb.
GW 85 682	Visor	Graphite grey	0.3	1/5
GW 85 683	Anti-glare louvre	Graphite grey	0.3	1/5

GW85681



SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 85 681	Tempered glass	248x248	0.7	1
GW 85 687	Serigraphed glass for street optics	248x248	0.7	1

DEDALO range

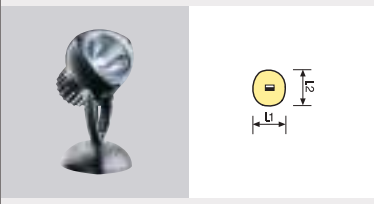
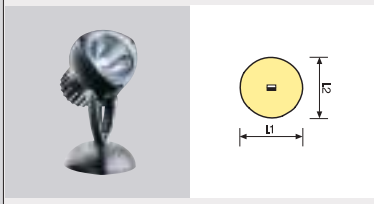

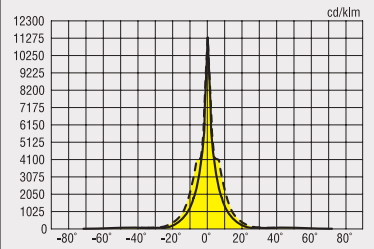
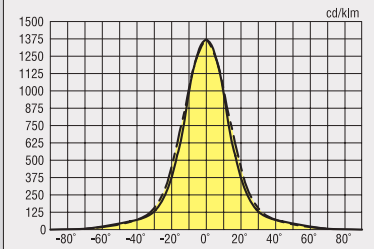
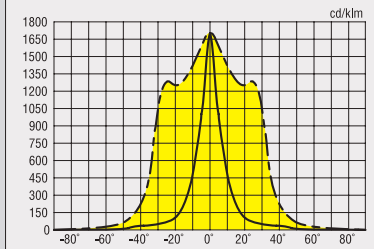
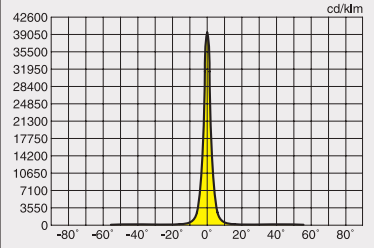
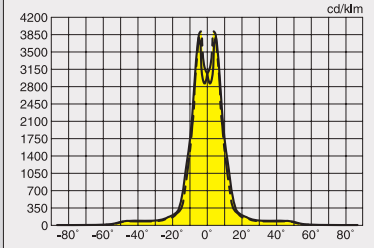
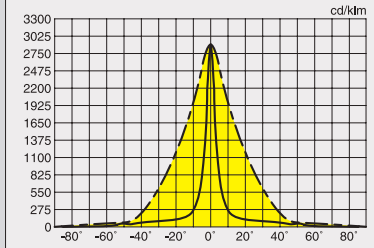
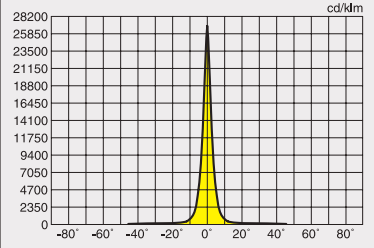
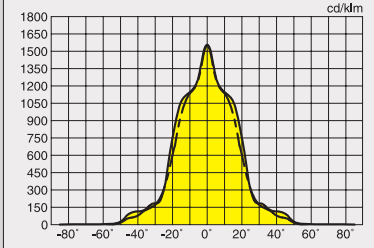
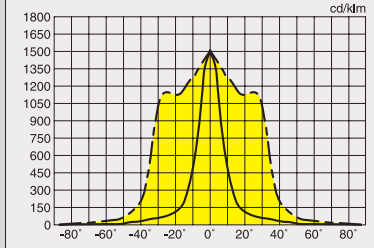



Architectural floodlights

Die-cast aluminium floodlight for effective architectural lighting, ideal for internal and external applications.

- IP66 protection class.
- Stainless steel screws.
- Protection against corrosion guaranteed by the trivalent passivation treatment.
- Adjustment of the light beam from 6° to 30°.
- Versions with monochrome LED technology or RGB.



DEDALO RANGE

	NARROW BEAM					WIDE BEAM					ELLIPTICAL BEAM				
															
	Distance	L1xL2	E max	E med.	Uniformity	Distance	L1xL2	E max	E med.	Uniformity	Distance	L1xL2	E max	E med.	Uniformity
100W 230V HALOGEN															
	5m	1.5x1.5	218	161	0.74	5m	2.5x2.5	64	41	0.63	5m	1.5x6	120	91	0.76
75W 12V HALOGEN															
	5m	1x1	411	308	0.7	5m	2x2	192	109	0.54	5m	1x4	88	66	0.75
70W METAL HALIDES															
	5m	1.5x1.5	1277	906	0.71	5m	3.5x3.5	217	139	0.64	5m	1.5x6	220	166	0.76
															

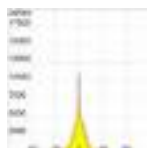


DEDALO



CIRCULAR OPTIC WITH VARIABLE FOCUS

GW84374



VERSIONS FOR MAINS-CONNECTED HALOGEN LAMPS - IP66 - CLASS II

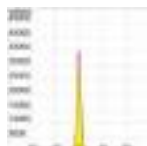


Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
GW 84 374	100 W	HS	B15d	Graphite grey	2.2	1/2

CHARACTERISTICS: also suitable for 60W - 75W lamps.

NOTES: use frosted lamps.

GW84387

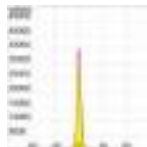


VERSIONS FOR EXTRA LOW VOLTAGE HALOGEN LAMPS WITH BUILT-IN TRANSFORMER - IP66 - CLASS II



Code	Lamp power	Lamp voltage	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz / 220 V - 60 Hz							
GW 84 387	50 W	12 V	HS	GY6.35	Graphite grey	3	1/2
GW 84 389	75 W	12 V	HS	GY6.35	Graphite grey	3.2	1/2

GW84390

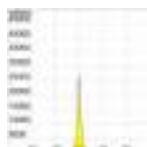


VERSIONS FOR VERY LOW VOLTAGE HALOGEN LAMP WITHOUT BUILT-IN TRANSFORMER - IP66 - CLASS III



Code	Max lamp power	Lamp voltage	Lamp	Lamp holder	Colour	Conf. lmb.
VOLTAGE: 12 V						
GW 84 390	100 W	12 V	HS	GY6.35	Graphite grey	1/2

GW84377



WIRED VERSIONS WITH P.F. CORRECTION FOR DISCHARGE LAMPS - IP66 - CLASS II - ELECTRONIC POWER SUPPLY



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 84 376	35 W	MT	G12	0.5 A	Graphite grey	2.7	1
GW 84 377	70 W	MT	G12	1 A	Graphite grey	2.7	1

NOTE: you are advised to use only lamps with a ceramic burner.

In the event of a blackout, switch off the product and only switch it on again after the lamp has completely cooled down.

DEDALO RANGE

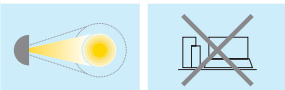
DEDALO RANGE

ARCHITECTURAL FLOODLIGHTS

GW84380



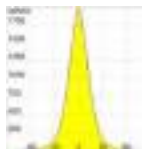
NON-WIRED VERSIONS



Code	Max lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Conf. Imb.
GW 84 380	70 W	-	G12		Graphite grey	2.5	1

LED VERSIONS

GW84182

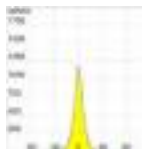


WIRED VERSIONS WITH LED SOURCES - IP66 - CLASS II



Code	No. of lamps	Overall power	Lamp	Temperature of colour	Beam opening	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 120/240 V - 0/50/60 Hz								
GW 84 181	7	7 W	White Led	5000 K	10°	Graphite grey	3	1/2
GW 84 182	7	7 W	White Led	5000 K	40°	Graphite grey	3	1/2

GW84186



WIRED VERSIONS WITH P.F. CORRECTION - IP66 - CLASS I



Code	No. of lamps	Overall power	Lamp	Beam opening	Colour	Weight (kg)	Conf. Imb.	
VOLTAGE: 90/260 V - 50/60 Hz								
GW 84 186	7	21 W	RGB Led	20°	Graphite grey	3	1	

DEDALO RANGE

COMPLEMENTARY ITEMS

GW85691



RGB CONTROL MODULE

Code	Max. manageable equip.	No. Chorus modules	Comm. protocol	Display	Weight (kg)	Conf. Imb.
VOLTAGE: 12 V - 50/60 Hz						
GW 85 691	20	3	DMX	O-Led	0.5	1

NOTE: to be installed on a Chorus 3 gang frame. Using the repeater/splitter GW85692, it is possible to increase the number of devices that can be managed. For the KNX-DMX interface, refer to the Domotics catalogue.

GW85692



TECHNICAL COMPONENTS FOR THE DMX SYSTEM

Code	Description	Voltage	Number of outputs	Conf. Imb.
GW 85 692	DMX repeater / splitter	100/240 V - 50/60 Hz	4	1



COMPLEMENTARY ITEMS FOR PORTABLE INSTALLATION

Code	Description	Material	Colour	Conf. Imb.
GW 84 355	Base/unit spacer	Aluminium	Graphite grey	1/6
GW 84 356	Spike	Galvanised steel		1/4

APPLICATIONS: GW84355, use max. 1 spacer.

NOTES: GW84356 to be used with versions equipped with trilobate base only.



OPTICAL COMPONENTS

Code	Description	Material	Colour	Conf. Imb.
GW 84 361	Anti-glare louvre	Aluminium	Graphite grey	1/4
GW 84 359	Elliptical Fresnel lens	Tempered glass		1/4

GW88281



SPARE PARTS

Code	Description	Weight (kg)	Conf. Imb.
GW 88 281	Glass	0.1	1/5

PLACE range

Shielded decorative globes for urban area lighting

Lighting system for public and residential areas.

- Anti-pollution shielded optics.
- Patented pole-fixing system.
- Various heights available: 3, 4 and 5m out of the ground.
- Installation flexibility thanks to the 6-guide pole which allows for installing lighting bodies in any position.

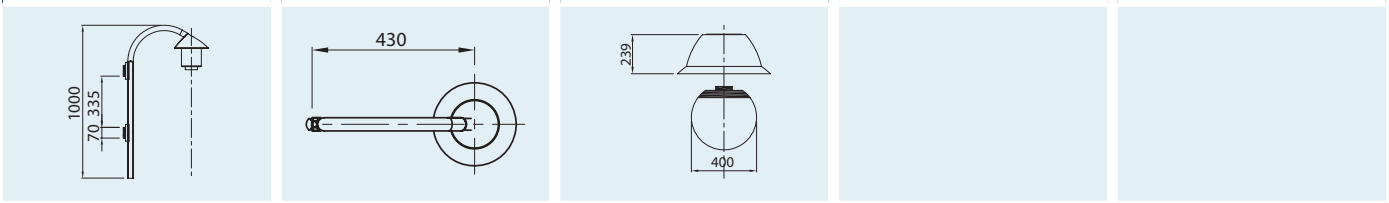


PLACE RANGE

SHIELDED DECORATIVE GLOBES FOR URBAN AREA LIGHTING

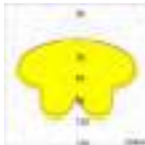


VERSION FOR POLE INSTALLATION



COMPLETE MULTIPLE COMPOSITION

GW86411



KIT 1 ARM - IP54 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Diameter sfere	Finish sfere	Pole height (m)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 86 411	70 W	SE*	E27	400 mm	Transparent	3	1
GW 86 412	70 W	SE*	E27	400 mm	Transparent	4	1
GW 86 413	70 W	SE*	E27	400 mm	Transparent	5	1
GW 86 416	70 W	SE*	E27	400 mm	Opal	3	1
GW 86 417	70 W	SE*	E27	400 mm	Opal	4	1
GW 86 418	70 W	SE*	E27	400 mm	Opal	5	1

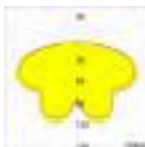
Use lamps with built-in ignitor.

KIT COMPOSITION:

- 1 pole to drive into the ground, with its height above ground as shown on the table;
- one 70W SE pastoral, complete with sphere with transparent or opal finishing, as shown in the table;
- 1 design cover base for the pole;
- 1 pole terminal.

PLACE RANGE

GW86421



KIT WITH 2 ARMS



Code	Lamp power	Lamp	Lamp holder	Diameter sfere	Finish sfere	Pole height (m)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 86 421	70 W	SE*	E27	400 mm	Transparent	3	1
GW 86 422	70 W	SE*	E27	400 mm	Transparent	4	1
GW 86 423	70 W	SE*	E27	400 mm	Transparent	5	1
GW 86 426	70 W	SE*	E27	400 mm	Opal	3	1
GW 86 427	70 W	SE*	E27	400 mm	Opal	4	1
GW 86 428	70 W	SE*	E27	400 mm	Opal	5	1

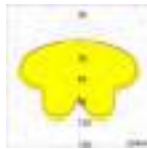
Use lamps with built-in ignitor.

KIT COMPOSITION:

- 1 pole to drive into the ground, with its height above ground as shown on the table;
- two 70W SE pastorals, complete with sphere with transparent or opal finishing, as shown in the table;
- 1 design cover base for the pole;
- 1 pole terminal.

KIT FOR MULTIPLE COMPOSITION

GW86541



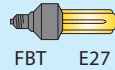
KIT FOR POLE INSTALLATION, COMPLETE WITH GLOBE



SE E27



IA/IB E27



FBT E27

Code	Lamp power	Lamp	Lamp holder	Diameter sfera	Finish sfera	Structures colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz								
GW 86 541	70 W	SE*	E27	400 mm	Transparent	Graphite grey	11.4	1
GW 86 542	70 W	SE*	E27	400 mm	Opal	Graphite grey	11.4	1
GW 86 543	70 W	SE*	E27	400 mm	Smoked	Graphite grey	11.4	1
GW 86 544	80 W	QE	E27	400 mm	Transparent	Graphite grey	11.4	1
GW 86 545	80 W	QE	E27	400 mm	Opal	Graphite grey	11.4	1
GW 86 546	80 W	QE	E27	400 mm	Smoked	Graphite grey	11.4	1
VOLTAGE: AT MAINS CONNECTED								
GW 86 547	100 W	IA / IB - FBT	E27	400 mm	Transparent	Graphite grey	9.6	1
GW 86 548	100 W	IA / IB - FBT	E27	400 mm	Opal	Graphite grey	9.6	1
GW 86 549	100 W	IA / IB - FBT	E27	400 mm	Smoked	Graphite grey	9.6	1

Use lamps with built-in ignitor.

POLES

GW86527



EXTRUDED POLES TO DRIVE INTO THE GROUND

Code	Material	Length (mm)	Planting recommended	Colour	Weight (kg)	Conf. Imb.
GW 86 527	Extruded aluminium	3500	500 mm	Graphite grey	17.8	1
GW 86 528	Extruded aluminium	4600	600 mm	Graphite grey	23	1
GW 86 529	Extruded aluminium	5800	800 mm	Graphite grey	28.6	1

NOTES: poles complete with pole terminal and junction terminal block.

GW86530



EXTRUDED POLES EXTERNAL INSTALLATION

Code	Material	Length (mm)	Colour	Weight (kg)	Conf. Imb.
GW 86 530	Extruded aluminium	3000	Graphite grey	15.4	1
GW 86 531	Extruded aluminium	4000	Graphite grey	20.2	1

NOTES: poles complete with pole terminal and junction terminal block.

ACCESSORIES FOR POLES

GW86533



POLE SUPPORT BASE FOR EXTERNAL ASSEMBLY

Code	Material	Weight (kg)	Conf. Imb.
GW 86 533	Galvanised iron	7.2	1

CHARACTERISTICS: the fixing of the base + pole assembly to the concrete is made either with clamps drowned in the concrete, or with wall plugs with max screw Ø = 12mm.

GW86526



ATTRACTIVE POLE-COVERING BASE

Code	Material	Colour	Weight (kg)	Conf. Imb.
GW 86 526	Turn aluminium	Graphite grey	1.5	1

GW86524



CABLES - POLE CLOSING PROFILE

Code	Material	Length (mm)	Colour	Weight (kg)	Conf. Imb.
GW 86 524	EPDM rubber	3000	Black	0.7	1

GW86523



UNIVERSAL ADAPTER

Code	Material	Weight (kg)	Conf. Imb.
GW 86 523	Black galvanised steel	0.1	1/4

PLACE RANGE

SHIELDED DECORATIVE GLOBES FOR URBAN AREA LIGHTING

SPARE PARTS

GW86522



POLE TERMINAL

Code	Material	Colour	Weight (kg)	Conf. Imb.
GW 86 522	Nylon	Graphite grey	0.2	1/4

GW86512



LENS HOOD

Code	Suitable for	Material	Colour	Weight (kg)	Conf. Imb.
GW 86 512	GLOB 40	Turn aluminium	Graphite grey	2.5	1

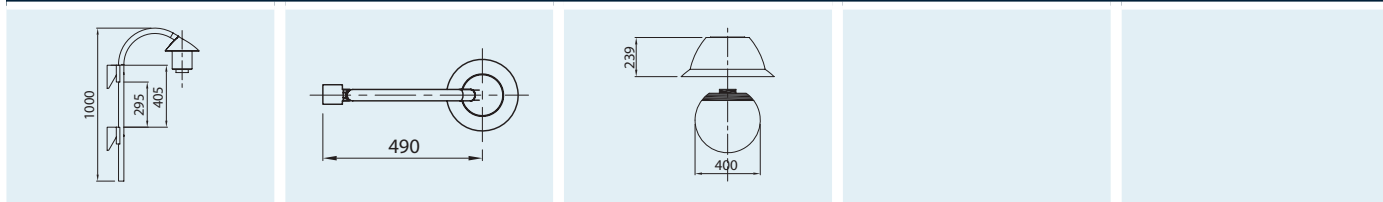
GW86521



DOWN LIGHT ANTI-GLARE LOUVER

Code	Lamp	Material	Suitable for	Weight (kg)	Conf. Imb.
GW 86 521	QE / SE	Polished-anodized aluminium	GLOB 40	0.6	1/4

VERSION FOR WALL INSTALLATION



KIT FOR DOWN-LIGHT INSTALLATION



KIT FOR WALL INSTALLATION, COMPLETE WITH GLOBE



Code	Lamp power	Lamp	Lamp holder	Diameter sfere	Finish sfere	Structures colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz								
GW 86 561	70 W	SE*	E27	400 mm	Transparent	Graphite grey	11.4	1
GW 86 562	70 W	SE*	E27	400 mm	Opal	Graphite grey	11.4	1
GW 86 563	70 W	SE*	E27	400 mm	Smoked	Graphite grey	11.4	1
GW 86 564	80 W	QE	E27	400 mm	Transparent	Graphite grey	11.4	1
GW 86 565	80 W	QE	E27	400 mm	Opal	Graphite grey	11.4	1
GW 86 566	80 W	QE	E27	400 mm	Smoked	Graphite grey	11.4	1
VOLTAGE: AT MAINS CONNECTED								
GW 86 567	100 W	IA / IB - FBT	E27	400 mm	Transparent	Graphite grey	9.6	1
GW 86 568	100 W	IA / IB - FBT	E27	400 mm	Opal	Graphite grey	9.6	1
GW 86 569	100 W	IA / IB - FBT	E27	400 mm	Smoked	Graphite grey	9.6	1
GW 86 570	60 W	IA / IB - FBT	E27	300 mm	Transparent	Graphite grey	8.1	1
GW 86 571	60 W	IA / IB - FBT	E27	300 mm	Opal	Graphite grey	8.1	1
GW 86 572	60 W	IA / IB - FBT	E27	300 mm	Smoked	Graphite grey	8.1	1

Use lamps with built-in ignitor.

KIT FOR UP-LIGHT INSTALLATION



KIT FOR WALL INSTALLATION, COMPLETE WITH GLOBE



Code	Lamp power	Lamp	Lamp holder	Diameter sfere	Finish sfere	Structures colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz								
GW 86 581	70 W	SE*	E27	400 mm	Transparent	Graphite grey	9	1
GW 86 582	70 W	SE*	E27	400 mm	Opal	Graphite grey	9	1
GW 86 583	70 W	SE*	E27	400 mm	Smoked	Graphite grey	9	1
GW 86 584	80 W	QE	E27	400 mm	Transparent	Graphite grey	9	1
GW 86 585	80 W	QE	E27	400 mm	Opal	Graphite grey	9	1
GW 86 586	80 W	QE	E27	400 mm	Smoked	Graphite grey	9	1
VOLTAGE: NON WIRED VERSIONS								
GW 86 587	100 W	IA / IB - FBT	E27	400 mm	Transparent	Graphite grey	7.2	1
GW 86 588	100 W	IA / IB - FBT	E27	400 mm	Opal	Graphite grey	7.2	1
GW 86 589	100 W	IA / IB - FBT	E27	400 mm	Smoked	Graphite grey	7.2	1
GW 86 590	60 W	IA / IB - FBT	E27	300 mm	Transparent	Graphite grey	5.7	1
GW 86 591	60 W	IA / IB - FBT	E27	300 mm	Opal	Graphite grey	5.7	1
GW 86 592	60 W	IA / IB - FBT	E27	300 mm	Smoked	Graphite grey	5.7	1

Use lamps with built-in ignitor.

PLACE RANGE

SHIELDED DECORATIVE GLOBES FOR URBAN AREA LIGHTING

SPARE PARTS

GW86512



LENS HOOD					
Code	Suitable for	Material	Colour	Weight (kg)	Conf. Imb.
GW 86 511	GLOB 30	Turn aluminium	Graphite grey	1.5	1
GW 86 512	GLOB 40	Turn aluminium	Graphite grey	2.5	1

GW86521



DOWN LIGHT ANTI-GLARE LOUVER					
Code	Lamp	Suitable for	Material	Weight (kg)	Conf. Imb.
GW 86 521	QE / SE	GLOB 40	Polished-anodized aluminium	0.6	1/4

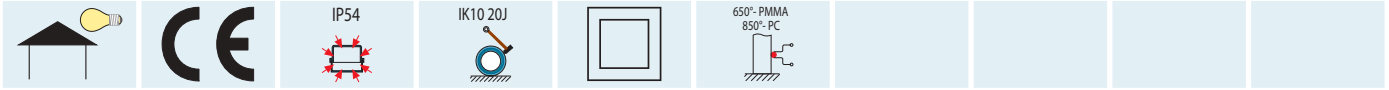
GLOB range

Globes for lighting urban and residential areas

Globes for lighting public residential parks and gardens.

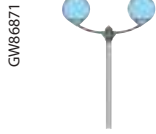
- Versatility of use as stand-alone or multiple compositions.
- Resistance to atmospheric agents and acts of vandalism.
- IP54 protection class.
- Insulation class II.



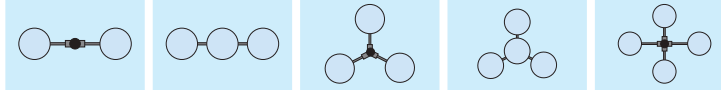


GLOB

KIT FOR MULTIPLE COMPOSITION



KIT FROM 2 TO 4 GLOBES



Code	Description	N. Globes	Arrangement	Weight (kg)	Conf. Imb.
GW 86 871	Kit 2 - 180	2	180°	1.8	1
GW 86 872	Kit 3 - 180	3	180°	2.3	1
GW 86 873	Kit 3 - 120	3	120°	2.3	1
GW 86 874	Kit 4 - 120	4	3 at 120° + 1 central	2.6	1
GW 86 875	Kit 4 - 90	4	90°	3.8	1

KIT COMPOSITION:

GW86871: 1 twin arm pole fixing GW86783; 2 arms 310mm GW86781; 1 pole coupling GW86785; 1 pole terminal GW86786

GW86872: 1 twin arm pole fixing GW86783; 2 arms 310mm GW86781; 1 pole coupling GW86785; 1 spacer 210mm GW86788; 1 base cover GW86787.

GW86873: 1 triple arm pole fixing GW86784; 3 arms 310mm GW86781; 1 pole coupling GW86785; 1 pole terminal GW86786

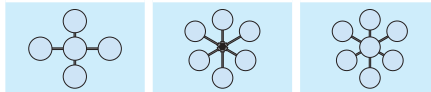
GW86874: 1 triple arm pole fixing GW86784; 3 arms 310mm GW86781; 1 spacer 210mm GW86788; 1 pole coupling GW86785; 1 base cover GW86787.

GW86875: 2 twin arm pole fixings GW86783; 2 arms 310mm GW86781; 2 arms 410mm GW86782; 1 spacer 210mm GW86788; 1 pole coupling GW86785; 1 pole terminal GW86786

NOTES: to be completed with Glob bases and spheres.



KIT FROM 5 TO 7 GLOBES



Code	Description	N. Globes	Arrangement	Weight (kg)	Conf. Imb.
GW 86 876	Kit 5	5	4 at 90° + 1 central	4.5	1
GW 86 877	Kit 6 - 120	6	120°	5.1	1
GW 86 878	Kit 7 - 120	7	6 at 120° + 1 central	5.9	1

KIT COMPOSITION:

GW86876: 2 twin arm pole fixings GW86783; 2 arms 310mm; GW86781; 2 arms 410mm; GW86782; 1 spacer 210mm GW86788; 1 pole coupling GW86785; 1 base cover GW86787.

GW86877: 2 triple arm pole fixings GW86784; 3 arms 310mm GW86781; 3 arms 410mm GW86782; 1 spacer 310mm GW86789; 1 pole coupling GW86785; 1 pole terminal GW86786

GW86878: 2 triple arm pole fixings GW86784; 3 arms 310mm GW86781; 3 arms 410mm GW86782;

1 spacer 310mm GW86789; 1 spacer 210mm GW86788; 1 pole coupling GW86785; 1 base cover GW86787.

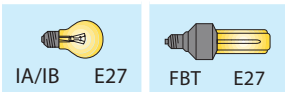
NOTES: to be completed with Glob bases and spheres.

GLOB BASES FOR Ø 60 MM POLE

GW86741



GLOB BASES FOR ELECTRONIC FLUORESCENT AND INCANDESCENT LAMPS - IP54 - CLASS II



Code	Max lamp power	Lamp	Lamp holder	Suitable for	Colour	Weight (kg)	Conf. Imb.
GW 86 741	60 W	IA / IB - FBT	E27	GLOB 25-30	Graphite grey	0.4	1/4
GW 86 742	100 W	IA / IB - FBT	E27	GLOB 40	Graphite grey	0.8	1/4

NOTES: degree of protection and insulation class refer to base complete with globe.

GW86680



WIRED GLOB BASES WITH P.F. CORRECTION FOR DISCHARGE LAMPS - IP54 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Suitable for	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 86 676	50 W	QE	E27	GLOB 40	Graphite grey	1.9	1/4
GW 86 677	80 W	QE	E27	GLOB 40	Graphite grey	2	1/4
GW 86 678	125 W	QE	E27	GLOB 40	Graphite grey	2.2	1/4
GW 86 679	50 W	SE*	E27	GLOB 40	Graphite grey	2	1/4
GW 86 680	70 W	SE*	E27	GLOB 40	Graphite grey	2.2	1/4
VOLTAGE: NON WIRED VERSIONS							
GW 86 743	-	-	E27	GLOB 40	Graphite grey	1	1/4

Use lamps with built-in ignitor.

NOTES: degree of protection and insulation class refer to base complete with globe.

GLOB BASES FOR ARM

GW86744



GLOB BASES FOR ELECTRONIC FLUORESCENT AND INCANDESCENT LAMPS - IP54 - CLASS II



Code	Max lamp power	Lamp	Lamp holder	Suitable for	Colour	Weight (kg)	Conf. Imb.
GW 86 744	60 W	IA / IB - FBT	E27	GLOB 25-30	Graphite grey	0.4	1/4
GW 86 745	100 W	IA / IB - FBT	E27	GLOB 40	Graphite grey	0.8	1/4

NOTES: degree of protection and insulation class refer to base complete with globe.

GW86710



WIRED GLOB BASES WITH P.F. CORRECTION FOR DISCHARGE LAMPS - IP54 - CLASS II



Code	Lamp power	Lamp	Lamp holder	Suitable for	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 86 706	50 W	QE	E27	GLOB 40	Graphite grey	1.9	1/4
GW 86 707	80 W	QE	E27	GLOB 40	Graphite grey	2	1/4
GW 86 708	125 W	QE	E27	GLOB 40	Graphite grey	2.2	1/4
GW 86 709	50 W	SE*	E27	GLOB 40	Graphite grey	2	1/4
GW 86 710	70 W	SE*	E27	GLOB 40	Graphite grey	2.2	1/4
VOLTAGE: NON WIRED VERSIONS							
GW 86 746	-	-	E27	GLOB 40	Graphite grey	1	1/4

Use lamps with built-in ignitor.

NOTES: degree of protection and insulation class refer to base complete with globe.

SINGLE ELEMENTS



ARM



Code	Length (mm)	Material	Colour	Weight (kg)	Conf. Imb.
GW 86 781	310	Steel	Graphite grey	0.4	1/4
GW 86 782	410	Steel	Graphite grey	0.6	1/4

APPLICATIONS: to be used in combination with the bases with arm coupling, the 2 or 3-arm couplings and the pole connectors.

GW86783



TWIN ARM POLE FIXING



Code	Material	Colour	Weight (kg)	Conf. Imb.
GW 86 783	Die-cast aluminium	Graphite grey	0.7	1/4

APPLICATIONS: for use in combination with curved arms for joining them to the pole.

GW86784



THREE ARM POLE FIXING



Code	Material	Colour	Weight (kg)	Conf. Imb.
GW 86 784	Die-cast aluminium	Graphite grey	0.8	1/4

APPLICATIONS: for use in combination with curved arms for joining them to the pole.

GW86785



POLE CONNECTOR



Code	Material	Colour	Weight (kg)	Conf. Imb.
GW 86 785	Die-cast aluminium	Graphite grey	0.1	1/4

APPLICATIONS: for use in combination with bases with twin- or triple-arm fixings for locking them to the pole.



POLE TERMINAL



Code	Description	Material	Colour	Weight (kg)	Conf. Imb.
GW 86 786	End cover	Die-cast aluminium	Graphite grey	0.2	1/4
GW 86 787	End cover for Glob	Die-cast aluminium	Graphite grey	0.3	1/4

APPLICATIONS: to complete twin- or triple-arm compositions with pole cover or the application of a central globe terminal.



POLE SPACER



Code	Length (mm)	Material	Colour	Weight (kg)	Conf. Imb.
GW 86 788	210	Extruded aluminium	Graphite grey	0.4	1/4
GW 86 789	310	Extruded aluminium	Graphite grey	0.5	1/4

APPLICATIONS: to overlap double- or triple-arm couplings or to space the central globe terminal.

GW86790



SINGLE SURFACE MOUNTING



Code	Material	Colour	Weight (kg)	Conf. lmb.
GW 86 790	Aluminium base Steel arm	Graphite grey	1	1

APPLICATIONS: suitable for bases with pole and arm fixing.

GW86791



TWIN SURFACE MOUNTING



Code	Material arm	Material base	Colour	Weight (kg)	Conf. lmb.
GW 86 791	Steel	Aluminium	Graphite grey	1.7	1

APPLICATIONS: for use with bases with arm fixing.

GLOBES



POLYCARBONATE SPHERICAL GLOBE



Code	Finishing	For lamps	Dimension	Weight (kg)	Conf. lmb.
VERSIONS: GLOB 25					
GW 86 601	Transparent	Max 60 W	ø 250 mm	0.6	1/4
GW 86 602	Opal	Max 60 W	ø 250 mm	0.6	1/4
GW 86 603	Smoked	Max 60 W	ø 250 mm	0.6	1/4
VERSIONS: GLOB 30					
GW 86 611	Transparent	Max 60 W	ø 300 mm	1	1/4
GW 86 612	Opal	Max 60 W	ø 300 mm	1	1/4
GW 86 613	Smoked	Max 60 W	ø 300 mm	1	1/4
VERSIONS: GLOB 40					
GW 86 621	Transparent	Max 100 W IA/IB, 50-80-125 W QE, 50-70 W SE	ø 400 mm	2.1	1
GW 86 622	Opal	Max 100 W IA/IB, 50-80-125 W QE, 50-70 W SE	ø 400 mm	2.1	1
GW 86 623	Smoked	Max 100 W IA/IB, 50-80-125 W QE, 50-70 W SE	ø 400 mm	2.1	1



PMMA SPHERICAL GLOBE



Code	Finishing	For lamps	Dimension	Weight (kg)	Conf. lmb.
VERSIONS: GLOB 25					
GW 86 604	Transparent	Max 60 W	ø 250 mm	0.6	1/4
GW 86 605	Opal	Max 60 W	ø 250 mm	0.6	1/4
GW 86 606	Smoked	Max 60 W	ø 250 mm	0.6	1/4
VERSIONS: GLOB 30					
GW 86 614	Transparent	Max 60 W	ø 300 mm	1	1/4
GW 86 615	Opal	Max 60 W	ø 300 mm	1	1/4
GW 86 616	Smoked	Max 60 W	ø 300 mm	1	1/4
VERSIONS: GLOB 40					
GW 86 624	Transparent	Max 100 W IA/IB, 50-80-125 W QE, 50-70 W SE	ø 400 mm	2.1	1
GW 86 625	Opal	Max 100 W IA/IB, 50-80-125 W QE, 50-70 W SE	ø 400 mm	2.1	1
GW 86 626	Smoked	Max 100 W IA/IB, 50-80-125 W QE, 50-70 W SE	ø 400 mm	2.1	1

COMPLEMENTARY ITEMS

GW86762



ANTI-GLARE LOUVER FOR GLOB 40



Code	Lamp	Material	Weight (kg)	Conf. Imb.
GW 86 762	QE / SE	Polished-anodized aluminium	0.6	1/4

APPLICATIONS: suitable for bases with pole/ arm fixing. Designed to reduce direct glare for applications on streets/roads with vehicle traffic.



HEAT PROTECTION COVER



Code	Suitable for	Material	Weight (kg)	Conf. Imb.
GW 86 763	Lamp max 60W IA/IB	Polished-anodized aluminium	0.1	1/4
GW 86 764	Lamp max 100W QE/SE	Polished-anodized aluminium	0.1	1/4

APPLICATIONS: suitable for bases with pole/ arm fixing. Designed for a more uniform distribution of the internal temperature of the globe, increasing its duration.

STEEL POLES

GW86775



CYLINDRICAL GALVANIZED STEEL POLES - Ø 60 MM

Code	Length (mm)	Ø (mm)	Planting recommended	Colour	Weight (kg)	Conf. Imb.
GW 86 775	1000	60	200 mm	Graphite grey	2.8	1
GW 86 776	2000	60	300 mm	Graphite grey	4	1
GW 86 777	3000	60	500 mm	Graphite grey	6	1
GW 86 778	5000	60	500 mm	Graphite grey	13	1

GW82289



BASE FOR Ø 60 MM STEEL POLE - MAX HEIGHT 2000 MM



Code	Description	Dimensions (mm)	Colour	Conf. Imb.
GW 82 289	Round base	Ø 230 x h 350	Graphite grey	1/2

CHARACTERISTICS: the fixing of the base + pole assembly to the concrete is made either with clamps drowned in the concrete, or with wall plugs with max screw Ø = 12mm.

ACCESSORIES SUPPLIED: 2 screws, M6x12, for fixing the pole to the base.

FIBREGLASS POLES

GW86771



FIBREGLASS POLES Ø 60 MM

Code	Length (mm)	Ø (mm)	Planting recommended	Colour	Weight (kg)	Conf. Imb.
GW 86 771	1000	60	200 mm	Smoke grey	0.6	1
GW 86 772	2000	60	300 mm	Smoke grey	1.3	1
GW 86 773	3000	60	400 mm	Smoke grey	2	1

APPLICATIONS: particularly suitable for installations in marine environments or those especially exposed to corrosive agents.

NOTES: extruded poles to drive into the ground only for installations with a single sphere.

RESIDENTIAL OUTDOOR / COMMERCIAL AREAS



RESIDENTIAL POLES

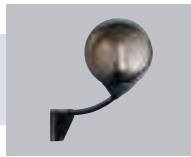
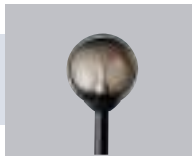
BILIGHT



TRILIGHT



GLOB



POINT

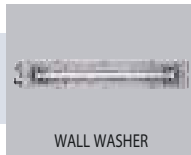
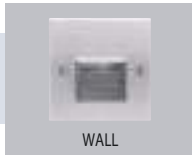


WALL / GROUND RECESSED

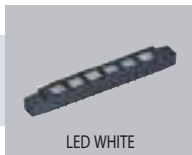
LUXOR



LUXOR WALL



METROLIGHT

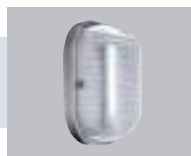
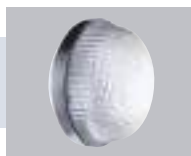
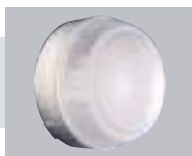


LIGHTING FOR EXTERNAL USE

EXTRO



TONDA ES/
BOLLA /
GUSCIO



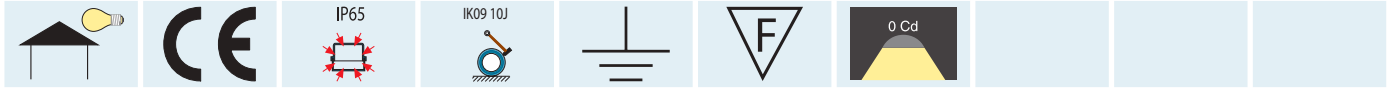
BILIGHT

Residential/urban decorative devices

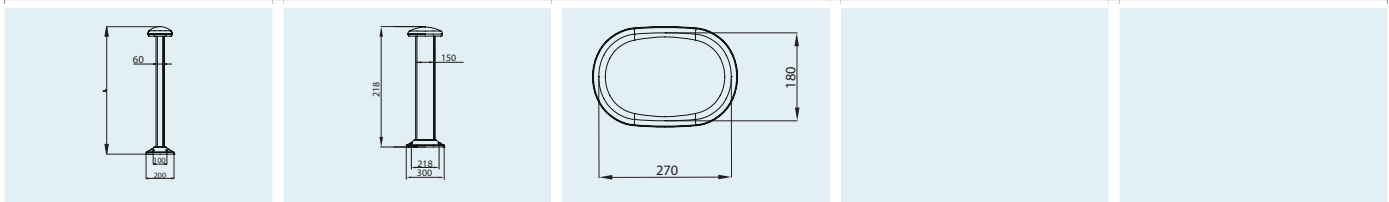
New range of urban/residential decorative devices using LED technology.

- Rectangular section.
- Extruded aluminium stem, available in three different heights.
- Dual switch-on for ordinary and signal lighting.
- Signalling LED available in three colours (blue, amber and white).





BILIGHT



DOMESTIC / URBAN DECORATIVE DEVICES

GW82069



WIRED VERSIONS WITH LED SOURCES - CLASS I



Code	No. of lamps	Overall power	Main lamp	Light signalling lamp	Height (mm)	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220/230 V - 50/60 Hz								
GW 82 061	4+2	18 W	White Led - 5000 K	Amber	350	Aluminium	4.2	1
GW 82 062	4+2	18 W	White Led - 5000 K	White	350	Aluminium	4.2	1
GW 82 063	4+2	18 W	White Led - 5000 K	Blue	350	Aluminium	4.2	1
GW 82 064	4+2	18 W	White Led - 5000 K	Amber	550	Aluminium	5	1
GW 82 065	4+2	18 W	White Led - 5000 K	White	550	Aluminium	5	1
GW 82 066	4+2	18 W	White Led - 5000 K	Blue	550	Aluminium	5	1
GW 82 067	4+2	18 W	White Led - 5000 K	Amber	950	Aluminium	6.6	1
GW 82 068	4+2	18 W	White Led - 5000 K	White	950	Aluminium	6.6	1
GW 82 069	4+2	18 W	White Led - 5000 K	Blue	950	Aluminium	6.6	1

TECHNICAL COMPONENTS

COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Material	Conf. Imb.
GW 82 076	Anchorage plate	Hot galvanised steel	1

BILIGHT RANGE

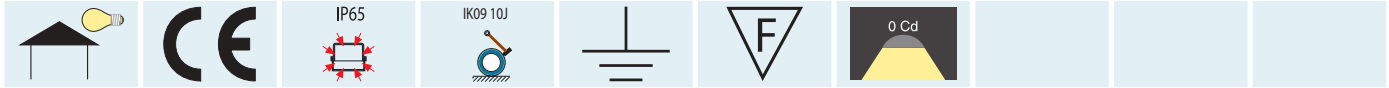
TRILIGHT

Residential/urban decorative devices

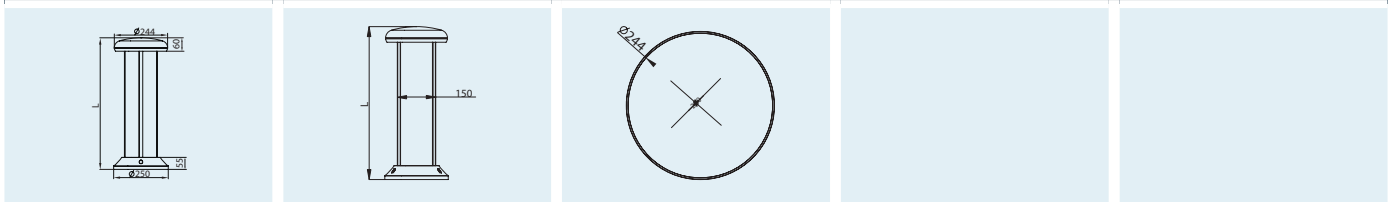
New range of urban/residential decorative devices using LED technology.

- Triangular section.
- Extruded aluminium stem, available in three different heights.
- Dual switch-on for ordinary and signal lighting.
- Signalling LED available in three colours (blue, amber and white).



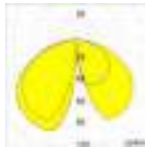


TRILIGHT



DOMESTIC / URBAN DECORATIVE DEVICES

GW82089



WIRED VERSIONS WITH LED SOURCES - CLASS I



Code	No. of lamps	Overall power	Main lamp	Light signalling lamp	Height (mm)	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220/230 V - 50/60 Hz								
GW 82 081	6+3	27 W	White Led - 5000 K	Amber	350	Aluminium	4	1
GW 82 082	6+3	27 W	White Led - 5000 K	White	350	Aluminium	4	1
GW 82 083	6+3	27 W	White Led - 5000 K	Blue	350	Aluminium	4	1
GW 82 084	6+3	27 W	White Led - 5000 K	Amber	550	Aluminium	4.8	1
GW 82 085	6+3	27 W	White Led - 5000 K	White	550	Aluminium	4.8	1
GW 82 086	6+3	27 W	White Led - 5000 K	Blue	550	Aluminium	4.8	1
GW 82 087	6+3	27 W	White Led - 5000 K	Amber	950	Aluminium	6.4	1
GW 82 088	6+3	27 W	White Led - 5000 K	White	950	Aluminium	6.4	1
GW 82 089	6+3	27 W	White Led - 5000 K	Blue	950	Aluminium	6.4	1

TECHNICAL COMPONENTS

COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Material	Conf. Imb.
GW 82 096	Anchorage plate	Hot galvanised steel	1

TRILIGHT RANGE

GLOB range

Globes for decorative lighting in residential and commercial areas

Globes for decorative lighting in residential and commercial sectors

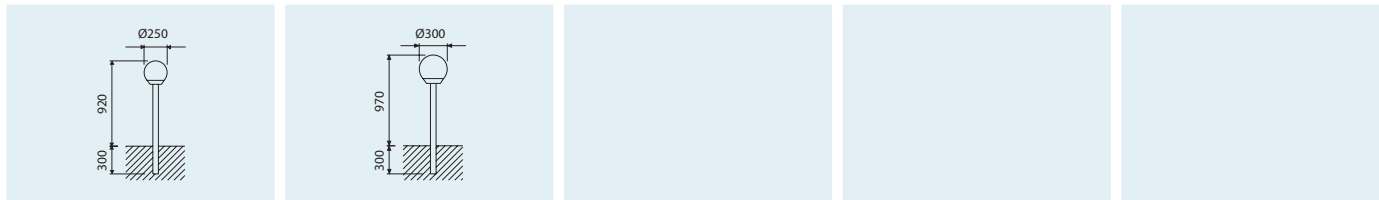
- Resistance to atmospheric agents and acts of vandalism.
- Globes available in transparent, opal and smoked finishes.
- IP54 protection class.
- Insulation class II.



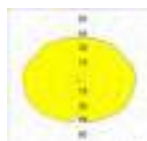


GLOB

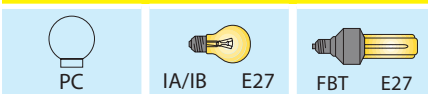
GLOBES COMPLETE WITH BASE AND POLE TO DRIVE INTO THE GROUND



GW86853



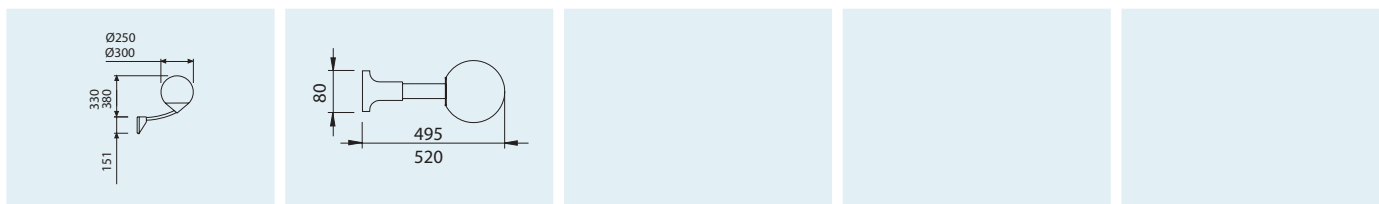
SPHERICAL GLOBE COMPLETE WITH BASE AND Ø 60 MM FIBREGLASS POLE HEIGHT 1 M - IP54 - CLASS II



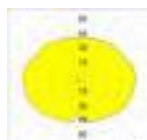
Code	Finishing	Ø (mm)	Max lamp power	Lamp	Lamp holder	Weight (kg)	Conf. Imb.
MATERIAL: POLYCARBONATE							
GW 86 851	Transparent	250	60 W	IA / IB - FBT	E27	1.8	1
GW 86 852	Opal	250	60 W	IA / IB - FBT	E27	1.8	1
GW 86 853	Smoked	250	60 W	IA / IB - FBT	E27	1.8	1
GW 86 854	Transparent	300	60 W	IA / IB - FBT	E27	2.2	1
GW 86 855	Opal	300	60 W	IA / IB - FBT	E27	2.2	1
GW 86 856	Smoked	300	60 W	IA / IB - FBT	E27	2.2	1

COMPOSITION: 1 globe, 1 GW86741 base; 1 GW86771 pole h 1 m.

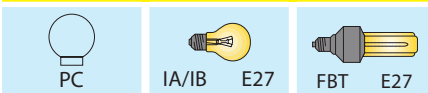
GLOBES COMPLETE WITH BASE AND ARM FOR WALL INSTALLATION



GW86863



SPHERICAL GLOBE COMPLETE WITH BASE AND ARM FOR SURFACE INSTALLATION - IP54 - CLASS II



Code	Finishing	Ø (mm)	Max lamp power	Lamp	Lamp holder	Weight (kg)	Conf. Imb.
MATERIAL: POLYCARBONATE							
GW 86 861	Transparent	250	60 W	IA / IB - FBT	E27	2.2	1
GW 86 862	Opal	250	60 W	IA / IB - FBT	E27	2.2	1
GW 86 863	Smoked	250	60 W	IA / IB - FBT	E27	2.2	1
GW 86 864	Transparent	300	60 W	IA / IB - FBT	E27	2.6	1
GW 86 865	Opal	300	60 W	IA / IB - FBT	E27	2.6	1
GW 86 866	Smoked	300	60 W	IA / IB - FBT	E27	2.6	1

COMPOSITION: 1 globe, 1 base for GW86744 arm; 1 GW86790 single arm.

GLOB RANGE

POINT range

Garden lighting devices

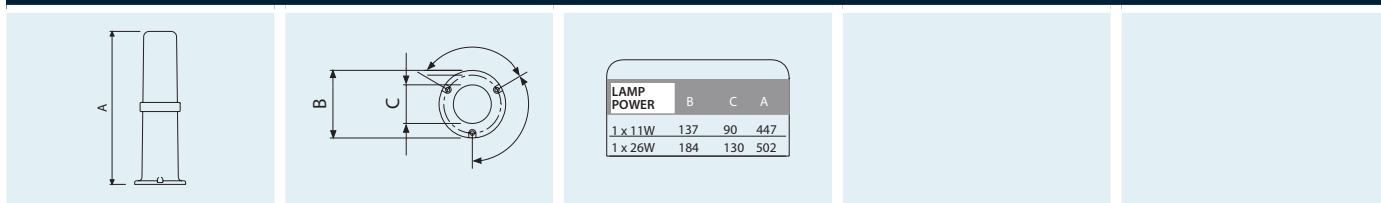
Garden lighting devices.

- Shielded optics to contain the luminous flux diffused toward the vault of heaven.
- IP55 protection class.
- Insulation class II.
- Affordable operation and good light-emitting efficiency.
- Neat design and graphite grey body.



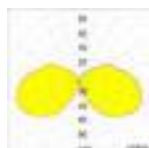


POINT

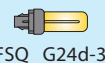


GARDEN DEVICES

GW82006



WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS II



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Height (mm)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 82 006	1	11 W	FSD	G23	Graphite grey	447	1/2
GW 82 007	1	26 W	FSQ	G24d-3	Graphite grey	502	1/2

GW82056



NON-WIRED VERSIONS



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Height (mm)	Conf. Imb.
GW 82 056	1	11 W	FSD	G23	Graphite grey	447	1/4
GW 82 057	1	26 W	FSQ	G24d-3	Graphite grey	502	1/2

ACCESSORIES SUPPLIED: structural components: accessory-holding plate, prismatic antiglare louvre. Electrical components: lampholder, supply terminal. The devices are supplied with the kit of standard accessories.

LUXOR

Elements for floor flush-mounting

Range of die-cast aluminium devices for flush-mounting in the floor.

- Available in aluminium or stainless steel finish, with ring or flange.
- IP67 or IP68 protection class.
- External screws in ASI 316 stainless steel.
- Versions with discharge, fluorescent or LED sources.



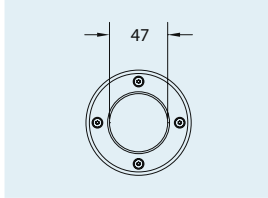
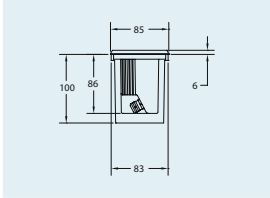


IP67 LUXOR 80/400/200
IP68 LUXOR 100/100L/200



PEDASTRIAN RECESSED LIGHTING SYSTEM

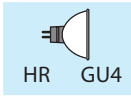
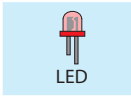
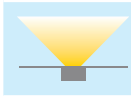
LUXOR 80 - VERSIONS WITH STAINLESS STEEL FLANGE



GW82902



VERSIONS WITH STAINLESS STEEL RING - IP67



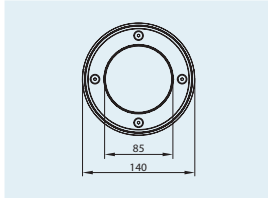
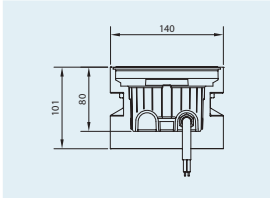
Code	Lamp power	Lamp	Lamp holder	Beam opening	Category of use	Power supply unit	Weight (kg)	Conf. lmb.
VOLTAGE: 12 V - 50 Hz - CLASS III								
GW 82 901	20 W	HR	GU4		1	External	0.35	1
GW 82 902	1 W	White Led - 3150 K	GU4	30°	1	External	0.35	1
GW 82 903	1 W	Blue led	GU4	30°	1	External	0.35	1

NOTES: outer casing included.

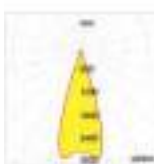
12V versions to be completed with the external transformer. Use category in compliance with Standard EN 60598-2-13.

DRIVE OVER RECESSED LIGHTING SYSTEM 3000 KG

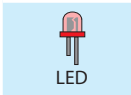
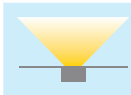
LUXOR 100 - VERSIONS WITH ALUMINIUM FLANGE



GW82912



VERSIONS WITH BLACK RING - IP68

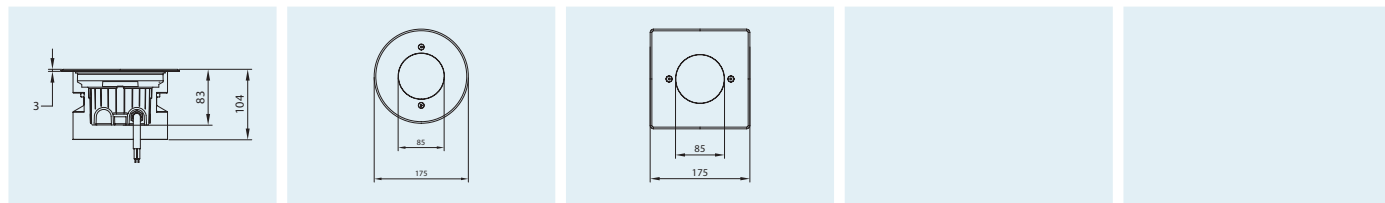


Code	Lamp power	Lamp	Lamp holder	Beam opening	Category of use	Power supply unit	Weight (kg)	Conf. lmb.
VOLTAGE: 12 V - 50 Hz - CLASS III								
GW 82 911	35 W	HR	GU5,3		1	External	1.2	1
VOLTAGE: 220 / 240 V - 50 / 60 Hz - CLASS I								
GW 82 912	3 x 1 W	White Led		35°	5	Internal	1.2	1
GW 82 913	3 x 1 W	Blue led		35°	5	Internal	1.2	1

NOTES: outer casing included.

12V versions to be completed with the external transformer. Use category in compliance with Standard EN 60598-2-13.

LUXOR 100 - VERSIONS WITH STAINLESS STEEL FLANGE



GW82922



VERSIONS WITH STAINLESS STEEL RING - IP68



Code	Lamp power	Lamp	Lamp holder	Beam opening	Category of use	Power supply unit	Weight (kg)	Conf. lmb.
VOLTAGE: 12 V - 50 Hz - CLASS III								
GW 82 921	35 W	HR	GU5,3		1	External	1.3	1
VOLTAGE: 220 / 240 V - 50 / 60 Hz - CLASS I								
GW 82 922	3 x 1 W	White Led		35°	5	Internal	1.3	1
GW 82 923	3 x 1 W	Blue led		35°	5	Internal	1.3	1

NOTES: outer casing included.

12V versions to be completed with the external transformer. Use category in compliance with Standard EN 60598-2-13.

GW82927



VERSIONS WITH STAINLESS STEEL FRAME - IP68



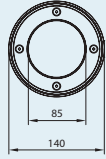
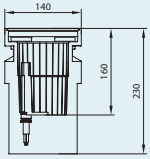
Code	Lamp power	Lamp	Lamp holder	Beam opening	Category of use	Power supply unit	Weight (kg)	Conf. lmb.
VOLTAGE: 12 V - 50 Hz - CLASS III								
GW 82 926	35 W	HR	GU5,3		1	External	1.3	1
VOLTAGE: 220 / 240 V - 50 / 60 Hz - CLASS I								
GW 82 927	3 x 1 W	White Led		35°	5	Internal	1.3	1
GW 82 928	3 x 1 W	Blue led		35°	5	Internal	1.3	1

NOTES: outer casing included.

12V versions to be completed with the external transformer. Use category in compliance with Standard EN 60598-2-13.

DRIVE OVER RECESSED LIGHTING SYSTEM 2500 KG

LUXOR 100 L - VERSIONS WITH ALUMINIUM FLANGE



GW82931F



VERSIONS WITH BLACK RING - IP68

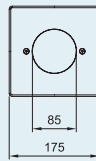
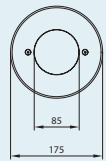
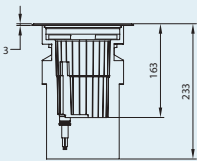


Code	Lamp power	Lamp	Lamp holder	Beam opening	Category of use	Power supply unit	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz - CLASS I								
GW 82 931 F	9 W	FBT	E27	103°	4		2.2	1
GW 82 932	50 W	HR	GZ10		2		2.2	1
VOLTAGE: 220 / 240 V - 50 / 60 Hz - CLASS I								
GW 82 933	3 x 1 W	White Led		8°	5	Internal	2.2	1
GW 82 934	3 x 1 W	Blue led		8°	5	Internal	2.2	1

NOTES: outer casing included.

GW82932 tilting optic +15; GW82931F lamp included. Use category in compliance with Standard EN 60598-2-13.

LUXOR 100 L - VERSIONS WITH STAINLESS STEEL FLANGE



LUXOR RANGE

GW82941F



VERSIONS WITH STAINLESS STEEL RING - IP68



Code	Lamp power	Lamp	Lamp holder	Beam opening	Category of use	Power supply unit	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz - CLASS I								
GW 82 941 F	9 W	FBT	E27	103°	4		2.3	1
GW 82 942	50 W	HR	GZ10		2		2.3	1
VOLTAGE: 220 / 240 V - 50 / 60 Hz - CLASS I								
GW 82 943	3x1 W	White Led		8°	5	Internal	2.3	1
GW 82 944	3x1 W	Blue led		8°	5	Internal	2.3	1

NOTES: outer casing included.

GW82942 tilting optic +15; GW82941F lamp included. Use category in compliance with Standard EN 60598-2-13.

VERSIONS WITH STAINLESS STEEL FRAME - IP68



Code	Lamp power	Lamp	Lamp holder	Beam opening	Category of use	Power supply unit	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz - CLASS I								
GW 82 946 F	9 W	FBT	E27	103°	4		2.3	1
GW 82 947	50 W	HR	GZ10		2		2.3	1
VOLTAGE: 220 / 240 V - 50 / 60 Hz - CLASS I								
GW 82 948	3x1 W	White Led		8°	5	Internal	2.3	1
GW 82 949	3x1 W	Blue led		8°	5	Internal	2.3	1

NOTES: outer casing included.

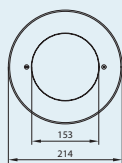
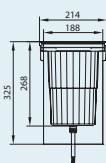
GW82947 tilting optic +15; GW82946F lamp included. Use category in compliance with Standard EN 60598-2-13.

GW82946F

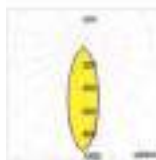


DRIVE OVER RECESSED LIGHTING SYSTEM 2000 KG WITH CIRCULAR OPTIC

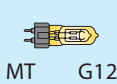
LUXOR 200 - VERSIONS WITH ALUMINIUM FLANGE



GW82953



VERSIONS WITH BLACK RING - IP68

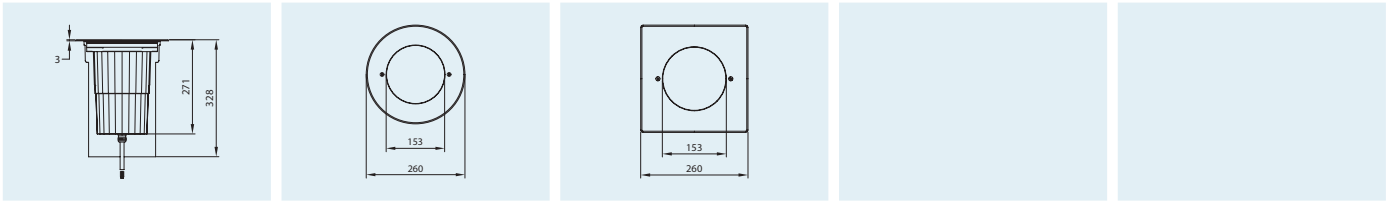


Code	Lamp power	Lamp	Lamp holder	Beam opening	Category of use	Power supply unit	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz - CLASS I								
GW 82 951	18 W	FSQ	G24d-2	60°	4	Internal	5.8	1
GW 82 953	35 W	MT	G12	7°	4	Internal	7.2	1
GW 82 954	35 W	MT	G12	34°	4	Internal	7.2	1
GW 82 955	70 W	MT	G12	7°	2	Internal	7.5	1
GW 82 956	70 W	MT	G12	34°	2	Internal	7.5	1
VOLTAGE: 220 / 240 V - 50 / 60 Hz - CLASS I								
GW 82 952	26 / 32 W	FSM	GX24q-3	104°	4	Internal	5.8	1

NOTES: outer casing included.

GW82953; GW82954; GW82955 and GW82956 tilting optic +15. Use category in compliance with Standard EN 60598-2-13.

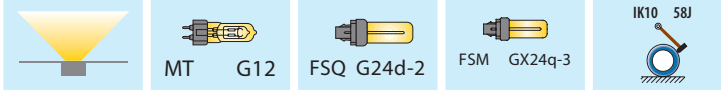
LUXOR 200 - VERSIONS WITH STAINLESS STEEL FLANGE



GW82973



VERSIONS WITH STAINLESS STEEL RING - IP68

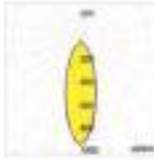


Code	Lamp power	Lamp	Lamp holder	Beam opening	Category of use	Power supply unit	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz - CLASS I								
GW 82 971	18 W	FSQ	G24d-2	60°	4	Internal	5.9	1
GW 82 973	35 W	MT	G12	7°	4	Internal	7.3	1
GW 82 974	35 W	MT	G12	34°	4	Internal	7.3	1
GW 82 975	70 W	MT	G12	7°	2	Internal	7.6	1
GW 82 976	70 W	MT	G12	34°	2	Internal	7.6	1
VOLTAGE: 220 / 240 V - 50 / 60 Hz - CLASS I								
GW 82 972	26 / 32 W	FSM	GX24q-3	104°	4	Internal	5.9	1

NOTES: outer casing included.

GW82973; GW82974; GW82975 and GW82976 tilting optic +15. Use category in compliance with Standard EN 60598-2-13.

GW82983



VERSIONS WITH STAINLESS STEEL FRAME - IP68



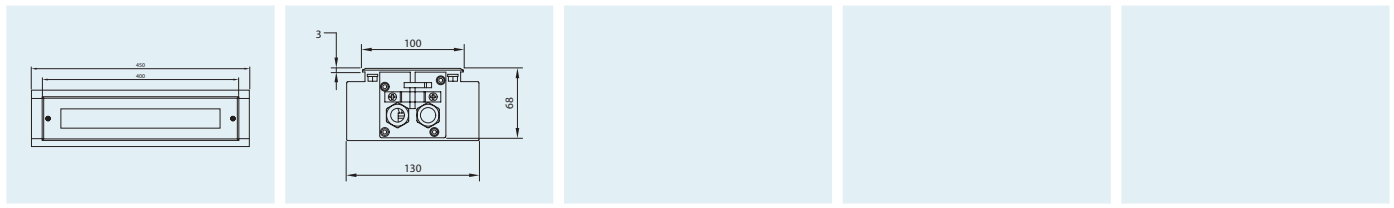
Code	Lamp power	Lamp	Lamp holder	Beam opening	Category of use	Power supply unit	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz - CLASS I								
GW 82 981	18 W	FSQ	G24d-2	60°	4	Internal	5.9	1
GW 82 983	35 W	MT	G12	7°	4	Internal	7.3	1
GW 82 984	35 W	MT	G12	34°	4	Internal	7.3	1
GW 82 985	70 W	MT	G12	7°	2	Internal	7.6	1
GW 82 986	70 W	MT	G12	34°	2	Internal	7.6	1
VOLTAGE: 220 / 240 V - 50 / 60 Hz - CLASS I								
GW 82 982	26 / 32 W	FSM	GX24q-3	104°	4	Internal	5.9	1

NOTES: outer casing included.

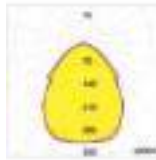
GW82983; GW82984; GW82985 and GW82986 tilting optic +15. Use category in compliance with Standard EN 60598-2-13.

DRIVE OVER RECESSED LIGHTING SYSTEM 1500 KG WITH RECTANGULAR OPTIC

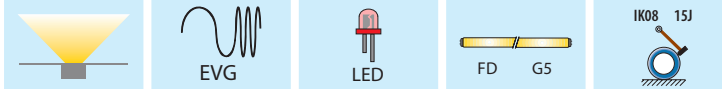
LUXOR 400 - VERSIONS WITH STAINLESS STEEL FLANGE



GW82991



VERSIONS WITH STAINLESS STEEL FRAME - IP67

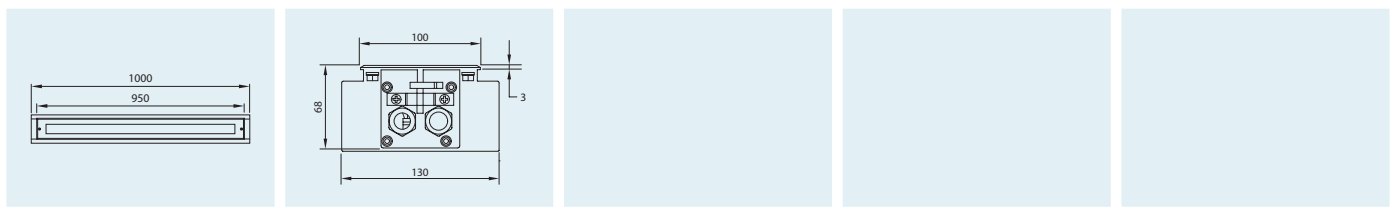


Code	Lamp power	Lamp	Lamp holder	Beam opening	Category of use	Power supply unit	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz - CLASS I								
GW 82 991	8 W	FD	G5	symm. 80°	5	Internal	3.2	1
GW 82 992	8 W	FD	G5	asymm. 15°	5	Internal	3.2	1
GW 82 993	6x1 W	White Led		symm. 90°	5	Internal	3.2	1

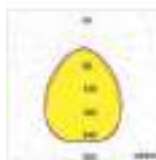
NOTES: outer casing included. Use category in compliance with Standard EN 60598-2-13.

DRIVE OVER RECESSED LIGHTING SYSTEM 2000 KG WITH RECTANGULAR OPTIC

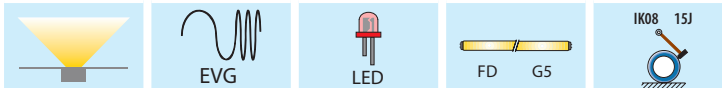
LUXOR 900 - VERSIONS WITH STAINLESS STEEL FLANGE



GW82996



VERSIONS WITH STAINLESS STEEL FRAME - IP67



Code	Lamp power	Lamp	Lamp holder	Beam opening	Category of use	Power supply unit	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz - CLASS I								
GW 82 996	39 W	FD	G5	symm. 80°	5	Internal	6.5	1
GW 82 997	39 W	FD	G5	asymm. 15°	5	Internal	6.5	1
GW 82 998	18x1 W	White Led		symm. 90°	5	Internal	6.5	1

NOTES: outer casing included. Use category in compliance with Standard EN 60598-2-13.

ARTICLES COMMON TO LUXOR RANGE

COMPLEMENTI TECNICI

GW82886



COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Material	Conf. Imb.
GW 82 881	External transformer 230/12 V 50 VA IP67		1
GW 82 882	Feedthrough connector Luxor flush-mounting elements		1/10
GW 82 886	Luxor 100 outer casing	Technopolymer	1
GW 82 887	Luxor 100L outer casing	Technopolymer	1
GW 82 888	Luxor 200 outer casing	Technopolymer	1
GW 82 889	Luxor 400 outer casing	AISI 304 stainless steel	1
GW 82 890	Luxor 900 outer casing	AISI 304 stainless steel	1

NOTE: GW82882 for use inside the outer casing with LUXOR 100, you must use the outer casing GW82887

SPARE PARTS

Code	Description	Temperature of colour	Conf. Imb.
GW 88 113	FBT 9W E27 lamp	6500 K	1

LUXOR WALL

Elements for surface flush-mounting

Range of die-cast or extruded aluminium devices for surface flush-mounting.

- Die-cast aluminium flanges.
- Symmetrical and asymmetrical versions.
- IP65 protection class.
- The same design as the CHORUS LUX domestic range.
- Versions with discharge, fluorescent or LED sources.



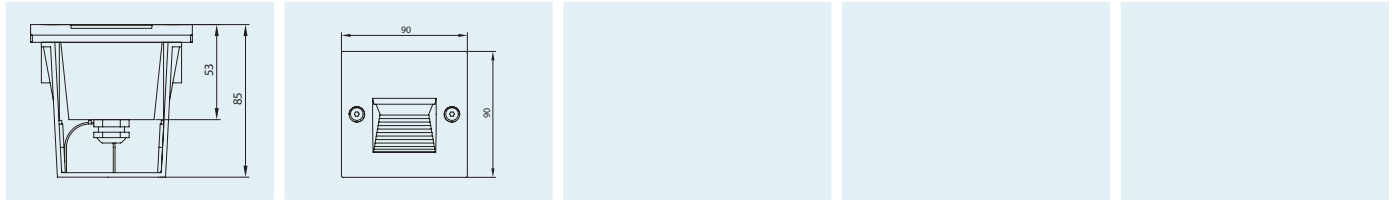
LUXOR WALL RANGE

WALL-RECESSED FITTINGS

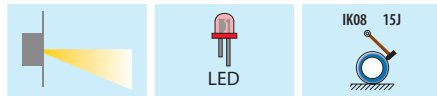


WALL-RECESSED FITTINGS

LUXOR WALL 90



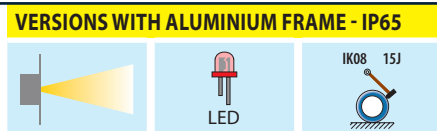
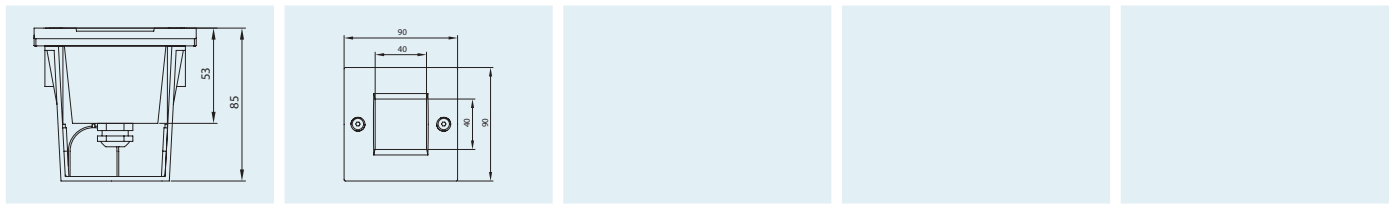
VERSIONS WITH ALUMINIUM FRAME - IP65



Code	Lamp power	Lamp	Insulation class	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220/230 V - 50/60 Hz						
GW 82 801	1 x 4 W	White Led - 5000 K	II	Aluminium	0.3	1
GW 82 101	1 x 4 W	White Led - 5000 K	II	Graphite grey	0.3	1

NOTES: outer casing included.

LUXOR WALL 90 S

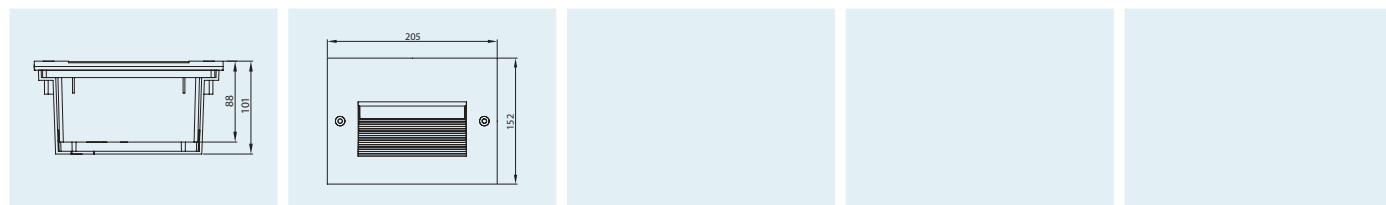


Code	Lamp power	Lamp	Insulation class	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220/230 V - 50/60 Hz						
GW 82 806	1 x 4 W	White Led - 5000 K	II	Aluminium	0.3	1
GW 82 106	1 x 4 W	White Led - 5000 K	II	Graphite grey	0.3	1

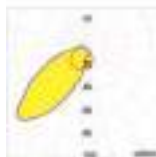
NOTES: outer casing included.

LUXOR WALL RANGE

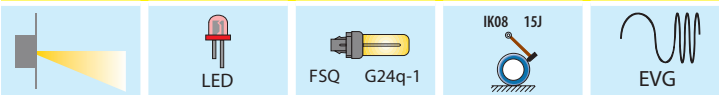
LUXOR WALL 220



GW82811



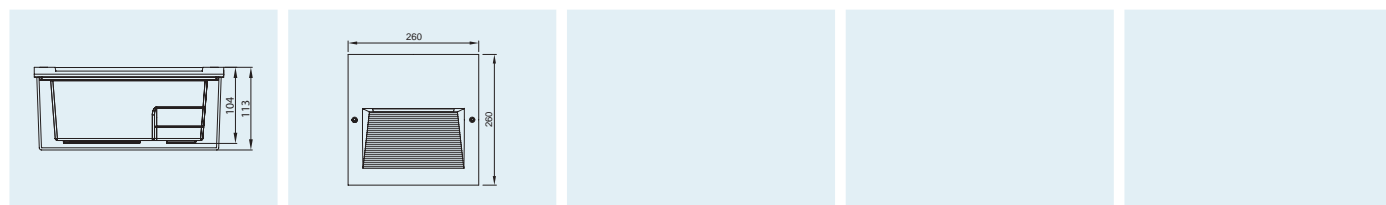
VERSIONS WITH ALUMINIUM FRAME - IP65



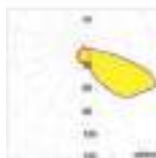
Code	Lamp power	Lamp	Lamp holder	Insulation class	Power supply unit	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz								
GW 82 811	10 W	FSQ	G24q-1	I	Internal	Aluminium	1.5	1
GW 82 111	10 W	FSQ	G24q-1	I	Internal	Graphite grey	1.5	1
GW 82 812	5 x 1 W	White Led		I	Internal	Aluminium	1.5	1
GW 82 112	5 x 1 W	White Led		I	Internal	Graphite grey	1.5	1
GW 82 813	5 x 1 W	Blue led		I	Internal	Aluminium	1.5	1
GW 82 113	5 x 1 W	Blue led		I	Internal	Graphite grey	1.5	1

NOTES: outer casing included.

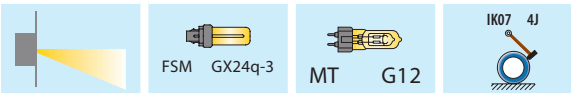
LUXOR WALL 250



GW82821



VERSIONS WITH ALUMINIUM FRAME - IP65



Code	Lamp power	Lamp	Lamp holder	Insulation class	Power supply unit	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz								
GW 82 821	26 / 32 W	FSM	GX24q-3	I	Internal	Aluminium	4.6	1
GW 82 121	26 / 32 W	FSM	GX24q-3	I	Internal	Graphite grey	4.6	1
VOLTAGE: 230 V - 50 Hz								
GW 82 822	35 W	MT	G12	I	Internal	Aluminium	4.6	1
GW 82 122	35 W	MT	G12	I	Internal	Graphite grey	4.6	1

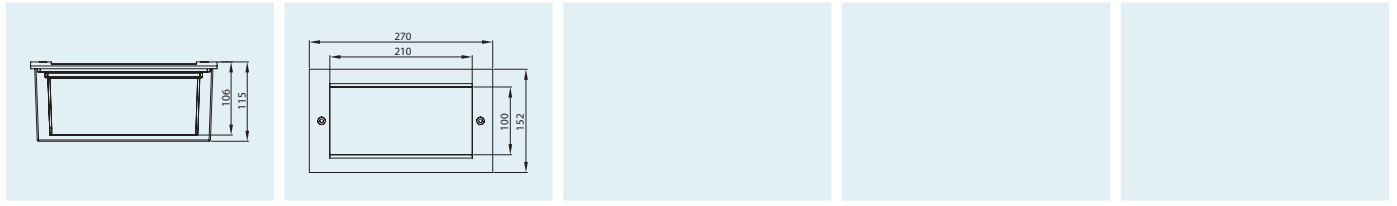
NOTES: outer casing included.

LUXOR WALL RANGE

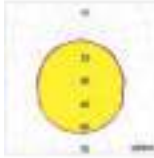
LUXOR WALL RANGE

WALL-RECESSED FITTINGS

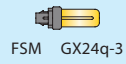
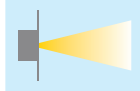
LUXOR WALL 260 S



GW82836



VERSIONS WITH ALUMINIUM FRAME - IP65

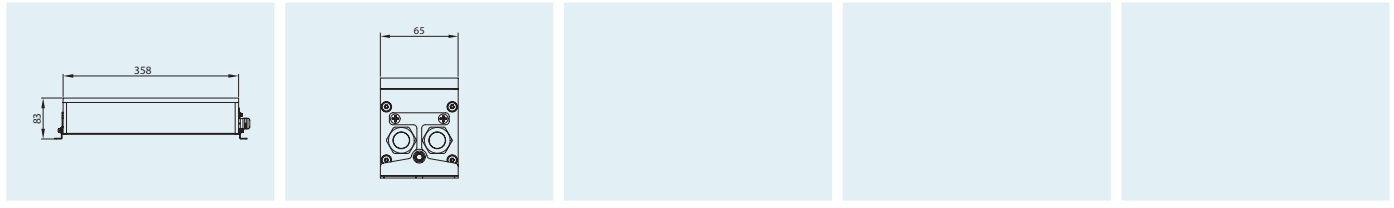


Code	Lamp power	Lamp	Lamp holder	Insulation class	Power supply unit	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz								
GW 82 836	26 W	FSM	GX24q-3	I	Internal	Aluminium	5.1	1
GW 82 136	26 W	FSM	GX24q-3	I	Internal	Graphite grey	5.1	1
GW 82 837	5 x 1 W	White Led		I	Internal	Aluminium	5.3	1
GW 82 137	5 x 1 W	White Led		I	Internal	Graphite grey	5.3	1
GW 82 838	5 x 1 W	Blue led		I	Internal	Aluminium	5.3	1
GW 82 138	5 x 1 W	Blue led		I	Internal	Graphite grey	5.3	1

NOTES: outer casing included.

SURFACE-MOUNTING DEVICES

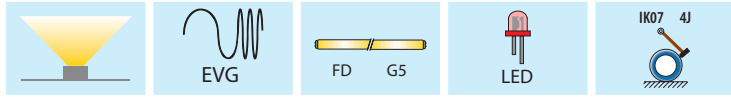
WALL WASHER 400



GW82841

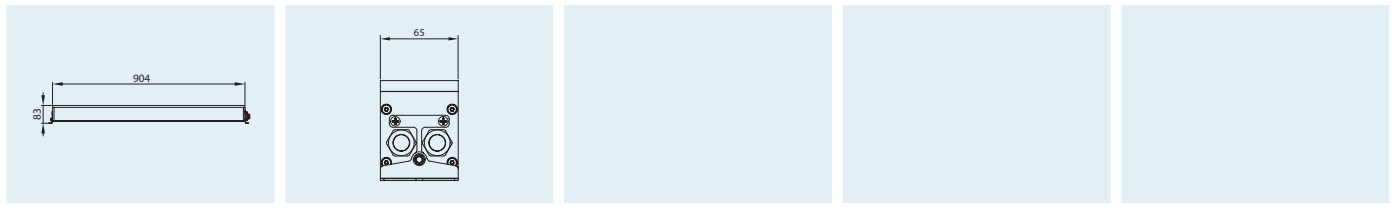


VERSIONS WITH STAINLESS STEEL FRAME - IP65



Code	Lamp power	Lamp	Lamp holder	Insulation class	Power supply unit	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz								
GW 82 841	8 W	FD	G5	I	Internal	Aluminium	1.6	1
GW 82 141	8 W	FD	G5	I	Internal	Graphite grey	1.6	1
GW 82 843	6 x 1 W	White Led		I	Internal	Aluminium	1.6	1
GW 82 143	6 x 1 W	White Led		I	Internal	Graphite grey	1.6	1

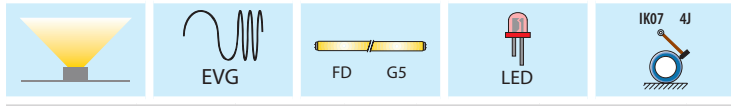
WALL WASHER 900



GW82842



VERSIONS WITH STAINLESS STEEL FRAME - IP65



Code	Lamp power	Lamp	Lamp holder	Insulation class	Power supply unit	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz								
GW 82 842	39 W	FD	G5	I	Internal	Aluminium	3.3	1
GW 82 142	39 W	FD	G5	I	Internal	Graphite grey	3.3	1
GW 82 844	18 x 1 W	White Led		I	Internal	Aluminium	3.3	1
GW 82 144	18 x 1 W	White Led		I	Internal	Graphite grey	3.3	1

LUXOR WALL RANGE

ARTICLES SHARED WITH LUXOR WALL RANGE

COMPLEMENTARY ITEMS

GW82896



COMPLEMENTARY ITEMS FOR INSTALLATION

Code	Description	Material	Conf. Imb.
GW 82 896	Luxor Wall 220 outer casing	Technopolymer	1
GW 82 897	Luxor Wall 250 outer casing	Technopolymer	1
GW 82 898	Luxor Wall 260 outer casing	Technopolymer	1

METROLIGHT

Modular flush-mounting elements

LED lighting system with wall washer optics consisting of combinable modules.

- Quick, hermetic wiring.
- Direct 230V power supply.
- IP67 protection class.
- Low surface temperature of the glass (40°).
- Resistance to static load of 500kg.

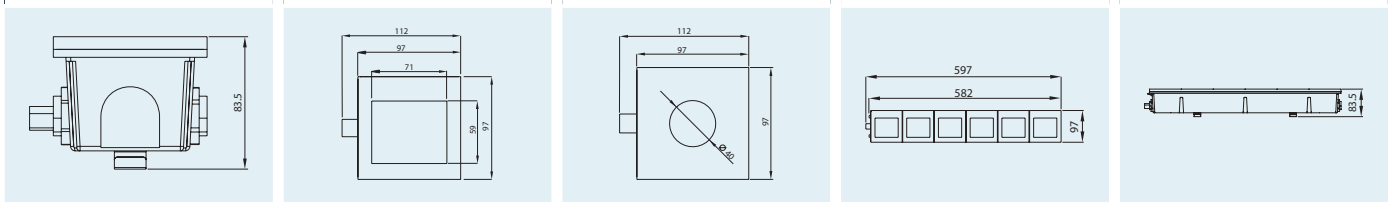


METROLIGHT RANGE

MODULAR FLUSH-MOUNTING ELEMENTS



METROLIGHT



COMPLETE KITS



WIRED KITS WITH LED SOURCES - IP67 - CLASS I



Code	No. of lamps	Overall power	Lamp	Number of modules	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220/230 V - 50/60 Hz							
GW 82 860	6	24 W	White Led - 5000 K	6	Black	4.3	1
GW 82 160	6	24 W	White Led - 5000 K	6	White	4.3	1

NOTES: supplied with GW82891 6-module outer casing, two closure caps and GW82894 connector.

LINEAR MODULAR FLUSH-MOUNTING ELEMENTS



WIRED VERSIONS WITH LED SOURCES - IP67 - CLASS I



Code	No. of lamps	Overall power	Lamp	Number of modules	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220/230 V - 50/60 Hz							
GW 82 861	1	4 W	White Led - 5000 K	1	Black	0.5	1
GW 82 161	1	4 W	White Led - 5000 K	1	White	0.5	1
GW 82 863	3	12 W	White Led - 5000 K	3	Black	1.5	1
GW 82 163	3	12 W	White Led - 5000 K	3	White	1.5	1
GW 82 862	6	24 W	White Led - 5000 K	6	Black	2.6	1
GW 82 162	6	24 W	White Led - 5000 K	6	White	2.6	1

GW82863 and GW82163 available on request.

ANGULAR MODULAR FLUSH-MOUNTING ELEMENTS



WIRED VERSIONS WITH LED SOURCES - IP67 - CLASS I



Code	No. of lamps	Overall power	Lamp	Number of modules	Angle	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220/230 V - 50/60 Hz								
GW 82 866	1	4 W	White Led - 5000 K	1	Right	Black	0.5	1
GW 82 867	1	4 W	White Led - 5000 K	1	Left	Black	0.5	1
GW 82 166	1	4 W	White Led - 5000 K	1	Right	White	0.5	1
GW 82 167	1	4 W	White Led - 5000 K	1	Left	White	0.5	1

METROLIGHT RANGE

JOINING ELEMENTS

GW82870



UNWIRED JOINING VERSIONS - IP67					
Code	Description	Number of modules	Colour	Weight (kg)	Conf. lmb.
GW 82 870	Neutral element to be interpos between light elements	1	Black	0.5	1
GW 82 170	Neutral element to be interpos between light elements	1	White	0.8	1
GW 82 869	Neutral element to be interpos between light elements	6	Black	1.8	1
GW 82 169	Neutral element to be interpos between light elements	6	White	1.8	1

COMPLEMENTARY ITEMS

GW82891

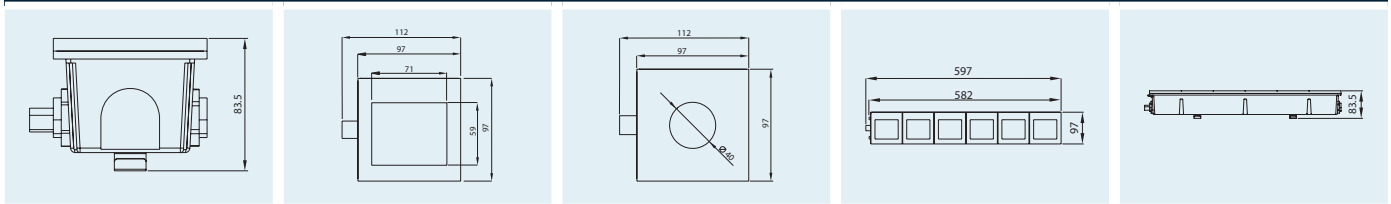


INSTALLATION TECHNICAL COMPONENTS						
Code	Description	Number of modules	Material	Colour	Weight (kg)	Conf. lmb.
GW 82 891	Linear outer casing	6	Technopolymer	Black	0.8	1/12
GW 82 892	Angular outer casing	3	Technopolymer	Black	0.4	1/4
GW 82 893	Outer casing cap		Technopolymer	Black		1/2
GW 82 899	Outer casing cap		Technopolymer	White		1/2
GW 82 894	Power supply connector 3 poles					1/10

METROLIGHT RANGE

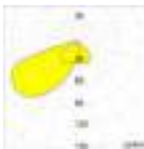
MODULAR FLUSH-MOUNTING ELEMENTS

METROLIGHT RGB



COMPLETE KITS

GW82880



WIRED KIT WITH LED SOURCES - IP67 - CLASS I

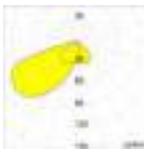


Code	No. of lamps	Overall power	Lamp	Number of modules	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 100/240 V - 50/60 Hz							
GW 82 880	6	18 W	RGB Led	6	Black	4.3	1
GW 82 180	6	18 W	RGB Led	6	White	4.3	1

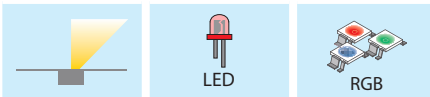
NOTES: supplied with GW82891 6-module outer casing, two closure caps and GW82895 connector.

LINEAR MODULAR FLUSH-MOUNTING ELEMENTS

GW82871



WIRED VERSIONS WITH P.F. CORRECTION, WITH LED SOURCES - IP67 - CLASS I

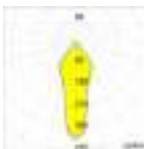


Code	No. of lamps	Overall power	Lamp	Number of modules	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 100/240 V - 50/60 Hz							
GW 82 871	1	3 W	RGB Led	1	Black	0.5	1
GW 82 171	1	3 W	RGB Led	1	White	0.5	1
GW 82 873	3	9 W	RGB Led	3	Black	1.5	1
GW 82 173	3	9 W	RGB Led	3	White	1.5	1
GW 82 872	6	18 W	RGB Led	6	Black	2.6	1
GW 82 172	6	18 W	RGB Led	6	White	2.6	1

GW82873 and GW82173 available on request

ANGULAR MODULAR FLUSH-MOUNTING ELEMENTS

GW82876



WIRED VERSIONS WITH LED SOURCES - IP67 - CLASS I



Code	No. of lamps	Overall power	Lamp	Number of modules	Angle	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 100/240 V - 50/60 Hz								
GW 82 876	1	3 W	RGB Led	1	Right	Black	0.5	1
GW 82 176	1	3 W	RGB Led	1	Right	White	0.5	1
GW 82 877	1	3 W	RGB Led	1	Left	Black	0.5	1
GW 82 177	1	3 W	RGB Led	1	Left	White	0.5	1

COMPLEMENTARY ITEMS

GW85691



RGB CONTROL MODULE

Code	Max. manageable equip.	No. Chorus modules	Comm. protocol	Display	Weight (kg)	Conf. lmb.
VOLTAGE: 12 V - 50/60 Hz						
GW 85 691	20	3	DMX	O-Led	0.5	1

NOTE: to be installed on a Chorus 3 gang frame. Using the repeater/splitter GW85692, it is possible to increase the number of devices that can be managed.
For the KNX-DMX interface, refer to the Domotics catalogue.



TECHNICAL COMPONENTS FOR THE DMX SYSTEM

Code	Description	Voltage	Number of outputs	Conf. lmb.
GW 85 692	DMX repeater / splitter	100/240 V - 50/60 Hz	4	1
GW 82 191	DMX address replicator	12 V		1

GW82891



INSTALLATION TECHNICAL COMPONENTS

Code	Description	Number of modules	Material	Colour	Weight (kg)	Conf. lmb.
GW 82 891	Linear outer casing	6	Technopolymer	Black	0.8	1/12
GW 82 892	Angular outer casing	3	Technopolymer	Black	0.4	1/4
GW 82 893	Outer casing cap		Technopolymer	Black		1/2
GW 82 899	Outer casing cap		Technopolymer	White		1/2
GW 82 895	5 poles power supply connector for RGB versions					1/10

EXTRO range

Multifunctional illumination devices

Multifunctional technopolymer illumination device.

- Greatest versatility of installation (wall, ceiling, on pole and column).
- IP55 protection class.
- Insulation class I.
- Wide range of light sources that may be housed.
- Emergency versions available for 26W and 32W lamps.



EXTRO RANGE

MULTIFUNCTIONAL ILLUMINATION DEVICES

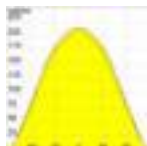


MULTIFUNCTIONAL DEVICES



STANDARD

GW82281S



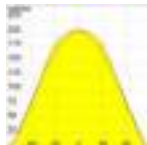
WIRED VERSIONS WITH P.F. CORRECTION COMPLETE WITH LAMP - IP55 - CLASS I



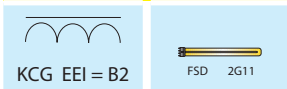
Code	Lamp power	Lamp supplied	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz						
GW 82 281 S	70 W	SE*	E27	Graphite grey	3.6	1/2
GW 82 214 S	70 W	SE*	E27	White	3.6	1/2
GW 82 282 M	100 W	ME	E27	Graphite grey	3.7	1/2
GW 82 216 M	100 W	ME	E27	White	3.7	1/2
GW 82 283 Q	80 W	QE	E27	Graphite grey	3.5	1/2
GW 82 218 Q	80 W	QE	E27	White	3.5	1/2

Use lamps with built-in ignitor.

GW82284



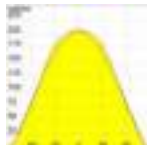
WIRED VERSIONS WITH P.F. CORRECTION- IP55 - CLASS I



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 82 284	2	18 W	FSD	2G11	Graphite grey	3	1/2
GW 82 212	2	18 W	FSD	2G11	White	3	1/2

EXTRO RANGE

GW82206



VERSIONS FOR INCANDESCENT LAMPS AND FLUORESCENT ELECTRONIC LAMPS



Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
GW 82 206	100 W	IA / IB - FBT	E27	Graphite grey	2.4	1/2
GW 82 202	100 W	IA / IB - FBT	E27	White	2.4	1/2

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate. Electrical components: lampholder with cables, supply terminal. Devices are supplied with standard service items.

GW82286



WIRED VERSIONS WITH P.F. CORRECTION - IP55 - CLASS I - ELECTRONIC POWER SUPPLY

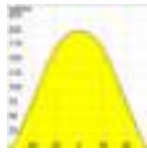


Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 82 286	2	26 - 32 W	FSM	GX24q-3	Graphite grey	2.5	1/2
GW 82 242	2	26 - 32 W	FSM	GX24q-3	White	2.5	1/2

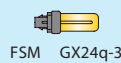
The electronic power supply versions can house both 26 W and 32 W compact fluorescent lamps with GX24q-3 coupling.

EMERGENCY VERSIONS

GW82246



WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS I - ELECTRONIC POWER SUPPLY



Code	Lamp power	Lamp	Lamp holder	Flow lum. in emerg. (lm)	Autonomy	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz								
GW 82 246	26 - 32 W	FSM	GX24q-3	290 / 385	1 h	Graphite grey	2.8	1/2
GW 82 247	26 - 32 W	FSM	GX24q-3	290 / 385	1 h	White	2.8	1/2

COMPLEMENTARY ITEMS FOR WALL INSTALLATION

GW82290



SWIVEL BRACKET

Code	Material	Outer dim. LxHxD (mm)	Colour	Conf. lmb.
GW 82 290	Die-cast aluminium	140x120x100	Graphite grey	1/6
GW 82 255	Die-cast aluminium	140x120x100	White	1/6

APPLICATIONS: allows surface installation of the device and to adjust the vertical inclination by 45° upwards and 45° downwards with respect to the horizontal axis.

GW82291



ANGLE BRACKET

Code	Material	Outer dim. LxHxD (mm)	Colour	Conf. lmb.
GW 82 291	Die-cast aluminium	90x80x100	Graphite grey	1/5
GW 82 253	Die-cast aluminium	90x80x100	White	1/5

APPLICATIONS: allows installation of the device on 90° corners.

COMPLEMENTARY ITEMS FOR INSTALLATION ON COLUMNS

GW82292



SINGLE LUMINAIRES SUPPORT COLUMN

Code	Material	Height (mm)	Planting recommended	Colour	Conf. lmb.
GW 82 292	Extruded aluminium	1300	250 mm	Graphite grey	1
GW 82 259	Extruded aluminium	1300	250 mm	White	1
GW 82 293	Extruded aluminium	3000	500 mm	Graphite grey	1
GW 82 263	Extruded aluminium	3000	500 mm	White	1

GW82294



SUPPORT COLUMN FOR SINGLE DEVICE, COMPLETE WITH IP55 PLATES FOR 3 SYSTEM RANGE MODULES

Code	Material	Accessories supplied	Height (mm)	Planting recommended	Colour	Conf. lmb.
GW 82 294	Extruded aluminium	3P Enclosure - black	1300	250 mm	Graphite grey	1
GW 82 273	Extruded aluminium	3P Enclosure - white	1300	250 mm	White	1

GW82295



DOUBLE LUMINAIRES SUPPORT COLUMN

Code	Material	Height (mm)	Planting recommended	Colour	Conf. lmb.
GW 82 295	Extruded aluminium	1300	250 mm	Graphite grey	1
GW 82 261	Extruded aluminium	1300	250 mm	White	1
GW 82 296	Extruded aluminium	3000	500 mm	Graphite grey	1
GW 82 265	Extruded aluminium	3000	500 mm	White	1

GW82297



RECTANGULAR BASE FOR SUPPORT COLUMN OF MAX. HEIGHT 1300 MM

Code	Material	Outer dim. LxHxD (mm)	Colour	Conf. lmb.
GW 82 297	Extruded aluminium	300x202x315	Graphite grey	1/4
GW 82 267	Extruded aluminium	300x202x315	White	1/4

CHARACTERISTICS: the fixing of the base + column assembly to the concrete is made either with clamps drowned in the concrete, or with wall plugs with max screw Ø = 12mm.

ACCESSORIES SUPPLIED: 2 screws, M4x12, for fixing the column to the base.

COMPLEMENTARY ITEMS FOR INSTALLATION ON POLE



GW82298

POLE MOUNTING SINGLE SWIVEL BRACKET Ø 60 MM

Code	Material	Outer dim. LxHxD (mm)	Colour	Conf. lmb.
GW 82 298	Die-cast aluminium	160x140x100	Graphite grey	1/5
GW 82 257	Die-cast aluminium	160x140x100	White	1/5

APPLICATIONS: allows installation of the device on Ø 60 mm pole and to adjust the vertical inclination by 90° upwards and 45° downwards.



GW82299

POLE MOUNTING DOUBLE SWIVEL BRACKET Ø 60 MM

Code	Material	Outer dim. LxHxD (mm)	Colour	Conf. lmb.
GW 82 299	Die-cast aluminium	160x140x100	Graphite grey	1/5
GW 82 270	Die-cast aluminium	160x140x100	White	1/5

APPLICATIONS: allows installation of the device on Ø 60 mm pole and to adjust the vertical inclination by 90° upwards and 45° downwards.

STEEL POLES



GW86775

CYLINDRICAL GALVANIZED STEEL POLES Ø 60 MM

Code	Length (mm)	Ø (mm)	Planting recommended	Colour	Weight (kg)	Conf. lmb.
GW 86 775	1000	60	200 mm	Graphite grey	2.8	1
GW 86 776	2000	60	300 mm	Graphite grey	4	1
GW 86 777	3000	60	500 mm	Graphite grey	6	1
GW 86 778	5000	60	500 mm	Graphite grey	13	1



GW82289

ROUND BASE FOR FIXING STEEL POLES Ø 60 MM OF MAX. HEIGHT 2000 MM

Code	Material	Dimensions (mm)	Colour	Conf. lmb.
GW 82 289	Steel	Ø 230 x h 350	Graphite grey	1/2

ACCESSORIES SUPPLIED: 2 screws, M6x12, for fixing the pole to the base.

CHARACTERISTICS: the fixing of the base + pole assembly to the concrete is made either with clamps drowned in the concrete, or with wall plugs with max screw Ø = 12mm.

FIBREGLASS POLES



GW86771

CYLINDRICAL FIBREGLASS POLES Ø 60 MM

Code	Length (mm)	Ø (mm)	Planting recommended	Colour	Weight (kg)	Conf. lmb.
GW 86 771	1000	60	200 mm	Smoke grey	0.6	1
GW 86 772	2000	60	300 mm	Smoke grey	1.3	1
GW 86 773	3000	60	400 mm	Smoke grey	2	1

APPLICATIONS: particularly suitable for installations in marine environments or those especially exposed to corrosive agents.

NOTES: pole to drive into the ground.

COMPLEMENTARY ITEMS



GW88272

SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 88 272	Tempered glass	280x250	0.7	1/5

BOLLA/GUSCIO range

Watertight compact ceiling-mounting luminaires

Watertight compact polycarbonate ceiling-mounting luminaires

- IP55 protection class.
- Insulation class II.
- Versions for electronic supply fluorescent lamps.
- Versions with variable threshold light-sensitive sensor.
- Affordable operation.

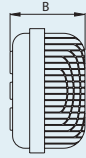
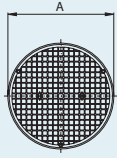


BOLLA/GUSCIO RANGE

WATERTIGHT COMPACT CEILING MOUNTING LUMINAIRES



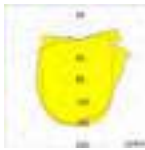
BOLLA



LAMP POWER	A	B
60W	200	115
2 x 7 W	200	115
100W	260	140
2 x 9W	260	140
1 x 13W	200	115
2 x 13W	260	140

BOLLA 200

GW80761

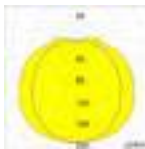


VERSIONS FOR INCANDESCENT LAMPS AND FLUORESCENT ELECTRONIC LAMPS - IP55 - CLASS II

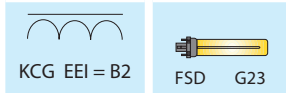


Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
GW 80 761	60 W	IA / IB - FBT	E27	Graphite grey	0.4	1/10
GW 80 616	60 W	IA / IB - FBT	E27	Grey RAL 7035	0.4	1/10

GW80762

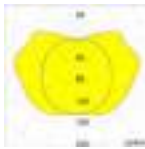


WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS II

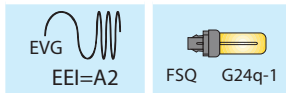


Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 80 762	2	7 W	FSD	G23	Graphite grey	0.8	1/10
GW 80 619	2	7 W	FSD	G23	Grey RAL 7035	0.8	1/10

GW80591



WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS II - ELECTRONIC POWER SUPPLY

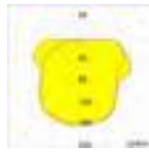


Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz							
GW 80 591	1	13 W	FSQ	G24q-1	Grey RAL 7035	0.5	1/10

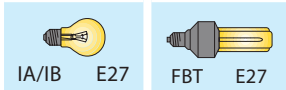
BOLLA/GUSCIO RANGE

BOLLA 260

GW80763

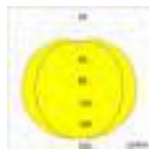


VERSIONS FOR INCANDESCENT LAMPS AND FLUORESCENT ELECTRONIC LAMPS - IP55 - CLASS II

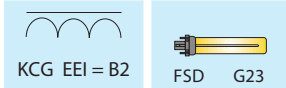


Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
GW 80 763	100 W	IA / IB - FBT	E27	Graphite grey	0.7	1/4
GW 80 622	100 W	IA / IB - FBT	E27	Grey RAL 7035	0.7	1/4

GW80764

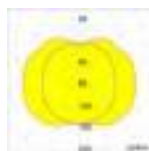


WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS II



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 80 764	2	9 W	FSD	G23	Graphite grey	1.2	1/4
GW 80 625	2	9 W	FSD	G23	Grey RAL 7035	1.2	1/4

GW80592



WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS II - ELECTRONIC POWER SUPPLY

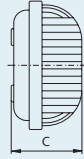
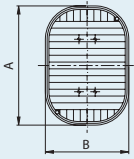


Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz							
GW 80 592	2	13 W	FSQ	G24q-1	Grey RAL 7035	1	1/4

BOLLA/GUSCIO RANGE

WATERTIGHT COMPACT CEILING MOUNTING LUMINAIRES

GUSCIO



LAMP POWER	A	B	C
60W	250	175	130
1 x 9W	250	175	130
2 x 9W	250	175	130
100W	320	225	165
1 x 26W	320	225	165
1 x 13W	250	175	130

GUSCIO 250

GW80771

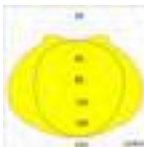


VERSIONS FOR INCANDESCENT LAMPS AND FLUORESCENT ELECTRONIC LAMPS - IP55 - CLASS II

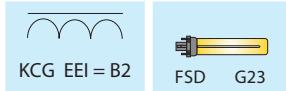


Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
GW 80 771	60 W	IA / IB - FBT	E27	Graphite grey	0.5	1/10
GW 80 601	60 W	IA / IB - FBT	E27	Grey RAL 7035	0.5	1/10

GW80772

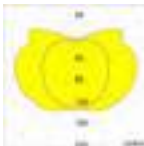


WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS II



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 80 772	1	9 W	FSD	G23	Graphite grey	0.9	1/10
GW 80 604	1	9 W	FSD	G23	Grey RAL 7035	0.9	1/10
GW 80 773	2	9 W	FSD	G23	Graphite grey	0.9	1/10
GW 80 607	2	9 W	FSD	G23	Grey RAL 7035	0.9	1/10

GW80646



WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS II - ELECTRONIC POWER SUPPLY

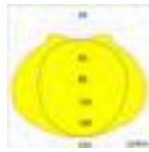


Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz							
GW 80 646	1	13 W	FSQ	G24q-1	Grey RAL 7035	0.7	1/10

BOLLA/GUSCIO RANGE

GUSCIO 250 - CREPUSCOLAR

GW80644



WIRED VERSIONS FOR FLUORESCENT LAMPS WITH PHOTO-ELECTRIC CELL - IP55 - CLASS II



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 80 644	1	9 W	FSD	G23	Grey RAL 7035	1	1/6
GW 80 645	2	9 W	FSD	G23	Grey RAL 7035	1	1/6

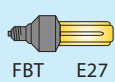
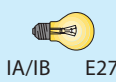
CHARACTERISTICS: photo-electric cell with adjustable tripping threshold (from 5 to 120 lux).

GUSCIO 320

GW80774

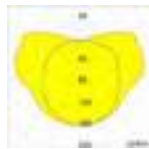


VERSIONS FOR INCANDESCENT LAMPS AND FLUORESCENT ELECTRONIC LAMPS - IP55 - CLASS II

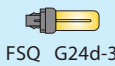
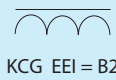


Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
GW 80 774	100 W	IA / IB - FBT	E27	Graphite grey	0.9	1/6
GW 80 610	100 W	IA / IB - FBT	E27	Grey RAL 7035	0.9	1/6

GW80775



WIRED VERSIONS FOR FLUORESCENT LAMPS - IP55 - CLASS II



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 80 775	1	26 W	FSQ	G24d-3	Graphite grey	1.5	1/6
GW 80 613	1	26 W	FSQ	G24d-3	Grey RAL 7035	1.5	1/6

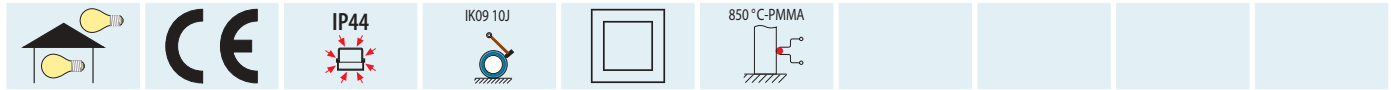
TONDA ES range

Protected ceiling-mounting luminaires

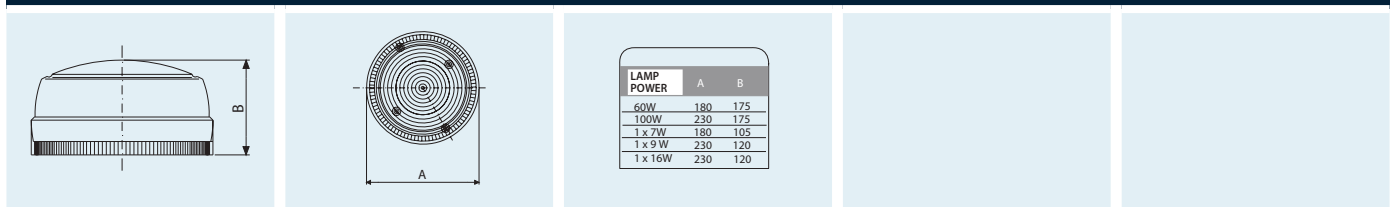
Protected polycarbonate ceiling-mounting luminaire for internal and external use.

- High mechanical robustness.
- IP44 protection class.
- Insulation class II.
- Installation flexibility with power supply input both from the bottom and laterally, for systems buried in concrete, or external ones.








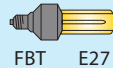
TONDA ES



TONDA 180



VERSIONS FOR INCANDESCENT LAMPS AND FLUORESCENT ELECTRONIC LAMPS - IP44 - CLASS II


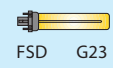
GW80651  

 IA/IB E27  FBT E27

Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
GW 80 651	60 W	IA / IB - FBT	E27	Grey RAL 7035	0.3	1/24

WIRED VERSIONS FOR FLUORESCENT LAMPS - IP44 - CLASS II



GW80653  


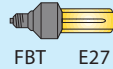
 KCG EEI = B2  FSD G23

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 80 653	1	7 W	FSD	G23	Grey RAL 7035	0.7	1/24

TONDA 230



VERSIONS FOR INCANDESCENT LAMPS AND FLUORESCENT ELECTRONIC LAMPS - IP44 - CLASS II

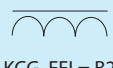
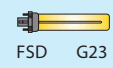

GW80652  

 IA/IB E27  FBT E27

Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
GW 80 652	100 W	IA / IB - FBT	E27	Grey RAL 7035	0.4	1/14

VERSION WITH EQUIPOTENTIAL FOR FLUORESCENT LAMPS - IP44 - CLASS II

GW80654  

 KCG EEI = B2  FSD G23  FSS GR8-2d

Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz							
GW 80 654	1	9 W	FSD	G23	Grey RAL 7035	0.9	1/14
GW 80 656	1	16 W	FSS	GR8-2d	Grey RAL 7035	0.9	1/14

TONDA ES RANGE

INDOORS



DOWNLIGHTS

ASTRID 210

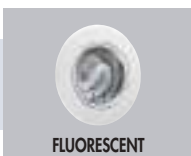


IP20

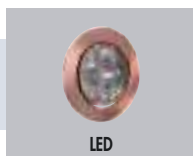


IP44

ASTRID 75



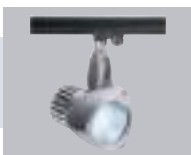
FLUORESCENT



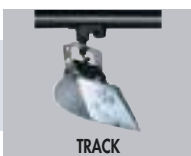
LED

TRACK AND WALL MOUNTED LUMINARIES

DEDALO



DOMUS



TRACK



APPLIQUE

GPF



APPLIQUE



FREE STANDING

CEILING LUMINARIES

MANTA



IRIDE



ASTRID 210 range

Professional flush-mounting downlighters

Professional flush-mounting system with compact fluorescent sources.

- Quick assembly with the special adjustable hook system.
- Maximum glare reduction.
- Emergency and electronic power supply versions available.













ASTRID 210 RANGE

PROFESSIONAL FLUSH-MOUNTING DOWNLIGHTERS

PEAK PERFORMANCES

Astrid compact fluorescent lamps have the highest light emitting, greater than 69 lumen/W. They are available with both conventional and electronic supply units. The horizontal arrangement of the lamps makes the total height of the device suitable even for very low false ceilings.

			WIDTH BEAM CLASSIFICATION			
			BZ METHOD	DIN 5040 METHOD	CIE METHOD	UTE METHOD
	1 x 18 W	IP20	BZ 4/0.8 BZ3	A 40	5/4/4/3/3/3/ 3/3/3/3/4/4	0,71D + 0,00T
	2 x 18 W		BZ 4/0.6 BZ3	A 40	4/4/4/3/3/3/ 3/3/3/3/3/4	0,71D + 0,00T
	1 x 26 W		BZ 4/0.8 BZ3	A 40	4/4/4/3/3/3/ 3/3/3/3/3/4	0,70D + 0,00T
	2 x 26 W		BZ 4/0.6 BZ3	A 40	4/4/4/3/3/3/ 3/3/3/3/3/4	0,70D + 0,00T
	1 x 32 W		BZ 4/0.6 BZ3	A 40	4/4/4/3/3/3/ 3/3/3/3/3/4	0,70D + 0,00T
	2 x 32 W		BZ 3	A 40	4/4/3/3/3/3/ 3/3/3/3/3/4	0,70C + 0,00T
	1 x 18 W	IP44	BZ 2/1.5 BZ 1/4 BZ 2	A 60	2/1/1/1/1/1/ 1/1/1/1/1/1	0,57B + 0,00T
	2 x 18 W		BZ 2	A 50	2/2/2/2/2/1/ 1/1/1/2/2/2	0,54C + 0,00T
	1 x 26 W		BZ 2/2 BZ 1/2.5 BZ 2/3 BZ 1/4 BZ 2	A 60	2/2/1/1/1/1/ 1/1/1/1/1/1	0,55B + 0,00T
	2 x 26 W		BZ 2	A 60	2/2/2/1/1/1/ 1/1/1/1/1/1	0,54B + 0,00T
	1 x 32 W		BZ 2/1.5 BZ 1/4 BZ 2	A 60	2/1/1/1/1/ 1/1/1/1/1/1	0,58B + 0,00T

INSTALLATION COMPLIANT WITH CIE SUGGESTIONS AS TO TYPE OF ROOM, ILLUMINATION LEVEL AND GLARE CONTROL CLASS																
Type of room (CEI ref.)	HOTELS		AUDITORIUMS		LIBRARIES	SHOPS AND DEPARTMENT STORES			HOSPITALS		SCHOOLS AND UNIVERSITIES		OFFICES			
	Common rooms, eating areas		Bedrooms	Theatres and concert halls, multipurpose		Reading tables	Areas of public passage	Display of goods	Windows displays	Aisles	Aisles: reading	Classrooms and lecture halls		General, meeting rooms	Rooms with VDT	
Average illumination level (lux)	100	300	300	100	200	500	200	500	750	100	200	300	500	500	300	
Glare control classes	A	A	B	B	B	B	B	B	B	A	A	B	B	B	A	
1 x 18 W 2 x 18 W 1 x 26 W 2 x 26 W 1 x 32 W 2 x 32 W	IP20	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	
		✓		✓	✓	✓	✓	✓			✓	✓	✓			
				✓	✓	✓		✓					✓			
		✓			✓	✓		✓			✓	✓				
				✓	✓	✓		✓					✓			
		✓			✓	✓		✓			✓	✓				
1 x 18 W 2 x 18 W 1 x 26 W 2 x 26 W 1 x 32 W	IP44	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

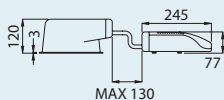
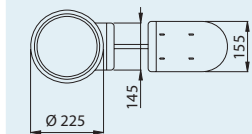
ASTRID 210 RANGE

ASTRID 210 RANGE

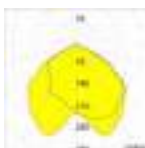
PROFESSIONAL FLUSH-MOUNTING DOWNLIGHTERS



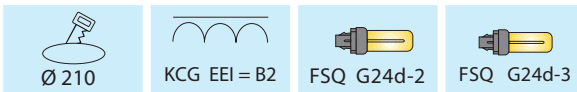
IP20



STANDARD

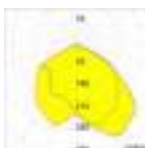


WIRED VERSIONS FOR FLUORESCENT LAMPS - IP20 - CLASS II



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 82 301	1	18 W	FSQ	G24d-2	White	1.6	1
GW 82 302	2	18 W	FSQ	G24d-2	White	1.8	1
GW 82 303	1	26 W	FSQ	G24d-3	White	1.7	1
GW 82 304	2	26 W	FSQ	G24d-3	White	2.2	1

ELECTRONIC POWER SUPPLY



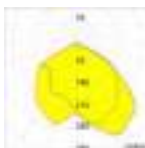
WIRED VERSIONS FOR FLUORESCENT LAMPS - IP20 - CLASS II



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 82 341	1	18 W	FSM	GX24q-2	White	1.4	1
GW 82 342	2	18 W	FSM	GX24q-2	White	1.4	1
GW 82 343	1	26 - 32 W	FSM	GX24q-3	White	1.4	1
GW 82 344	2	26 - 32 W	FSM	GX24q-3	White	1.4	1

GW82343 and GW82344: the product can house both 26 W and 32 W compact fluorescent lamps with GX24q-3 coupling.

EMERGENCY VERSIONS



WIRED VERSIONS FOR FLUORESCENT LAMPS - IP20 - CLASS II



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Autonomy	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz								
GW 82 347	1	18 W	FSM	GX24q-2	1 h	White	1.7	1
GW 82 348	2	18 W	FSM	GX24q-2	1 h	White	1.7	1
GW 82 349	1	26 - 32 W	FSM	GX24q-3	1 h	White	1.7	1
GW 82 350	2	26 W	FSM	GX24q-3	1 h	White	1.7	1
GW 82 371	2	32 W	FSM	GX24q-3	1 h	White	1.8	1

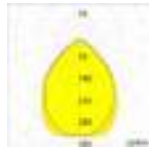
CHARACTERISTICS: in emergency mode, only one lamp works.

GW82349: the product can house compact fluorescent lamps of both 26W and 32W, with GX24q-3 coupling.

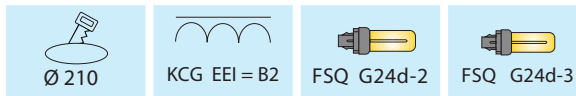
IP44

STANDARD - WITH SCREEN

GW82322



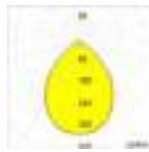
WIRED VERSIONS FOR FLUORESCENT LAMPS - IP44 - CLASS II



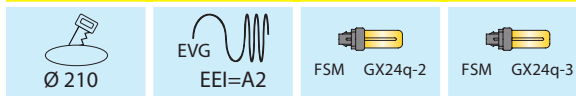
Code	No. of lamps	Lamp power	Lamp	Lamp holder	Shield type	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz								
GW 82 321	1	18 W	FSQ	G24d-2	Acid-treated glass	White	1.9	1
GW 82 322	2	18 W	FSQ	G24d-2	Acid-treated glass	White	2.1	1
GW 82 323	1	26 W	FSQ	G24d-3	Acid-treated glass	White	2	1
GW 82 324	2	26 W	FSQ	G24d-3	Acid-treated glass	White	2.5	1

ELECTRONIC POWER SUPPLY - WITH SCREEN

GW82352



WIRED VERSIONS FOR FLUORESCENT LAMPS - IP44 - CLASS II

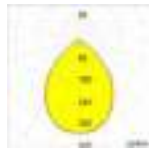


Code	No. of lamps	Lamp power	Lamp	Lamp holder	Shield type	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz								
GW 82 351	1	18 W	FSM	GX24q-2	Acid-treated glass	White	1.7	1
GW 82 352	2	18 W	FSM	GX24q-2	Acid-treated glass	White	1.7	1
GW 82 353	1	26 - 32 W	FSM	GX24q-3	Acid-treated glass	White	1.7	1
GW 82 354	2	26 W	FSM	GX24q-3	Acid-treated glass	White	1.7	1

GW82353: the product can house both 26 W and 32 W compact fluorescent lamps with GX24q-3 coupling.

EMERGENCY VERSION - WITH SCREEN

GW82358



WIRED VERSIONS FOR FLUORESCENT LAMPS - IP44 - CLASS II



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Autonomy	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz								
GW 82 357	1	18 W	FSM	GX24q-2	1 h	White	2	1
GW 82 358	2	18 W	FSM	GX24q-2	1 h	White	2	1
GW 82 359	1	26 - 32 W	FSM	GX24q-3	1 h	White	2	1
GW 82 360	2	26 W	FSM	GX24q-3	1 h	White	2	1

CHARACTERISTICS: in emergency mode, only one lamp works.

GW82359: the product can house compact fluorescent lamps of both 26W and 32W, with GX24q-3 coupling.

COMPLEMENTARY ITEMS

GW82361



SPARE PARTS

Code	Description	Material	Weight (kg)	Conf. Imb.
GW 82 361	Glass	Tempered glass	0.3	1

NOTE: spare glass suitable for assembly on Astrid 210 IP44, cannot be used to increase the degree of protection of the IP20 version

ASTRID 75 range

Decorative flush-mounting downlighters

Decorative flush-mounting with fluorescent or LED sources.

- Lower operating temperatures thanks to the 7W/14W fluorescent sources or 3W LED sources.
- Available in four colours: white, aluminium, gold and bronze.
- Power supply for fluorescent lamps directly from the grid.

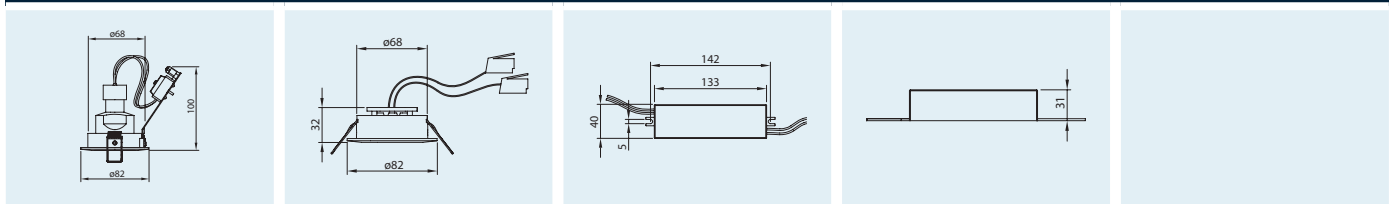


ASTRID 75 RANGE

LOW ENERGY FLUSH-MOUNTING DOWNLIGHTERS



ASTRID 75



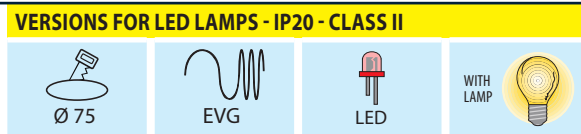
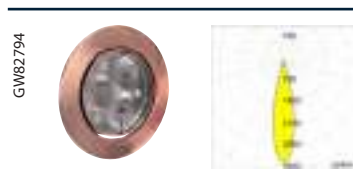
DECORATIVE, ADJUSTABLE FLUSH-MOUNTING DEVICES

WIRED VERSIONS FOR FLUORESCENT LAMPS - IP20 - CLASS II



Code	No. of lamps	Lamp power	Temperature of colour	Lamp supplied	Lamp holder	Colour	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz								
GW 82 691 F	1	7 W	2700 K	FB	GU10	White	0.3	1
GW 82 692 F	1	7 W	2700 K	FB	GU10	Aluminium	0.3	1
GW 82 693 F	1	7 W	2700 K	FB	GU10	Gold	0.3	1
GW 82 694 F	1	7 W	2700 K	FB	GU10	Bronze	0.3	1
GW 82 695 F	1	7 W	4000 K	FB	GU10	White	0.3	1
GW 82 696 F	1	7 W	4000 K	FB	GU10	Aluminium	0.3	1
GW 82 697 F	1	7 W	4000 K	FB	GU10	Gold	0.3	1
GW 82 698 F	1	7 W	4000 K	FB	GU10	Bronze	0.3	1
GW 82 681 F	1	14 W	2700 K	FB	GU10	White	0.3	1
GW 82 682 F	1	14 W	2700 K	FB	GU10	Aluminium	0.3	1
GW 82 683 F	1	14 W	2700 K	FB	GU10	Gold	0.3	1
GW 82 684 F	1	14 W	2700 K	FB	GU10	Bronze	0.3	1
GW 82 685 F	1	14 W	4000 K	FB	GU10	White	0.3	1
GW 82 686 F	1	14 W	4000 K	FB	GU10	Aluminium	0.3	1
GW 82 687 F	1	14 W	4000 K	FB	GU10	Gold	0.3	1
GW 82 688 F	1	14 W	4000 K	FB	GU10	Bronze	0.3	1

NOTE: tilting optic $\pm 25^\circ$.



Code	No. of lamps	Lamp power	Temperature of colour	Lamp supplied	Colour	Weight (kg)	Conf. Imb.
CURRENT: 350 mA							
GW 82 791	3	1 W	4000 K	LED	White	0.2	1
GW 82 792	3	1 W	4000 K	LED	Aluminium	0.2	1
GW 82 793	3	1 W	4000 K	LED	Gold	0.2	1
GW 82 794	3	1 W	4000 K	LED	Bronze	0.2	1

NOTE: tilting optic $\pm 25^\circ$.



Code	Description	Power	Output current	Type of connection	Weight (kg)	Conf. Imb.
VOLTAGE: 120/230/240 V - 50/60 Hz						
GW 82 781	LED power supply	15 W	350 mA	Range	0.3	1

NOTE: power supply for up to 4 Astrid 75 LEDs

COMPLEMENTARY ITEMS

SPARE PARTS							
Code	Lamp power	Lamp	Format	Light flux lm	IRM	Temperature of colour	Conf. Imb.
LAMP HOLDER: GU10							
GW 88 791	7 W	FB	Compact	300	1B	2700 K	1
GW 88 794	7 W	FB	Compact	300	1B	4000 K	1
GW 88 795	14 W	FB	Compact	600	1B	2700 K	1
GW 88 796	14 W	FB	Compact	600	1B	4000 K	1

DEDALO range

Decorative floodlights for indoor

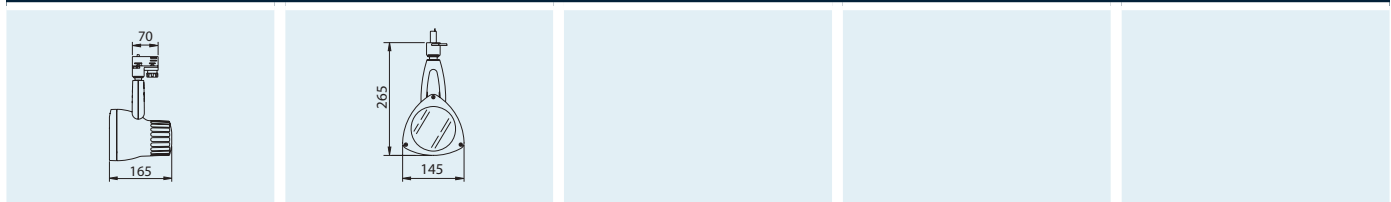
Decorative floodlight for indoor.

- Adaptor compatible with the most common three-phase rails on the market.
- Fascinating aspect further brought out by the aluminium colour.
- Adjustment of the light beam from 6° to 30°.

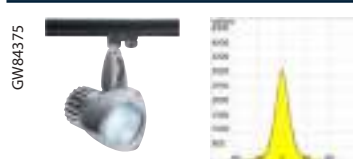




DEDALO



VARIABLE FOCUS CIRCULAR BEAM OPTICS



RAIL VERSIONS WITH MAINS-CONNECTED HALOGEN LAMPS - IP40 (IP66 OPTICS COMPARTMENT) - CLASS II



Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
GW 84 375	100 W	HS	B15d	Aluminium	1.8	1/2

CHARACTERISTICS: also suitable for 60W - 75W lamps.

COMPLEMENTARY ITEMS



COMPLEMENTARY COMPONENTS

Code	Description	Material	Colour	Weight (kg)	Conf. Imb.
GW 84 197	Anti-glare louvre	Aluminium	Aluminium	0.3	1/4



SPARE PARTS

Code	Description	Material	Weight (kg)	Conf. Imb.
GW 84 196	Diffused glass	Tempered glass	0.1	1/4

DOMUS range

Decorative lighting devices

Decorative lighting device.

- Greatest modularity, the versions with a base and arm may be installed in 4 different configurations.
- Lack of glare and easy aiming of the light beam.
- Adaptor compatible with the most common three-phase rails on the market.



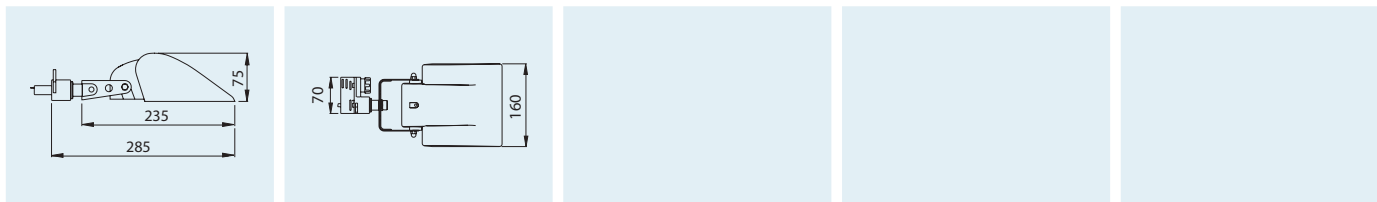
DOMUS RANGE

DECORATIVE LIGHTNING DEVICES

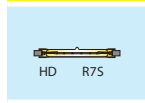


DOMUS

RAIL DEVICES



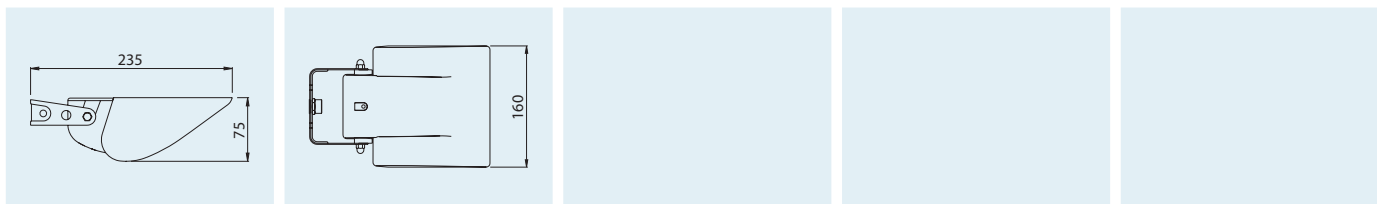
VERSIONS FOR HALOGEN LAMPS - IP40 (IP23 OPTICS COMPARTMENT) - CLASS I



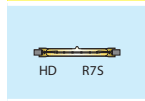
Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
GW 84 007	300 W	HD	R7s	Aluminium	1.1	1/6

CHARACTERISTICS: also suitable for 150W - 200W lamps.

DEVICES WITH BRACKETS



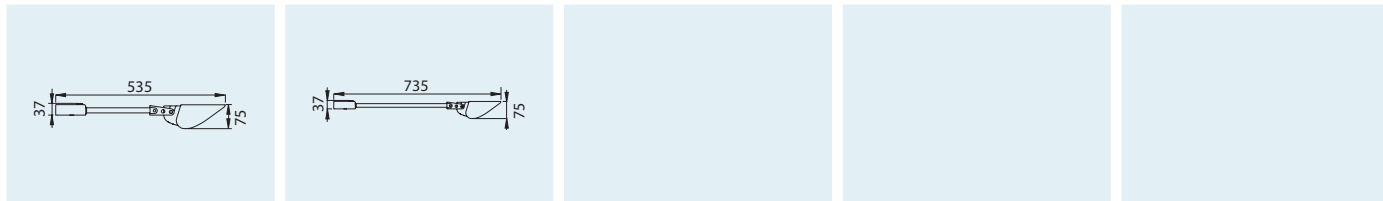
VERSIONS FOR HALOGEN LAMPS - IP23 - CLASS I



Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
GW 84 005	300 W	HD	R7s	Aluminium	0.9	1/12
GW 84 004	300 W	HD	R7s	Graphite grey	0.9	1/12
GW 84 003	300 W	HD	R7s	White	0.9	1/12

CHARACTERISTICS: also suitable for 150W - 200W lamps.

DEVICES WITH MODULAR BASE AND ARM



GW84002



VERSIONS FOR HALOGEN LAMPS - IP23 - CLASS I



Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. Imb.
GW 84 006	300 W	HD	R7s	Aluminium	1.4	1/6
GW 84 002	300 W	HD	R7s	Graphite grey	1.4	1/6
GW 84 001	300 W	HD	R7s	White	1.4	1/6

ACCESSORIES SUPPLIED: 2 spacers; 1 surface-mounting coupling base.

CHARACTERISTICS: also suitable for 150W - 200W lamps.

COMPLEMENTARY ITEMS

GW88201



SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 88 201	Tempered glass	155x130	0.2	1/5

GPF range

Stylish uplighters

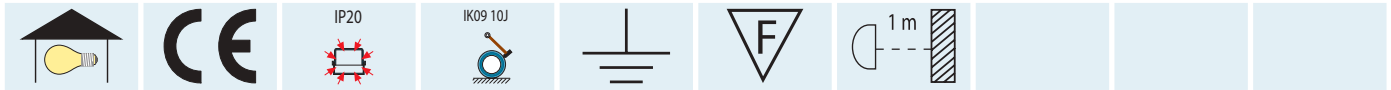
Uplighter system.

- Modern, functional design.
- Directional lamp head.
- Range of colours in classic and modern hues.



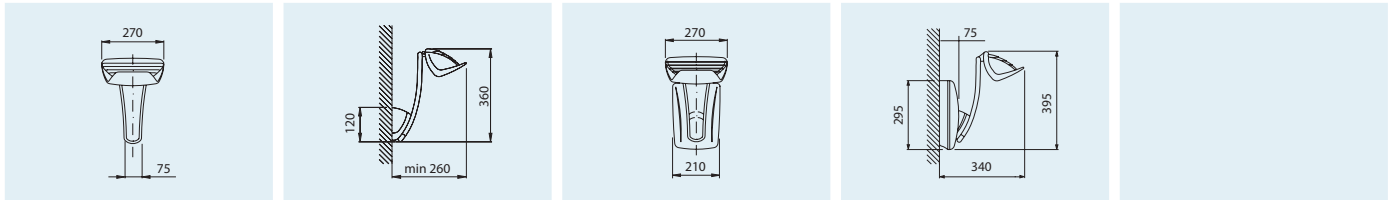
GPF RANGE

STYLISH UPLIGHTERS

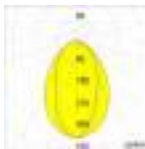


GPF

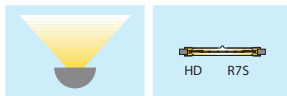
WALL MOUNTING VERSION



GW82701



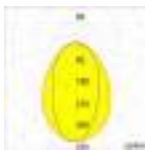
VERSIONS FOR HALOGEN LAMPS - IP20 - CLASS I



Code	Max lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
GW 82 701	300 W	HD	R7s	Titanium	3.6	1
GW 82 702	300 W	HD	R7s	Burgundy	3.6	1
GW 82 703	300 W	HD	R7s	Midnight blue	3.6	1
GW 82 704	300 W	HD	R7s	Salmon pink	3.6	1
GW 82 705	300 W	HD	R7s	Aquamarine	3.6	1

CHARACTERISTICS: also suitable for 150W - 200W lamps.

GW82711



VERSIONS FOR DISCHARGE LAMPS - IP20 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Colour	Weight (kg)	Conf. lmb.
GW 82 711	70 W	MD	RX7s	Titanium	3.6	1
GW 82 712	70 W	MD	RX7s	Burgundy	3.6	1
GW 82 713	70 W	MD	RX7s	Midnight blue	3.6	1
GW 82 714	70 W	MD	RX7s	Salmon pink	3.6	1
GW 82 715	70 W	MD	RX7s	Aquamarine	3.6	1
GW 82 716	150 W	MD	RX7s	Titanium	3.6	1
GW 82 717	150 W	MD	RX7s	Burgundy	3.6	1
GW 82 718	150 W	MD	RX7s	Midnight blue	3.6	1
GW 82 719	150 W	MD	RX7s	Salmon pink	3.6	1
GW 82 720	150 W	MD	RX7s	Aquamarine	3.6	1

CHARACTERISTICS: to be used with the relative supply unit.

GW82751



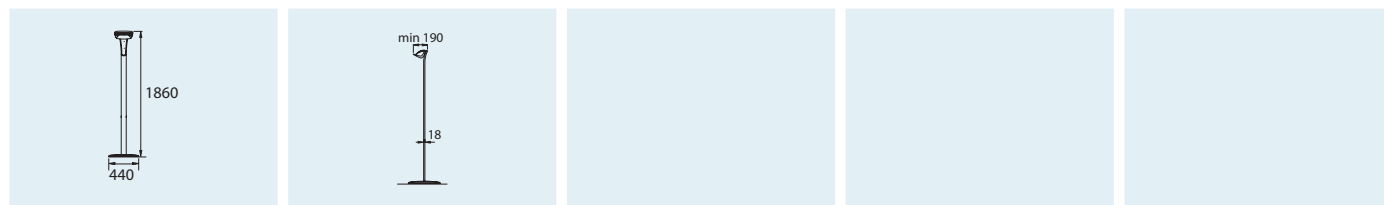
SUPPLY UNITS FOR DISCHARGE LAMPS - IP20 - CLASS I

Code	Lamp power	Lamp	Voltage	Colour	Weight (kg)	Conf. lmb.
GW 82 751	70 W	MD	230 V - 50 Hz	Titanium grey	3.8	1
GW 82 752	70 W	MD	240 V - 50 Hz	Titanium grey	3.8	1
GW 82 753	70 W	MD	125 V - 60 Hz	Titanium grey	3.8	1
GW 82 754	150 W	MD	230 V - 50 Hz	Titanium grey	4.3	1
GW 82 755	150 W	MD	240 V - 50 Hz	Titanium grey	4.3	1
GW 82 756	150 W	MD	125 V - 60 Hz	Titanium grey	4.3	1

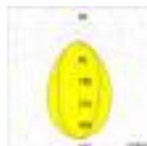
CHARACTERISTICS: maximum installation distance from the device: 2m.

APPLICATIONS: suitable for installations with built-in device, or in an isolated position.

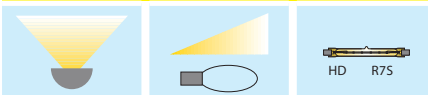
STEM VERSIONS



GW82601



VERSIONS FOR HALOGEN LAMPS WITH ELECTRONIC DIMMER - IP20 - CLASS I

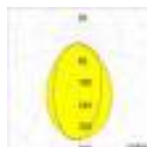


Code	Max lamp power	Lamp	Lamp holder	Type of plug	Colour	Weight (kg)	Conf. lmb.
GW 82 601	300 W	HD	R7s	2P+E 10A 250V Italian	Titanium	11.7	1
GW 82 602	300 W	HD	R7s	2P+E 10A 250V Italian	Burgundy	11.7	1
GW 82 603	300 W	HD	R7s	2P+E 10A 250V Italian	Midnight blue	11.7	1
GW 82 604	300 W	HD	R7s	2P+E 10A 250V Italian	Salmon pink	11.7	1
GW 82 605	300 W	HD	R7s	2P+E 10A 250V Italian	Aquamarine	11.7	1
GW 82 621	300 W	HD	R7s	2P+E 10/16A 250V UNEL/French	Titanium	11.7	1
GW 82 622	300 W	HD	R7s	2P+E 10/16A 250V UNEL/French	Burgundy	11.7	1
GW 82 623	300 W	HD	R7s	2P+E 10/16A 250V UNEL/French	Midnight blue	11.7	1
GW 82 624	300 W	HD	R7s	2P+E 10/16A 250V UNEL/French	Salmon pink	11.7	1
GW 82 625	300 W	HD	R7s	2P+E 10/16A 250V UNEL/French	Aquamarine	11.7	1
GW 82 641	300 W	HD	R7s	2P+E 13A 250V with 5A fuse Eng	Titanium	11.7	1
GW 82 642	300 W	HD	R7s	2P+E 13A 250V with 5A fuse Eng	Burgundy	11.7	1
GW 82 643	300 W	HD	R7s	2P+E 13A 250V with 5A fuse Eng	Midnight blue	11.7	1
GW 82 644	300 W	HD	R7s	2P+E 13A 250V with 5A fuse Eng	Salmon pink	11.7	1
GW 82 645	300 W	HD	R7s	2P+E 13A 250V with 5A fuse Eng	Aquamarine	11.7	1
GW 82 661	300 W	HD	R7s	2P+E 15A 125V USA	Titanium	11.7	1
GW 82 662	300 W	HD	R7s	2P+E 15A 125V USA	Burgundy	11.7	1
GW 82 663	300 W	HD	R7s	2P+E 15A 125V USA	Midnight blue	11.7	1
GW 82 664	300 W	HD	R7s	2P+E 15A 125V USA	Salmon pink	11.7	1
GW 82 665	300 W	HD	R7s	2P+E 15A 125V USA	Aquamarine	11.7	1

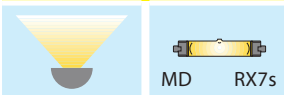
ACCESSORIES SUPPLIED: power supply cable, 1.5m long.

CHARACTERISTICS: also suitable for 150 - 200W lamps. The regulator is housed in the resting base.

GW82611



VERSIONS FOR DISCHARGE LAMPS - IP20 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Type of plug	Colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 82 611	150 W	MD	RX7s	2P+E 10A 250V Italian	Titanium	15.3	1
GW 82 612	150 W	MD	RX7s	2P+E 10A 250V Italian	Burgundy	15.3	1
GW 82 613	150 W	MD	RX7s	2P+E 10A 250V Italian	Midnight blue	15.3	1
GW 82 614	150 W	MD	RX7s	2P+E 10A 250V Italian	Salmon pink	15.3	1
GW 82 615	150 W	MD	RX7s	2P+E 10A 250V Italian	Aquamarine	15.3	1
GW 82 631	150 W	MD	RX7s	2P+E 10/16A 250V UNEL/French	Titanium	15.3	1
GW 82 632	150 W	MD	RX7s	2P+E 10/16A 250V UNEL/French	Burgundy	15.3	1
GW 82 633	150 W	MD	RX7s	2P+E 10/16A 250V UNEL/French	Midnight blue	15.3	1
GW 82 634	150 W	MD	RX7s	2P+E 10/16A 250V UNEL/French	Salmon pink	15.3	1
GW 82 635	150 W	MD	RX7s	2P+E 10/16A 250V UNEL/French	Aquamarine	15.3	1
VOLTAGE: 240 V - 50 Hz							
GW 82 651	150 W	MD	RX7s	2P+E 13A 250V with 5A fuse Eng	Titanium	15.3	1
GW 82 652	150 W	MD	RX7s	2P+E 13A 250V with 5A fuse Eng	Burgundy	15.3	1
GW 82 653	150 W	MD	RX7s	2P+E 13A 250V with 5A fuse Eng	Midnight blue	15.3	1
GW 82 654	150 W	MD	RX7s	2P+E 13A 250V with 5A fuse Eng	Salmon pink	15.3	1
GW 82 655	150 W	MD	RX7s	2P+E 13A 250V with 5A fuse Eng	Aquamarine	15.3	1

ACCESSORIES SUPPLIED: 1.5m power supply cable.

CHARACTERISTICS: The supply unit is housed in the support base.

COMPLEMENTARY ITEMS

SPARE PARTS			
Code	Description	Dimensions (mm)	Conf. Imb.
GW 88 280	Glass	270x140	1/5

MANTA range

Decorative devices for indoors

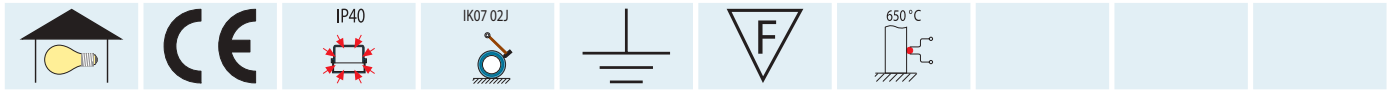
Decorative ceiling-mounting luminaire for indoor.

- Available in three dimensions.
- Preset for night light switching on.
- Opal diffuser with satin glass effect.
- Emergency version available for 26W lamp.

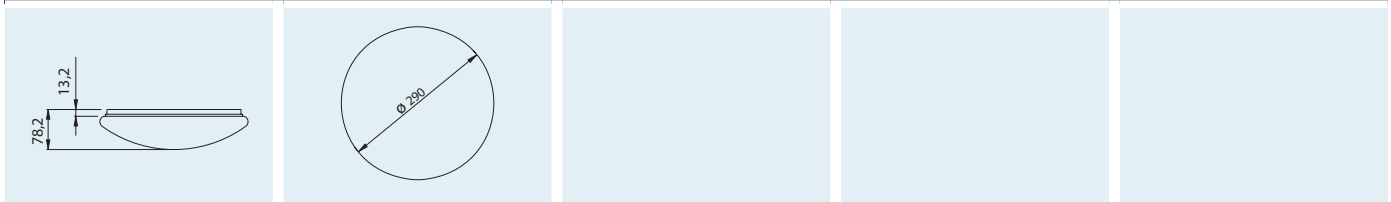


MANTA RANGE

DECORATIVE DEVICES FOR INDOOR



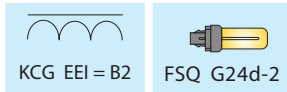
MANTA 29



ROUND CEILING LUMINAIRE



WIRED VERSIONS FOR FLUORESCENT LAMPS - IP40 - CLASS I



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Diffusor type	Dimensions (mm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz								
GW 80 571	1	18 W	FSQ	G24d-2	Opal	Ø 290	1	1/6

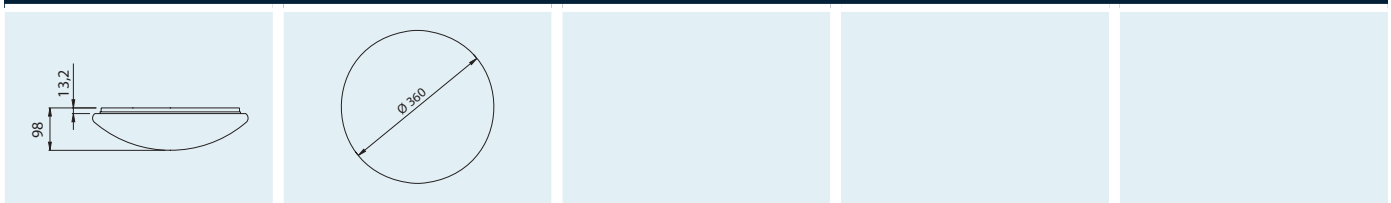


NON-WIRED VERSIONS



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Diffusor type	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 80 574	1	18 W	FSQ	G24d-2	Opal	Ø 290	0.6	1/6

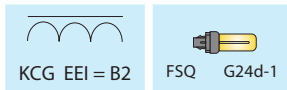
MANTA 36



ROUND CEILING LUMINAIRE



WIRED VERSIONS FOR FLUORESCENT LAMPS - IP40 - CLASS I



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Diffusor type	Dimensions (mm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz								
GW 80 576	2	13 W	FSQ	G24d-1	Opal	Ø 360	1.7	1/6



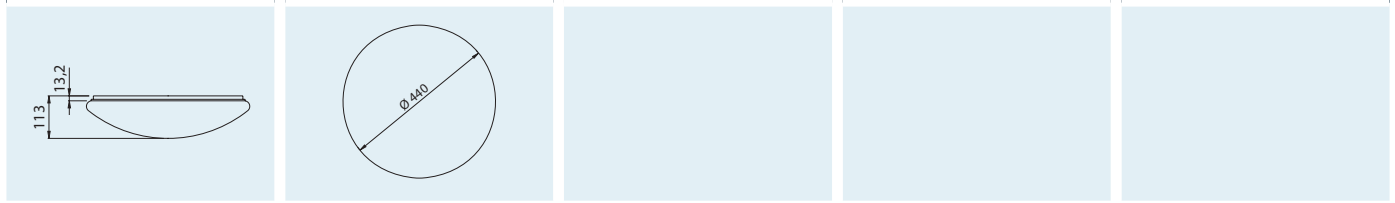
NON-WIRED VERSIONS



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Diffusor type	Dimensions (mm)	Weight (kg)	Conf. lmb.
GW 80 579	2	13 W	FSQ	G24d-1	Opal	Ø 360	1.2	1/6

MANTA RANGE

MANTA 44

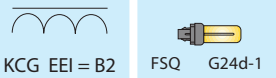


ROUND CEILING LUMINAIRE

WIRED VERSIONS FOR FLUORESCENT LAMPS - IP40 - CLASS I



GW80581



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Diffusor type	Dimensions (mm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 Hz								
GW 80 581	3	13 W	FSQ	G24d-1	Opal	Ø 440	2.3	1/4

NON-WIRED VERSIONS



GW80584



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Diffusor type	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 80 584	3	13 W	FSQ	G24d-1	Opal	Ø 440	1.5	1/4

EMERGENCY VERSIONS

WIRED VERSIONS FOR FLUORESCENT LAMPS - IP40 - CLASS I



GW80585



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Autonomy	Weight (kg)	Conf. Imb.
VOLTAGE: 220 / 240 V - 50 / 60 Hz							
GW 80 585	1	26 W	FSQ	G24q-3	1 h	1.8	1/4

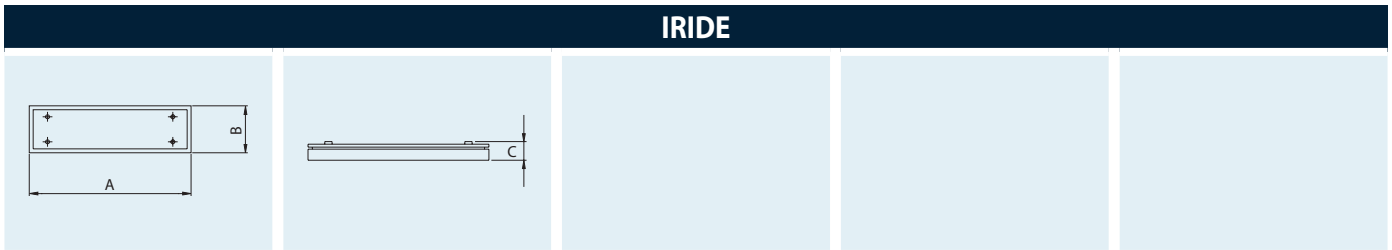
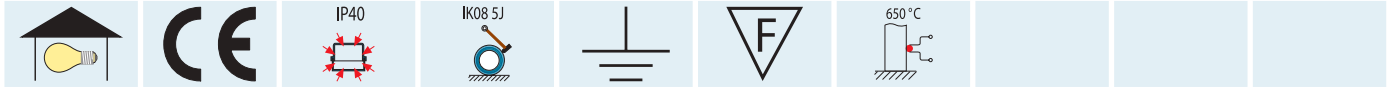
IRIDE range

Ceiling-mounting luminaires for indoor

Rectangular ceiling-mounting luminaire for indoor.

- Suitable for all lighting requirements.
- Optimal distribution of the luminous flux and efficiency maintenance over time.
- Captive closure clips for diffuser base.





RECTANGULAR CEILING LUMINAIRE

GW80553



WIRED VERSIONS WITH P.F. CORRECTION- IP40 - CLASS I

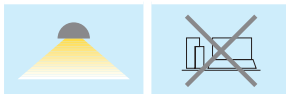


Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 Hz							
GW 80 551	1	18 W	FD	G13	625x110x75	1.3	1/28
GW 80 552	1	36 W	FD	G13	1250x110x75	2.3	1/28
GW 80 553	2	18 W	FD	G13	625x180x60	1.9	1/20
GW 80 554	2	36 W	FD	G13	1250x180x60	3.1	1/20
GW 80 555	2	58 W	FD	G13	1555x200x60	4.1	1/20

GW80563



NON-WIRED VERSIONS - IP40- CLASS I



Code	No. of lamps	Lamp power	Lamp	Lamp holder	Dimensions AxBxC (mm)	Weight (kg)	Conf. lmb.
GW 80 561	1	18 W	FD	G13	625x110x75	1	1/28
GW 80 562	1	36 W	FD	G13	1250x110x75	1.5	1/28
GW 80 563	2	18 W	FD	G13	625x180x60	1.6	1/20
GW 80 564	2	36 W	FD	G13	1250x180x60	2	1/20
GW 80 565	2	58 W	FD	G13	1555x200x60	2.5	1/20

ACCESSORIES SUPPLIED: structural components: body, diffuser and lampholder.

RETTA/TARTA/HOBBY range

Luminous indicator devices

Luminous indicator devices.

- High mechanical resistance of both the body and diffuser.
- Insulation class II.
- Unbreakable shockproof polycarbonate.

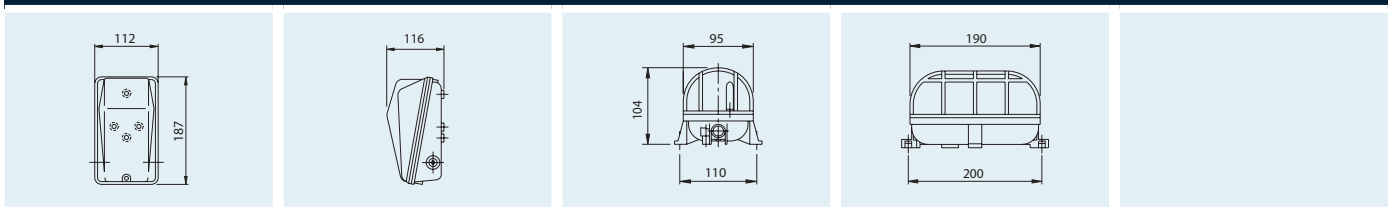


RETTA/TARTA/HOBBY RANGES

LUMINOUS INDICATOR DEVICES



RETTA - TARTA



RETTA - RECTANGULAR LUMINAIRES

GW80401



VERSIONS FOR INCANDESCENT LAMPS - IP44 - CLASS II

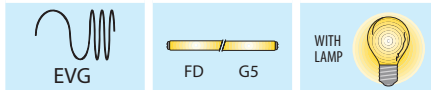


Code	Max lamp power	Lamp	Lamp holder	Diffuser colour	Weight (kg)	Conf. lmb.
GW 80 401	75 W	IA / IB	E27	Transparent	0.3	12
GW 80 402	75 W	IA / IB	E27	Yellow	0.3	12
GW 80 403	75 W	IA / IB	E27	Red	0.3	12
GW 80 404	75 W	IA / IB	E27	Green	0.3	12

GW80421F



FLUORESCENT VERSIONS - IP44 - CLASS II - ELECTRONIC POWER SUPPLY



Code	Lamp power	Lamp supplied	Lamp holder	Diffuser colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz						
GW 80 421 F	4 W	FD	G5	Transparent	0.4	1/12
GW 80 422 F	4 W	FD	G5	Yellow	0.4	1/12
GW 80 423 F	4 W	FD	G5	Red	0.4	1/12
GW 80 424 F	4 W	FD	G5	Green	0.4	1/12

TARTA - OVAL LUMINAIRES

GW80411



VERSIONS FOR INCANDESCENT LAMPS - IP44 - CLASS II



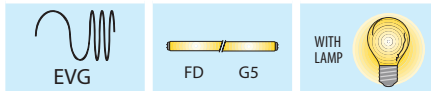
Code	Max lamp power	Lamp	Lamp holder	Diffuser colour	Weight (kg)	Conf. lmb.
GW 80 409	60 W	IA / IB	E27	Transparent	0.2	36
GW 80 410	60 W	IA / IB	E27	Yellow	0.2	36
GW 80 411	60 W	IA / IB	E27	Red	0.2	36
GW 80 412	60 W	IA / IB	E27	Green	0.2	36

CHARACTERISTICS: suitable for installation directly on to walls via screws or on to pipes using cable ties.

GW80428F



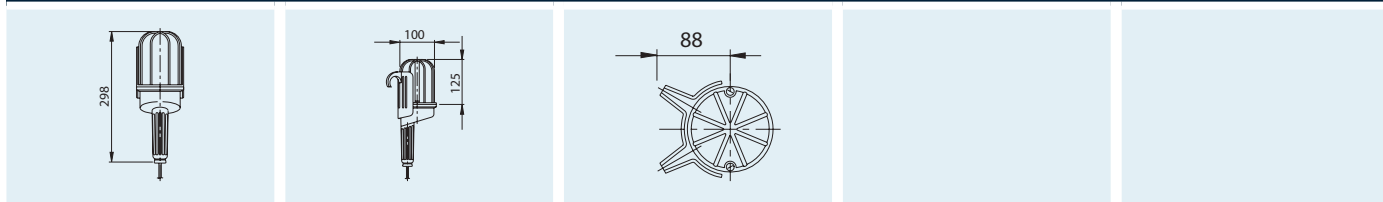
FLUORESCENT VERSIONS - IP44 - CLASS II - ELECTRONIC POWER SUPPLY



Code	Lamp power	Lamp supplied	Lamp holder	Diffuser colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz						
GW 80 426 F	4 W	FD	G5	Transparent	0.3	1/12
GW 80 427 F	4 W	FD	G5	Yellow	0.3	1/12
GW 80 428 F	4 W	FD	G5	Red	0.3	1/12
GW 80 429 F	4 W	FD	G5	Green	0.3	1/12

CHARACTERISTICS: suitable for installation directly on to walls via screws or on to pipes using cable ties.

HOBBY



SHOCKPROOF PORTABLE LAMPS



VERSIONS FOR INCANDESCENT LAMPS - CLASS II - IP40 (VERSION WITH COVER) - IP20 (VERSION WITH CAGE)



IA/IB E27

Code	Max lamp power	Lamp	Lamp holder	Type	Cable length	Weight (kg)	Conf. Imb.
GW 80 417	40 W	IA / IB	E27	With diffusor	6 m	0.6	16
GW 80 418	40 W	IA / IB	E27	With cage	4 m	0.5	16

ACCESSORIES SUPPLIED: cable section 2x0.75 mm² type H05VV-F with plug 2P 10 A - 250V Italian standard.

CHARACTERISTICS: GW80417, with single-pole one-way switch 3 A 250 V.

LAMPS

Sources for lighting devices



SOURCES FOR LIGHTING DEVICES

GW88711



LAMPS - METAL HALIDES

Code	Lamp power	Lamp	Lamp current	Format	Light flux lm	IRM	Temperature of colour	Conf. lmb.
LAMP HOLDER: RX7s								
GW 88 701	70 W	MD	1 A	Double ended	5700	1B	3000 K	1
GW 88 702	150 W	MD	1.8 A	Double ended	13800	2A	3000 K	1
LAMP HOLDER: E27								
GW 88 703	100 W	ME	1.1 A	Ellipse	8500	1B	2900 K	1
LAMP HOLDER: E40								
GW 88 704	250 W	ME	2.2 A	Ellipse	20000	2B	4300 K	1
GW 88 705	400 W	ME	3.4 A	Ellipse	33000	1A	4300 K	1
GW 88 706	250 W	MT	2.2 A	Tubular	20000	2B	4500 K	1
GW 88 707	400 W	MT	3.4 A	Tubular	33000	2B	4300 K	1
GW 88 708	250 W	ME	3 A	Ellipse	19000	1A	5200 K	1
GW 88 709	400 W	ME	4.2 A	Ellipse	32000	1A	5900 K	1
GW 88 710	250 W	MT	3 A	Tubular	20000	1A	5300 K	1
GW 88 711	400 W	MT	4.2 A	Tubular	32000	1A	5200 K	1

NOTES: GW88704, GW88705, GW88706, GW88707: lamps with striking voltage of 0.7 - 1kV.

GW88738



LAMPS - HIGH PRESSURE SODIUM

Code	Lamp power	Lamp	Lamp current	Format	Light flux lm	IRM	Temperature of colour	Conf. lmb.
LAMP HOLDER: RX7s								
GW 88 731	70 W	SD	1 A	Double ended	7000	4	2000 K	1
GW 88 732	150 W	SD	1.8 A	Double ended	17500	4	2000 K	1
LAMP HOLDER: E27								
GW 88 733	70 W	ST	1 A	Tubular	6500	4	2000 K	1
GW 88 734	70 W	SE	1 A	Ellipse	5600	4	2000 K	1
GW 88 741	70 W	SE	1 A	Ellipse	5600	4	2000 K	1
LAMP HOLDER: E40								
GW 88 735	100 W	SE	1.2 A	Ellipse	9500	4	2000 K	1
GW 88 736	150 W	ST	1.8 A	Tubular	14500	4	2000 K	1
GW 88 737	250 W	ST	3 A	Tubular	27000	4	2000 K	1
GW 88 738	400 W	ST	4.4 A	Tubular	48000	4	2000 K	1
GW 88 739	250 W	SE	3 A	Ellipse	25000	3	2000 K	1
GW 88 740	400 W	SE	4.4 A	Ellipse	47000	3	2000 K	1
GW 88 742	150 W	SE	1.8 A	Ellipse	14000	3	2000 K	1

NOTES: GW88741 with built-in ignitor.

GW88773



LAMPS - MERCURY VAPOUR

Code	Lamp power	Lamp	Lamp current	Format	Light flux lm	IRM	Temperature of colour	Conf. lmb.
LAMP HOLDER: E27								
GW 88 771	80 W	QE	0.8 A	Ellipse	3800	3	4100 K	1
GW 88 772	125 W	QE	1.15 A	Ellipse	6300	3	4000 K	1
LAMP HOLDER: E40								
GW 88 773	250 W	QE	2.2 A	Ellipse	13000	3	3900 K	1
GW 88 774	400 W	QE	3.2 A	Ellipse	22000	3	3800 K	1

GW88792



LAMPS - FLUORESCENT

Code	Lamp power	Lamp	Lamp current	Format	Light flux lm	IRM	Temperature of colour	Conf. lmb.
LAMP HOLDER: GU10								
GW 88 791	7 W	FB		Compact	300	1B	2700 K	1
GW 88 794	7 W	FB		Compact	300	1B	4000 K	1
GW 88 795	14 W	FB		Compact	600	1B	2700 K	1
GW 88 796	14 W	FB		Compact	600	1B	4000 K	1
LAMP HOLDER: 2G8								
GW 88 792	120 W	FSM	0.8 A	Compact	9000	1B	3000 K	1
GW 88 793	120 W	FSM	0.8 A	Compact	9000	1B	4000 K	1

LAMPS

EMERGENCY



SYSTEMS WITH CENTRALISED CONTROL

STARTEC NET
LONTALK®



STARTEC EIB
KONNEX



SYSTEMS WITH LOCAL SELF-DIAGNOSIS AND CONVENTIONAL

STARTEC CHECK



STARTEC FLAT



STARTEC BASIC



CENTRALISED POWER SUPPLY SYSTEMS

STARTEC GSE



STARTEC UPS



CONVENTIONAL DEVICE TRANSFORMATION KIT

STARTEC KIT



COMPLEMENTARY ITEMS

LABELS



STARTEC range

Emergency lighting devices

Complete range of ceiling-mounting luminaires for emergency lighting.

The range is made up of autonomous ceiling-mounting luminaires for centralised management systems communicating over BUS LonTalk or EIB KNX, ceiling-mounting luminaires with local self-testing and traditional autonomous ceiling-mounting luminaires.

Moreover, centralised power supply systems have been recently developed, which use emergency power units and sensors to allow for the centralisation of the entire system.

The use of LED-based technologies also allows to achieve maximum reliability and lifetime over time.

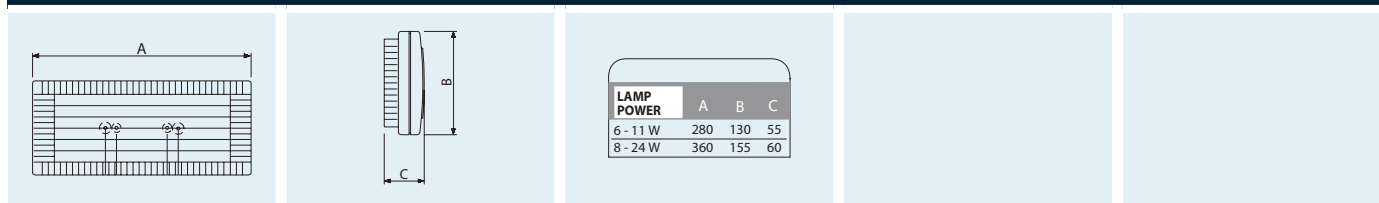


STARTEC NET RANGE

AUTONOMOUS, CENTRALLY MANAGED EMERGENCY DEVICES - BUS- LONTALK



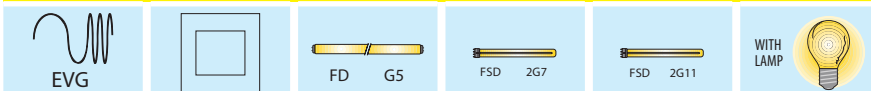
WALL OR CEILING MOUNTING DEVICES



NON-MAINTAINED LIGHTING - NM



STARTEC NET - NM - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 303	8 W	FD	G5	Ni-Cd	1 h	118	1.2	1/6
GW 81 304	8 W	FD	G5	Ni-Cd	3 h	100	1.3	1/6
GW 81 305	11 W	FSD	2G7	Ni-Cd	1 h	350	1	1/12
GW 81 306	11 W	FSD	2G7	Ni-Cd	3 h	270	1.2	1/12
GW 81 309	24 W	FSD	2G11	Ni-Cd	1 h	480	1.4	1/6
GW 81 308	24 W	FSD	2G11	Ni-Cd	3 h	435	1.8	1/6

ACCESSORIES SUPPLIED: lamp.

MAINTAINED LIGHTING - M



STARTEC NET - M - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 311	8 W	FD	G5	Ni-Cd	1 h	90	1.2	1/6
GW 81 312	8 W	FD	G5	Ni-Cd	3 h	85	1.3	1/6
GW 81 313	11 W	FSD	2G7	Ni-Cd	1 h	255	1	1/12
GW 81 314	11 W	FSD	2G7	Ni-Cd	3 h	270	1.2	1/12
GW 81 317	24 W	FSD	2G11	Ni-Cd	1 h	405	1.4	1/6
GW 81 318	24 W	FSD	2G11	Ni-Cd	3 h	405	1.8	1/6

ACCESSORIES SUPPLIED: lamp.

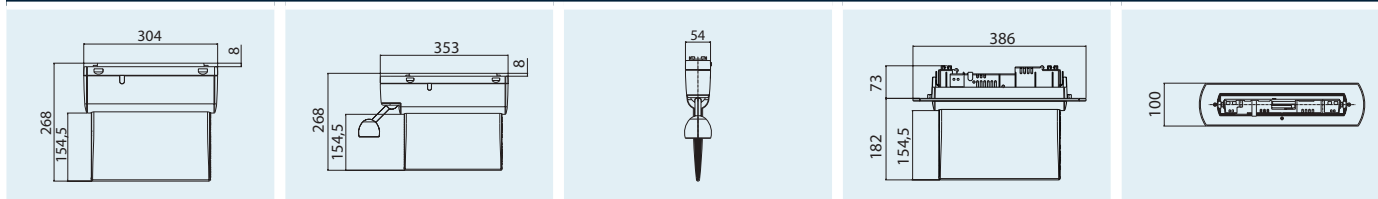
COMPLEMENTARY ITEMS



UNIVERSAL COUPLING

Code	Suitable for	Conf. lmb.
GW 80 966	Pipes with outside Ø 16-20 mm	24/48

DOUBLE SIDED DEVICES - LED

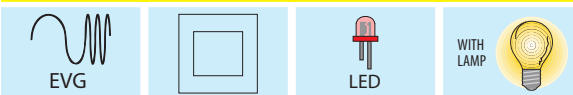


FOR WALL OR CEILING MOUNTING - MAINTAINED LIGHTING - M



GW81661

STARTEC NET - M - IP42 - CLASS II



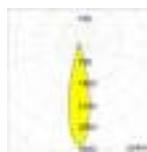
Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 661	3 W	LED	Ni-Mh	1 h	29.8	White	1.5	1/4
GW 81 662	3 W	LED	Ni-Mh	3 h	29.8	White	1.6	1/4
GW 81 663	3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.5	1/4
GW 81 664	3 W	LED	Ni-Mh	3 h	29.8	Titanium grey	1.6	1/4

NOTES: for surface-mounting the product must be completed with installations frame.
For ceiling-mounting the frame are not necessary.
Visibility range in accord with the standard EN 1838.

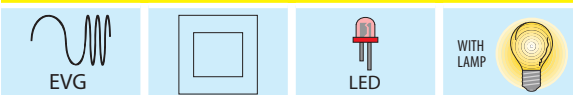
FOR WALL OR CEILING MOUNTING - MAINTAINED LIGHTING - M WITH DIRECTIONAL SPOTLIGHT



GW81671



STARTEC NET - M - IP42 - CLASS II



Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 671	3+3 W	LED	Ni-Mh	1 h	29.8	White	1.7	1/4
GW 81 672	3+3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.7	1/4

NOTES: for surface-mounting the product must be completed with installations frame.
For ceiling-mounting the frame are not necessary.
Visibility range in accord with the standard EN 1838.

COMPLEMENTARY ITEMS



GW81691

FIXING BRACKET

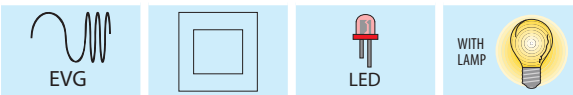
Code	Type of installation	Colour	Conf. lmb.
GW 81 691	Perpendicular to the wall	White	1/24
GW 81 692	Parallel to the wall	White	1/24
GW 81 693	Perpendicular to the wall	Titanium grey	1/24
GW 81 694	Parallel to the wall	Titanium grey	1/24

FOR FLUSH-MOUNTING - MAINTAINED LIGHTING - M



GW81681

STARTEC NET - M - IP42 - CLASS II



Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 681	3 W	LED	Ni-Mh	1 h	29.8	White	1.5	1/4
GW 81 682	3 W	LED	Ni-Mh	3 h	29.8	White	1.6	1/4
GW 81 683	3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.5	1/4
GW 81 684	3 W	LED	Ni-Mh	3 h	29.8	Titanium grey	1.6	1/4

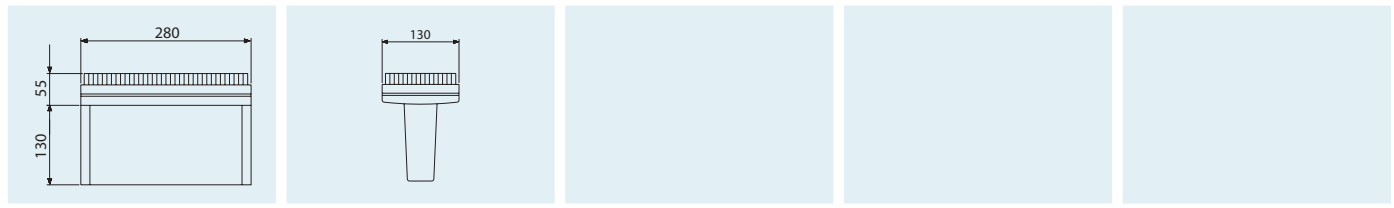
NOTES: the device is supplied complete with flush-mounting design trim.
Visibility range in accord with the standard EN 1838.

STARTEC NET RANGE

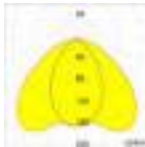
AUTONOMOUS, CENTRALLY MANAGED EMERGENCY DEVICES - BUS- LONTALK

DOUBLE SIDED DEVICES - FLUORESCENT

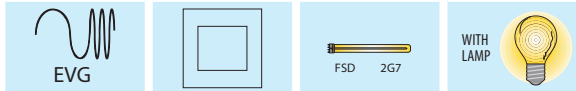
CEILING-MOUNTING - MAINTAINED LIGHTING - M



GW81321



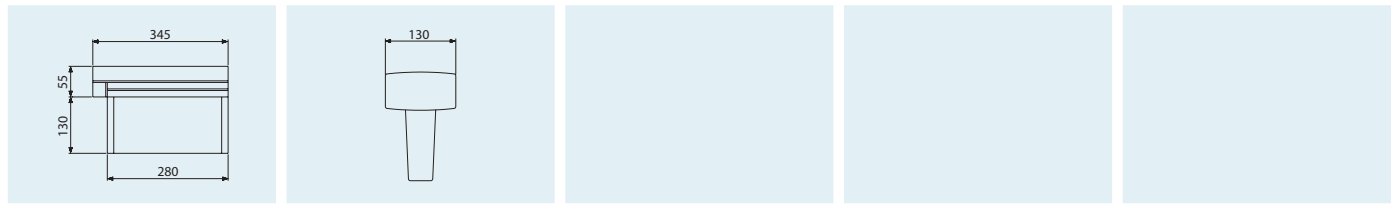
STARTEC NET - M - IP40 - CLASS II



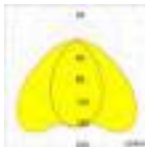
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 321	11 W	FSD	2G7	Ni-Cd	1 h	158	1.3	1/4
GW 81 322	11 W	FSD	2G7	Ni-Cd	3 h	172	1.5	1/4

ACCESSORIES SUPPLIED: lamp.

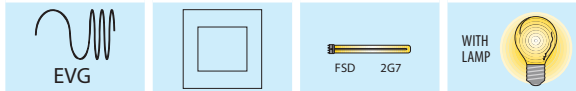
WALL-MOUNTING - MAINTAINED LIGHTING- M



GW81326



STARTEC NET - M - IP40 - CLASS II

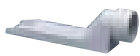


Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 326	11 W	FSD	2G7	Ni-Cd	1 h	158	1.6	1/4
GW 81 327	11 W	FSD	2G7	Ni-Cd	3 h	172	1.8	1/4

ACCESSORIES SUPPLIED: lamp.

COMPLEMENTARY ITEMS

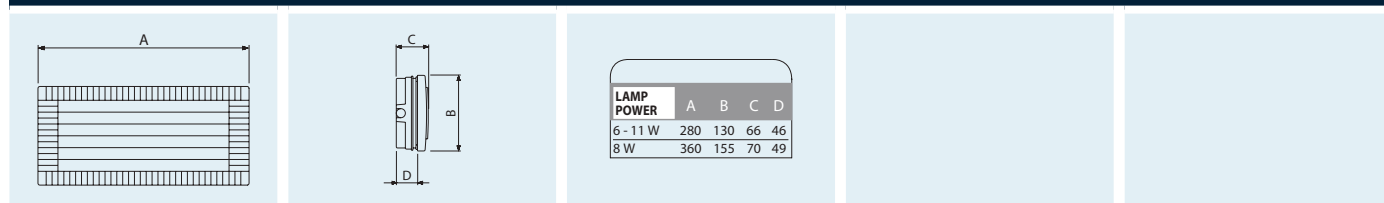
GW80966



UNIVERSAL COUPLING

Code	Suitable for	Conf. Imb.
GW 80 966	Pipes with outside Ø 16-20 mm	24/48

FLUSH-MOUNTING DEVICES

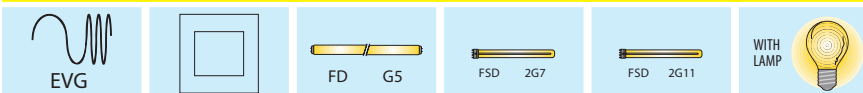


NON-MAINTAINED LIGHTING - NM

GW81333



STARTEC NET - NP - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 333	8 W	FD	G5	Ni-Cd	1 h	118	1.5	1/6
GW 81 334	8 W	FD	G5	Ni-Cd	3 h	100	1.6	1/6
GW 81 381	11 W	FSD	2G7	Ni-Cd	1 h	350	1.2	1/10
GW 81 382	11 W	FSD	2G7	Ni-Cd	3 h	270	1.4	1/10
GW 81 335	24 W	FSD	2G11	Ni-Cd	1 h	480	1.7	1/6
GW 81 332	24 W	FSD	2G11	Ni-Cd	3 h	435	2.1	1/6

ACCESSORIES SUPPLIED: lamp and flush-mounting box.

MAINTAINED LIGHTING - M

GW81336



STARTEC NET - M - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 336	8 W	FD	G5	Ni-Cd	1 h	90	1.5	1/6
GW 81 337	8 W	FD	G5	Ni-Cd	3 h	85	1.6	1/6
GW 81 386	11 W	FSD	2G7	Ni-Cd	1 h	255	1.2	1/10
GW 81 387	11 W	FSD	2G7	Ni-Cd	3 h	255	1.4	1/10
GW 81 338	24 W	FSD	2G11	Ni-Cd	1 h	405	1.7	1/6
GW 81 339	24 W	FSD	2G11	Ni-Cd	3 h	405	2.1	1/6

ACCESSORIES SUPPLIED: lamp and flush-mounting box.

COMPLEMENTARY ITEMS

GW80967



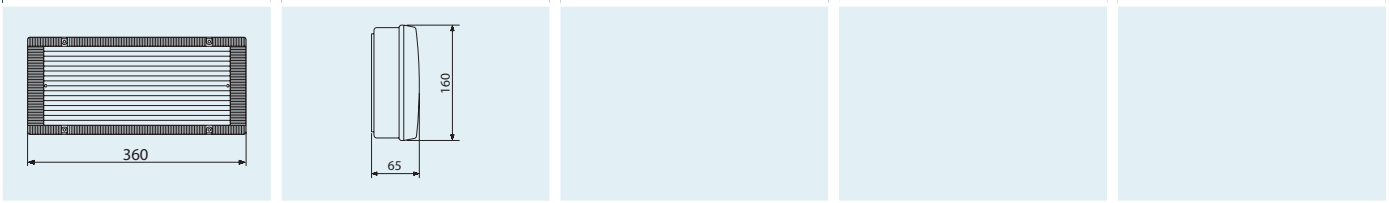
RECTANGULAR BOXES FOR FLUSH-MOUNTING STARTEC RANGE

Code	Suitable for	Material	Outer dim. LxHxD (mm)	Weight (kg)	Conf. lmb.
GW 80 967	6-11 W	PS	296x143x45	0.2	1/10
GW 80 968	8-24 W	PS	376x168x48	0.3	1/10

STARTEC NET RANGE

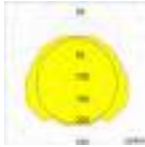
AUTONOMOUS, CENTRALLY MANAGED EMERGENCY DEVICES - BUS- LONTALK

WATERTIGHT WALL OR CEILING MOUNTING DEVICES

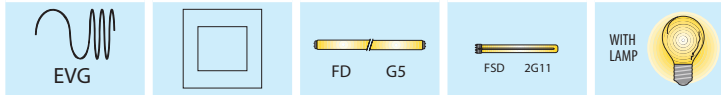


NON-MAINTAINED LIGHTING - NM

GW81343



STARTEC NET - NM - IP65 - CLASS II

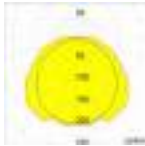


Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 343	8 W	FD	G5	Ni-Cd	1 h	110	1.3	1/6
GW 81 344	8 W	FD	G5	Ni-Cd	3 h	100	1.4	1/6
GW 81 345	24 W	FSD	2G11	Ni-Cd	1 h	300	1.5	1/6
GW 81 346	24 W	FSD	2G11	Ni-Cd	3 h	240	1.9	1/6

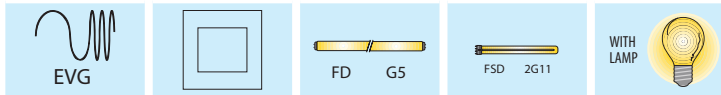
ACCESSORIES SUPPLIED: lamp.

MAINTAINED LIGHTING - M

GW81351



STARTEC NET - M - IP65 - CLASS II

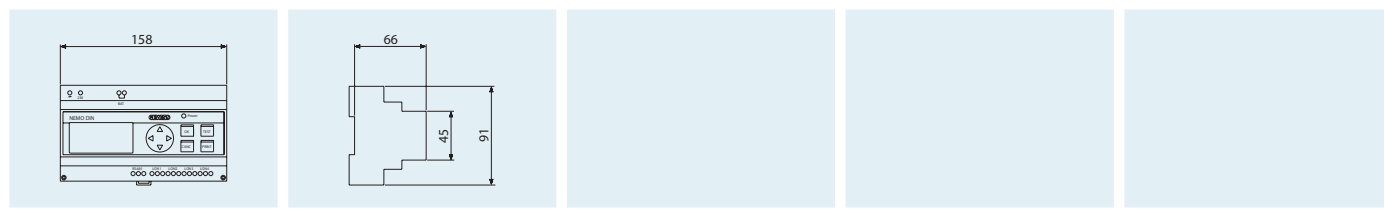


Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 351	8 W	FD	G5	Ni-Cd	1 h	90	1.3	1/6
GW 81 352	8 W	FD	G5	Ni-Cd	3 h	81	1.4	1/6
GW 81 353	24 W	FSD	2G11	Ni-Cd	1 h	250	1.5	1/6
GW 81 354	24 W	FSD	2G11	Ni-Cd	3 h	240	1.9	1/6

ACCESSORIES SUPPLIED: lamp.

COMMAND AND CONTROL DEVICES FROM DIN RAIL

CONTROL UNIT



GW81379



STARTEC NEMO DIN FOR DIN RAIL MOUNTING

Code	Description	Display	Max. no. manageable lamps	No. modules	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz					
GW 81 379	Nemo DIN Plus	O-Led	240	9	1

MANAGEMENT SOFTWARE VIA PC

GW81359



GW NET - NEMO DIN

Code	Suitable for	Description	Conf. Imb.
GW 81 359	Nemo DIN Plus	Software for max 420 lamps with 2 Nemo DIN Plus	1
GW 81 360	Nemo DIN Plus	Software for max 840 lamps with 4 Nemo DIN Plus	1

RECOMMENDED REQUISITES: 32-bit processor, Pentium 1Ghz or greater; S.O. Windows 2000 or greater; RAM 256 Mb; free memory on Hard Disk 400 Mb; 1 USB port.

REPEATER

GW81363

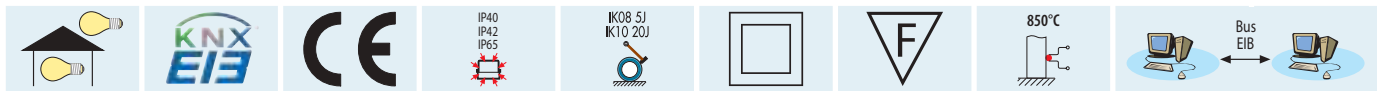


REPEATER

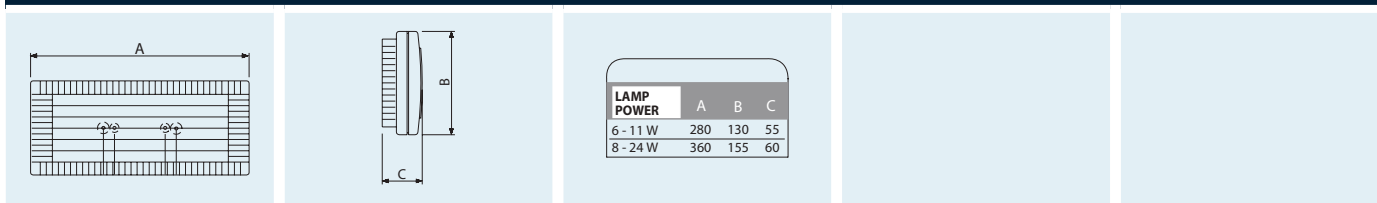
Code	No. line	No. lamp for lines	No. modules	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz				
GW 81 363	6	32	4	1/2

STARTEC EIB RANGE

AUTONOMOUS EMERGENCY DEVICES WITH CENTRALLY MANAGED SYSTEM - BUS-EIB



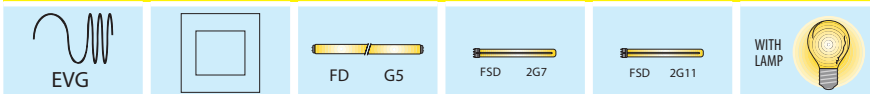
WALL OR CEILING MOUNTING DEVICES



NON-MAINTAINED LIGHTING - NM



STARTEC EIB - NM - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 401	8 W	FD	G5	Ni-Cd	1 h	118	1.2	1/6
GW 81 402	8 W	FD	G5	Ni-Cd	3 h	100	1.3	1/6
GW 81 403	11 W	FSD	2G7	Ni-Cd	1 h	350	1	1/12
GW 81 404	11 W	FSD	2G7	Ni-Cd	3 h	270	1.2	1/12
GW 81 405	24 W	FSD	2G11	Ni-Cd	1 h	480	1.4	1/6
GW 81 406	24 W	FSD	2G11	Ni-Cd	3 h	435	1.8	1/6

ACCESSORIES SUPPLIED: lamp.

MAINTAINED LIGHTING - M



STARTEC EIB - M - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 411	8 W	FD	G5	Ni-Cd	1 h	90	1.2	1/6
GW 81 412	8 W	FD	G5	Ni-Cd	3 h	85	1.3	1/6
GW 81 413	11 W	FSD	2G7	Ni-Cd	1 h	255	1	1/12
GW 81 414	11 W	FSD	2G7	Ni-Cd	3 h	270	1.2	1/12
GW 81 415	24 W	FSD	2G11	Ni-Cd	1 h	405	1.4	1/6
GW 81 416	24 W	FSD	2G11	Ni-Cd	3 h	405	1.8	1/6

ACCESSORIES SUPPLIED: lamp.

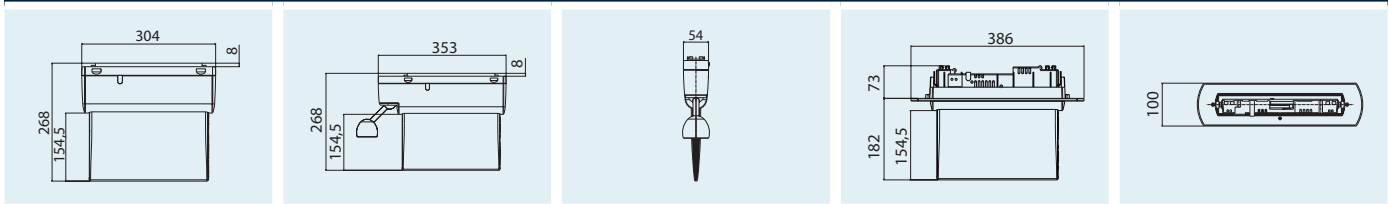
COMPLEMENTARY ITEMS



UNIVERSAL COUPLING

Code	Suitable for	Conf. lmb.
GW 80 966	Pipes with outside Ø 16-20 mm	24/48

DOUBLE SIDED DEVICES - LED

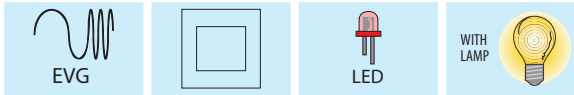


FOR WALL OR CEILING MOUNTING - MAINTAINED LIGHTING - M

GW81701



STARTEC EIB - P - IP42 - CLASS II



Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 701	3 W	LED	Ni-Mh	1 h	29.8	White	1.5	1/4
GW 81 702	3 W	LED	Ni-Mh	3 h	29.8	White	1.6	1/4
GW 81 703	3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.5	1/4
GW 81 704	3 W	LED	Ni-Mh	3 h	29.8	Titanium grey	1.6	1/4

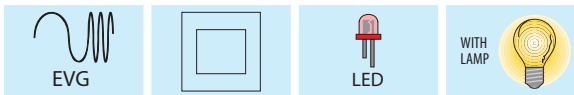
NOTES: for wall mounting, the product must include the appropriate installation brackets.
For ceiling mounting, brackets are not necessary.
Visibility range in accord with the standard EN 1838.

FOR WALL OR CEILING MOUNTING - MAINTAINED LIGHTING - M WITH DIRECTIONAL SPOTLIGHT

GW81711



STARTEC EIB - P - IP42 - CLASS II



Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 711	3+3 W	LED	Ni-Mh	1 h	29.8	White	1.7	1/4
GW 81 712	3+3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.7	1/4

NOTES: for wall mounting, the product must include the appropriate installation brackets.
For ceiling mounting, brackets are not necessary.
Visibility range in accord with the standard EN 1838.

COMPLEMENTARY ITEMS

GW81691



FIXING BRACKET

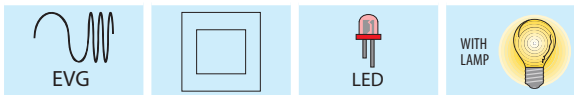
Code	Type of installation	Colour	Conf. lmb.
GW 81 691	Perpendicular to the wall	White	1/24
GW 81 692	Parallel to the wall	White	1/24
GW 81 693	Perpendicular to the wall	Titanium grey	1/24
GW 81 694	Parallel to the wall	Titanium grey	1/24

FOR FLUSH-MOUNTING - MAINTAINED LIGHTING - M

GW81721



STARTEC EIB - P - IP42 - CLASS II



Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 721	3 W	LED	Ni-Mh	1 h	29.8	White	1.5	1/4
GW 81 722	3 W	LED	Ni-Mh	3 h	29.8	White	1.6	1/4
GW 81 723	3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.5	1/4
GW 81 724	3 W	LED	Ni-Mh	3 h	29.8	Titanium grey	1.6	1/4

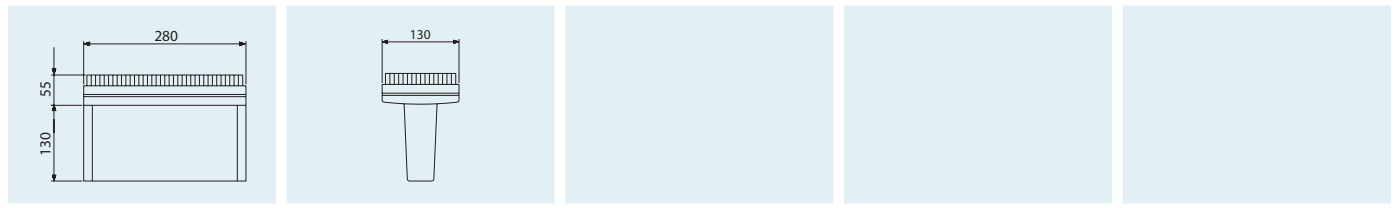
NOTES: the devices is equipped with aesthetics frame.
Visibility range in accord with the standard EN 1838.

STARTEC EIB RANGE

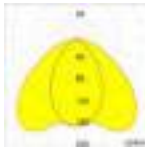
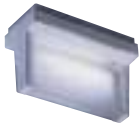
AUTONOMOUS EMERGENCY DEVICES WITH CENTRALLY MANAGED SYSTEM - BUS-EIB

DOUBLE SIDED DEVICES - FLUORESCENT

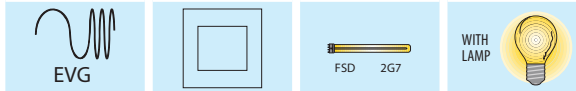
CEILING-MOUNTING - MAINTAINED LIGHTING - M



GW81443



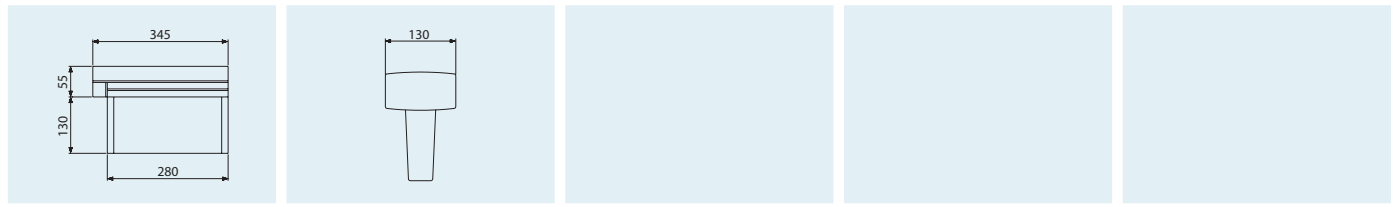
STARTEC EIB - M - IP40 - CLASS II



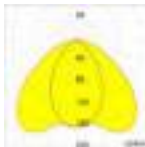
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 443	11 W	FSD	2G7	Ni-Cd	1 h	158	1.3	1/4
GW 81 445	11 W	FSD	2G7	Ni-Cd	3 h	172	1.5	1/4

ACCESSORIES SUPPLIED: lamp.

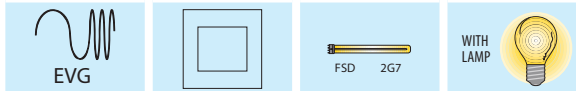
WALL-MOUNTING - MAINTAINED LIGHTING - M



GW81444



STARTEC EIB - M - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 444	11 W	FSD	2G7	Ni-Cd	1 h	158	1.6	1/4
GW 81 446	11 W	FSD	2G7	Ni-Cd	3 h	172	1.8	1/4

ACCESSORIES SUPPLIED: lamp.

COMPLEMENTARY ITEMS

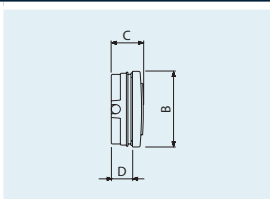
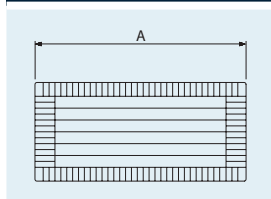
GW80966



UNIVERSAL COUPLING

Code	Suitable for	Conf. Imb.
GW 80 966	Pipes with outside Ø 16-20 mm	24/48

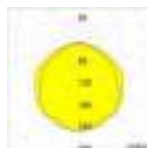
FLUSH-MOUNTING DEVICES



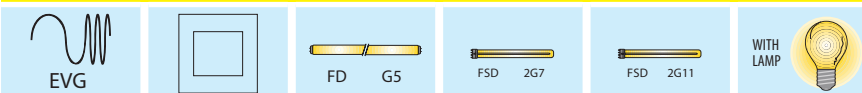
LAMP POWER	A	B	C	D
6 - 11 W	280	130	66	46
8 W	360	155	70	49

NON-MAINTAINED LIGHTING - NM

GW81461



STARTEC EIB - NM - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 461	8 W	FD	G5	Ni-Cd	1 h	118	1.5	1/6
GW 81 462	8 W	FD	G5	Ni-Cd	3 h	100	1.6	1/6
GW 81 463	11 W	FSD	2G7	Ni-Cd	1 h	350	1.2	1/10
GW 81 464	11 W	FSD	2G7	Ni-Cd	3 h	270	1.4	1/10
GW 81 465	24 W	FSD	2G11	Ni-Cd	1 h	480	1.7	1/6
GW 81 466	24 W	FSD	2G11	Ni-Cd	3 h	435	2.1	1/6

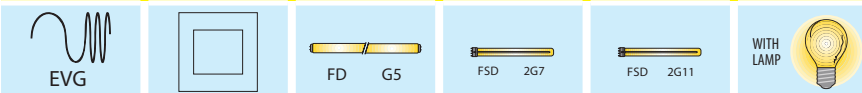
ACCESSORIES SUPPLIED: lamp and flush-mounting box.

MAINTAINED LIGHTING - M

GW81471



STARTEC EIB - M - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 471	8 W	FD	G5	Ni-Cd	1 h	90	1.5	1/6
GW 81 472	8 W	FD	G5	Ni-Cd	3 h	85	1.6	1/6
GW 81 473	11 W	FSD	2G7	Ni-Cd	1 h	255	1.2	1/10
GW 81 474	11 W	FSD	2G7	Ni-Cd	3 h	255	1.4	1/10
GW 81 475	24 W	FSD	2G11	Ni-Cd	1 h	405	1.7	1/6
GW 81 476	24 W	FSD	2G11	Ni-Cd	3 h	405	2.1	1/6

ACCESSORIES SUPPLIED: lamp and flush-mounting box.

COMPLEMENTARY ITEMS

GW80967



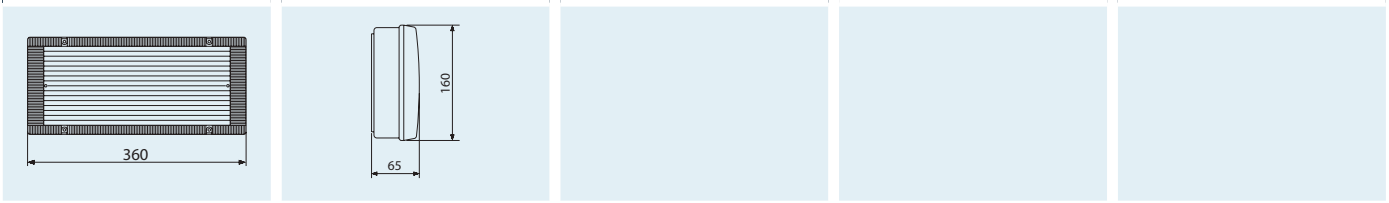
RECTANGULAR BOXES FOR FLUSH-MOUNTING STARTEC RANGE

Code	Suitable for	Material	Outer dim. LxHxD (mm)	Weight (kg)	Conf. lmb.
GW 80 967	6-11 W	PS	296x143x45	0.2	1/10
GW 80 968	8-24 W	PS	376x168x48	0.3	1/10

STARTEC EIB RANGE

AUTONOMOUS EMERGENCY DEVICES WITH CENTRALLY MANAGED SYSTEM - BUS-EIB

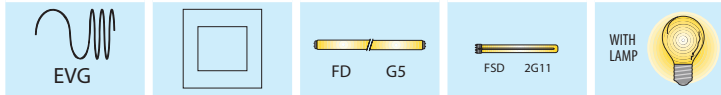
WATERTIGHT WALL OR CEILING MOUNTING DEVICES



NON-MAINTAINED LIGHTING - NM



STARTEC EIB - NM - IP65 - CLASS II



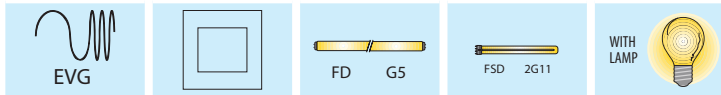
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 421	8 W	FD	G5	Ni-Cd	1 h	110	1.3	1/6
GW 81 422	8 W	FD	G5	Ni-Cd	3 h	100	1.4	1/6
GW 81 425	24 W	FSD	2G11	Ni-Cd	1 h	300	1.5	1/6
GW 81 426	24 W	FSD	2G11	Ni-Cd	3 h	240	1.9	1/6

ACCESSORIES SUPPLIED: lamp.

MAINTAINED LIGHTING - M



STARTEC EIB - M - IP65 - CLASS II

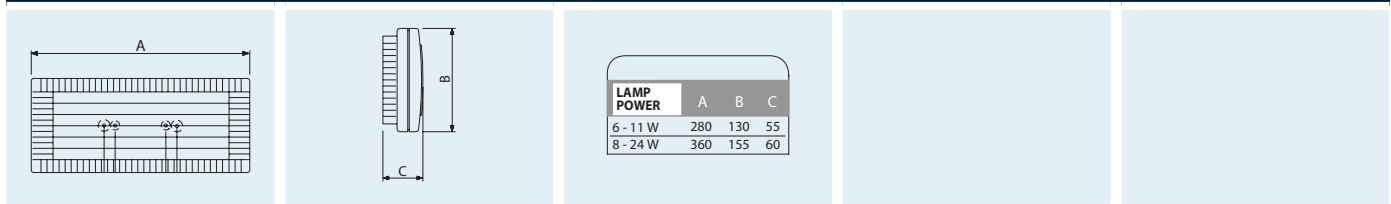


Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 431	8 W	FD	G5	Ni-Cd	1 h	90	1.3	1/6
GW 81 432	8 W	FD	G5	Ni-Cd	3 h	81	1.4	1/6
GW 81 435	24 W	FSD	2G11	Ni-Cd	1 h	250	1.5	1/6
GW 81 436	24 W	FSD	2G11	Ni-Cd	3 h	240	1.9	1/6

ACCESSORIES SUPPLIED: lamp.



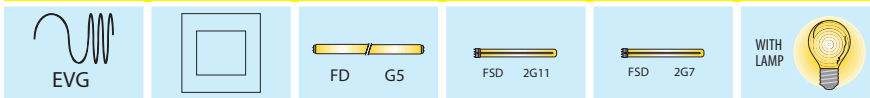
WALL OR CEILING MOUNTING DEVICES



NON-MAINTAINED LIGHTING - NM



STARTEC CHECK - NM - IP40 - CLASS II



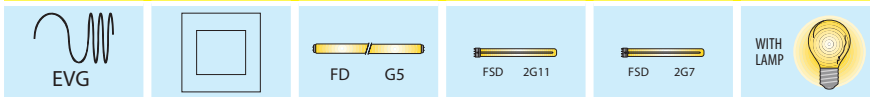
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 80 901	6 W	FD	G5	Ni-Cd	1 h	90	0.8	1/12
GW 80 902	6 W	FD	G5	Ni-Cd	3 h	75	0.9	1/12
GW 80 903	8 W	FD	G5	Ni-Cd	1 h	118	1.2	1/6
GW 80 904	8 W	FD	G5	Ni-Cd	3 h	100	1.3	1/6
GW 80 905	11 W	FSD	2G7	Ni-Cd	1 h	350	1	1/12
GW 80 906	11 W	FSD	2G7	Ni-Cd	3 h	270	1.2	1/12
GW 80 909	24 W	FSD	2G11	Ni-Cd	1 h	480	1.4	1/6
GW 80 910	24 W	FSD	2G11	Ni-Cd	3 h	435	1.8	1/6

ACCESSORIES SUPPLIED: lamp.

MAINTAINED LIGHTING - M



STARTEC CHECK - M - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 80 911	8 W	FD	G5	Ni-Cd	1 h	90	1.2	1/6
GW 80 912	8 W	FD	G5	Ni-Cd	3 h	85	1.3	1/6
GW 80 913	11 W	FSD	2G7	Ni-Cd	1 h	255	1	1/12
GW 80 914	11 W	FSD	2G7	Ni-Cd	3 h	270	1.2	1/12
GW 80 917	24 W	FSD	2G11	Ni-Cd	1 h	405	1.4	1/6
GW 80 918	24 W	FSD	2G11	Ni-Cd	3 h	405	1.8	1/6

ACCESSORIES SUPPLIED: lamp.

COMPLEMENTARY ITEMS



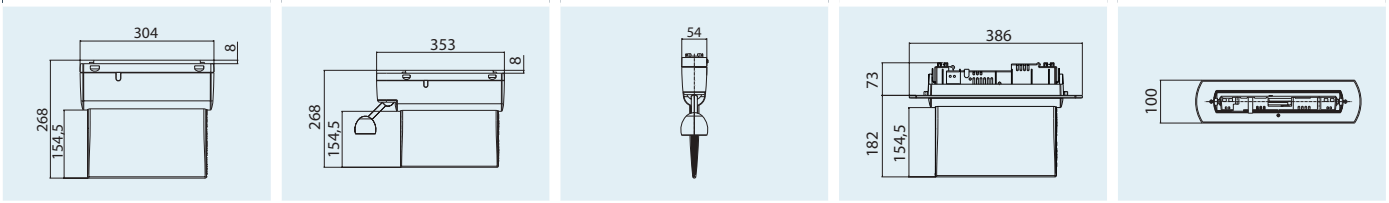
UNIVERSAL COUPLING

Code	Suitable for	Conf. Imb.
GW 80 966	Pipes with outside Ø 16-20 mm	24/48

STARTEC CHECK RANGE

AUTONOMOUS EMERGENCY DEVICES WITH LOCAL SELF-DIAGNOSIS

DOUBLE SIDED DEVICES - LED

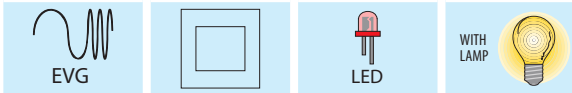


FOR WALL OR CEILING MOUNTING - MAINTAINED LIGHTING - M



GW81631

STARTEC CHECK - M - IP42 - CLASS II



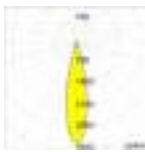
Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 631	3 W	LED	Ni-Mh	1 h	29.8	White	1.5	1/4
GW 81 632	3 W	LED	Ni-Mh	3 h	29.8	White	1.6	1/4
GW 81 633	3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.5	1/4
GW 81 634	3 W	LED	Ni-Mh	3 h	29.8	Titanium grey	1.6	1/4

NOTES: for wall mounting, the product must include the appropriate installation brackets.
For ceiling mounting, brackets are not necessary.
Visibility range in accord with the standard EN 1838.

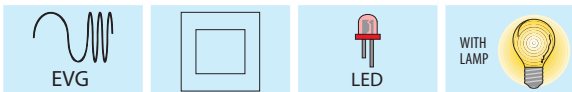
FOR WALL OR CEILING MOUNTING - MAINTAINED LIGHTING - M WITH DIRECTIONAL SPOTLIGHT



GW81642



STARTEC CHECK - M - IP42 - CLASS II



Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 641	3+3 W	LED	Ni-Mh	1 h	29.8	White	1.7	1/4
GW 81 642	3+3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.7	1/4

NOTES: for wall mounting, the product must include the appropriate installation brackets.
For ceiling mounting, brackets are not necessary.
Visibility range in accord with the standard EN 1838.

COMPLEMENTARY ITEMS



GW81691

FIXING BRACKET

Code	Type of installation	Colour	Conf. Imb.
GW 81 691	Perpendicular to the wall	White	1/24
GW 81 692	Parallel to the wall	White	1/24
GW 81 693	Perpendicular to the wall	Titanium grey	1/24
GW 81 694	Parallel to the wall	Titanium grey	1/24

FOR FLUSH-MOUNTING - MAINTAINED LIGHTING - M



GW81651

STARTEC CHECK - M - IP42 - CLASS II



Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 651	3 W	LED	Ni-Mh	1 h	29.8	White	1.5	1/4
GW 81 652	3 W	LED	Ni-Mh	3 h	29.8	White	1.6	1/4
GW 81 653	3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.5	1/4
GW 81 654	3 W	LED	Ni-Mh	3 h	29.8	Titanium grey	1.6	1/4

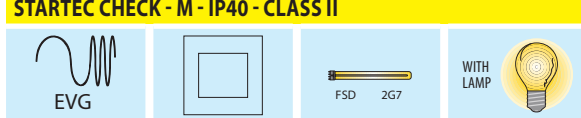
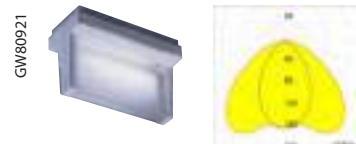
NOTES: the device is supplied complete with flush-mounting design trim.
Visibility range in accord with the standard EN 1838.

DOUBLE SIDED DEVICES - FLUORESCENT

CEILING-MOUNTING - MAINTAINED LIGHTING - M



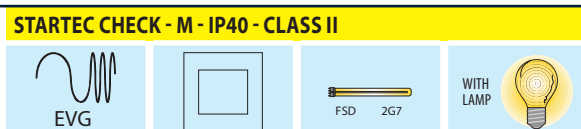
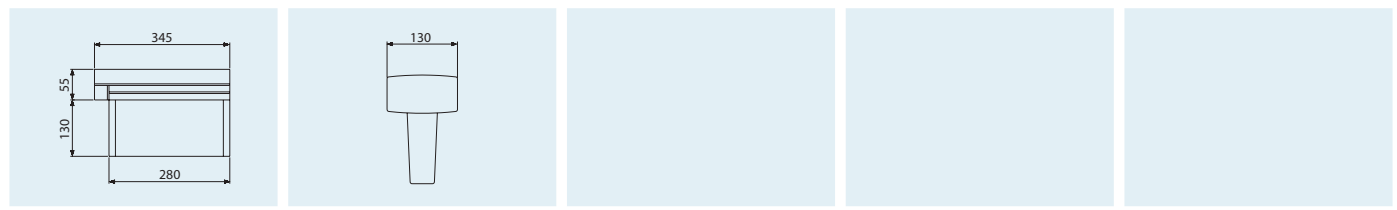
STARTEC CHECK - M - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 80 921	11 W	FSD	2G7	Ni-Cd	1 h	158	1.3	1/4
GW 80 922	11 W	FSD	2G7	Ni-Cd	3 h	172	1.5	1/4

ACCESSORIES SUPPLIED: lamp.

WALL-MOUNTING - MAINTAINED LIGHTING - M



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 80 926	11 W	FSD	2G7	Ni-Cd	1 h	158	1.6	1/4
GW 80 927	11 W	FSD	2G7	Ni-Cd	3 h	172	1.8	1/4

ACCESSORIES SUPPLIED: lamp.

COMPLEMENTARY ITEMS

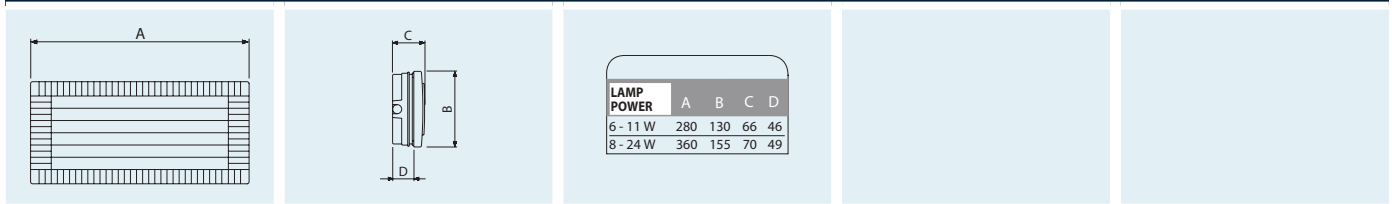


UNIVERSAL COUPLING		
Code	Suitable for	Conf. lmb.
GW 80 966	Pipes with outside Ø 16-20 mm	24/48

STARTEC CHECK RANGE

AUTONOMOUS EMERGENCY DEVICES WITH LOCAL SELF-DIAGNOSIS

FLUSH-MOUNTING DEVICES

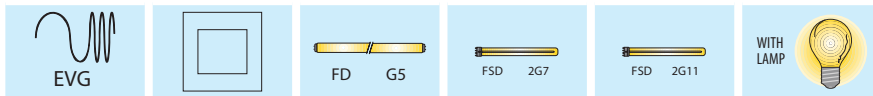


NON-MAINTAINED LIGHTING - NM

GW80933



STARTEC CHECK - NM - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 80 931	6 W	FD	G5	Ni-Cd	1 h	90	1	1/10
GW 80 932	6 W	FD	G5	Ni-Cd	3 h	78	1.1	1/10
GW 80 933	8 W	FD	G5	Ni-Cd	1 h	118	1.5	1/6
GW 80 934	8 W	FD	G5	Ni-Cd	3 h	100	1.6	1/6
GW 80 971	11 W	FSD	2G7	Ni-Cd	1 h	350	1.2	1/10
GW 80 972	11 W	FSD	2G7	Ni-Cd	3 h	270	1.4	1/10
GW 80 935	24 W	FSD	2G11	Ni-Cd	1 h	480	1.7	1/6

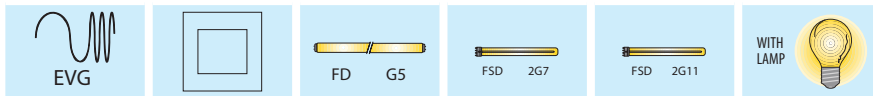
ACCESSORIES SUPPLIED: lamp and flush-mounting box.

MAINTAINED LIGHTING - M

GW80936



STARTEC CHECK - M - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 80 936	8 W	FD	G5	Ni-Cd	1 h	90	1.5	1/6
GW 80 937	8 W	FD	G5	Ni-Cd	3 h	85	1.6	1/6
GW 80 976	11 W	FSD	2G7	Ni-Cd	1 h	255	1.2	1/10
GW 80 977	11 W	FSD	2G7	Ni-Cd	3 h	270	1.4	1/10
GW 80 938	24 W	FSD	2G11	Ni-Cd	1 h	405	1.7	1/6

ACCESSORIES SUPPLIED: lamp and flush-mounting box.

COMPLEMENTARY ITEMS

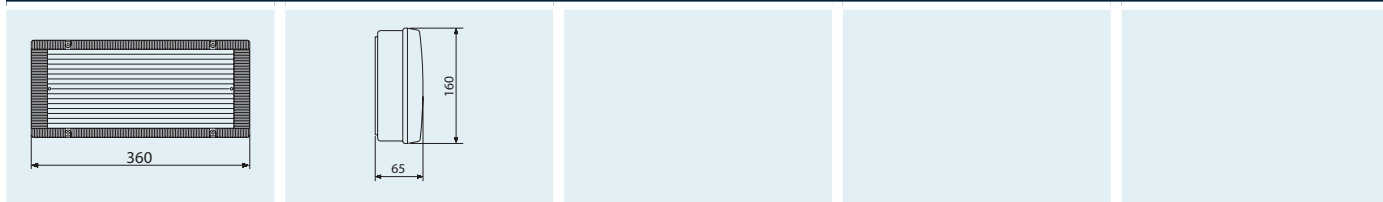
GW80967



RECTANGULAR BOXES FOR FLUSH-MOUNTING STARTEC RANGE

Code	Suitable for	Material	Outer dim. LxHxD (mm)	Weight (kg)	Conf. lmb.
GW 80 967	6-11 W	PS	296x143x45	0.2	1/10
GW 80 968	8-24 W	PS	376x168x48	0.3	1/10

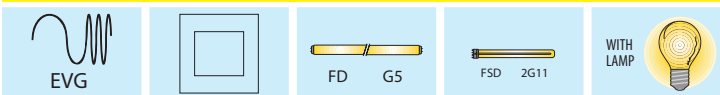
WATERTIGHT WALL OR CEILING MOUNTING DEVICES



NON-MAINTAINED LIGHTING - NM



STARTEC CHECK - NM - IP65 - CLASS II



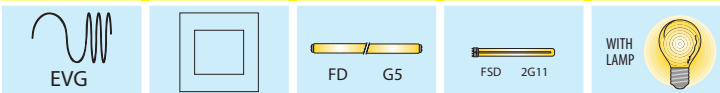
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 80 943	8 W	FD	G5	Ni-Cd	1 h	110	1.3	1/6
GW 80 944	8 W	FD	G5	Ni-Cd	3 h	100	1.4	1/6
GW 80 945	24 W	FSD	2G11	Ni-Cd	1 h	300	1.5	1/6

ACCESSORIES SUPPLIED: lamp.

MAINTAINED LIGHTING - M



STARTEC CHECK - M - IP65 - CLASS II

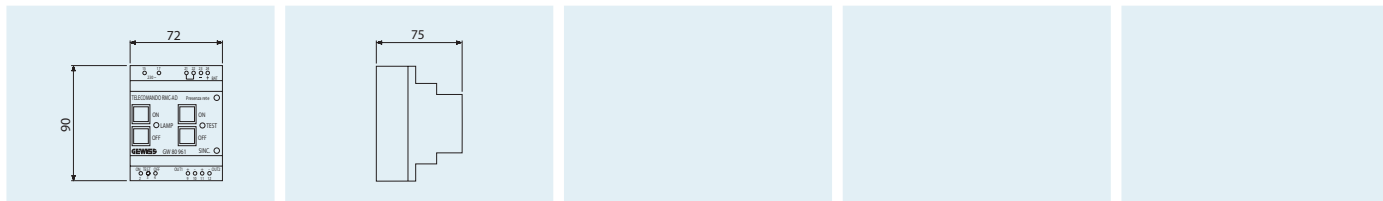


Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 80 951	8 W	FD	G5	Ni-Cd	1 h	88	1.3	1/6
GW 80 952	8 W	FD	G5	Ni-Cd	3 h	81	1.4	1/6
GW 80 953	24 W	FSD	2G11	Ni-Cd	1 h	250	1.5	1/6

ACCESSORIES SUPPLIED: lamp.

CONTROL DEVICES

REMOTE CONTROLS



RMC - AD REMOTE CONTROL (WITH STAND-BY MODE) - IP20

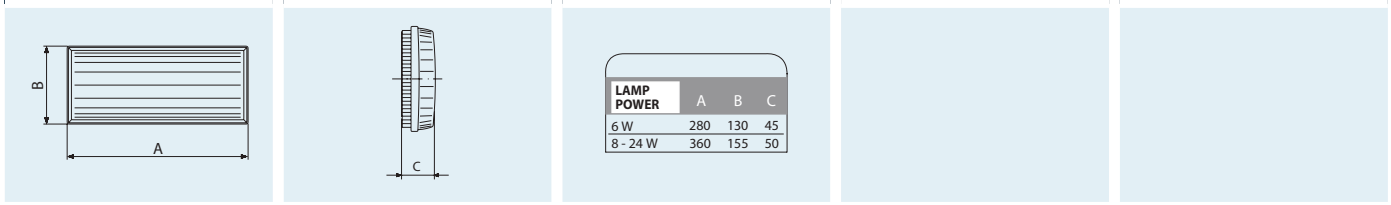
Code	Accumulator type	Connectable devices	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz				
GW 80 961	Ni - Mh	60+60	0.3	1/2

STARTEC FLAT RANGE

TRADITIONAL AUTONOMOUS EMERGENCY DEVICES



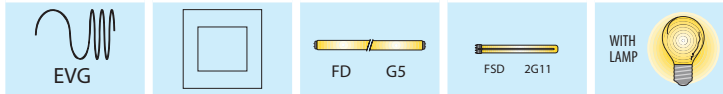
WALL MOUNTING DEVICES



NON-MAINTAINED LIGHTING - NM



STARTEC FLAT - NM - IP40 - CLASS II



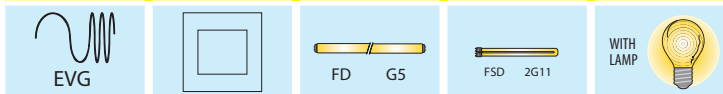
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 211	6 W	FD	G5	Ni-Cd	1 h	70	0.7	1/12
GW 81 212	8 W	FD	G5	Ni-Cd	1 h	88	1	1/6
GW 81 213	8 W	FD	G5	Ni-Cd	3 h	90	1.1	1/6
GW 81 218	24 W	FSD	2G11	Ni-Cd	1 h	360	1.2	1/6

ACCESSORIES SUPPLIED: lamp.

MAINTAINED LIGHTING - M



STARTEC FLAT - M - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 215	8 W	FD	G5	Ni-Cd	1 h	88	1	1/6
GW 81 216	8 W	FD	G5	Ni-Cd	3 h	88	1.1	1/6
GW 81 219	24 W	FSD	2G11	Ni-Cd	1 h	355	1.2	1/6

ACCESSORIES SUPPLIED: lamp.

COMPLEMENTARY ITEMS

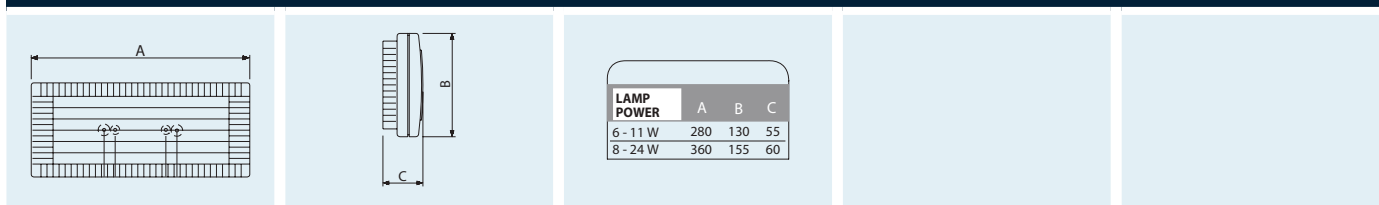


UNIVERSAL COUPLING

Code	Suitable for	Conf. lmb.
GW 80 966	Pipes with outside Ø 16-20 mm	24/48



WALL OR CEILING MOUNTING DEVICES

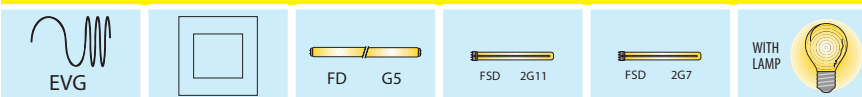


NON-MAINTAINED LIGHTING - NM

GW80235



STARTEC BASIC - NM - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 80 231	6 W	FD	G5	Ni-Cd	1 h	70	0.8	1/12
GW 80 235	8 W	FD	G5	Ni-Cd	1 h	115	1.2	1/6
GW 80 236	8 W	FD	G5	Ni-Cd	3 h	90	1.3	1/6
GW 80 233	11 W	FSD	2G7	Ni-Cd	1 h	260	1	1/12
GW 80 234	11 W	FSD	2G7	Ni-Cd	3 h	260	1.2	1/12
GW 80 237	24 W	FSD	2G11	Ni-Cd	1 h	465	1.4	1/6

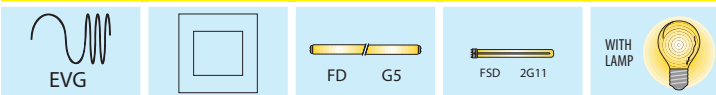
ACCESSORIES SUPPLIED: lamp.

MAINTAINED LIGHTING - M

GW80326



STARTEC BASIC - M - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 80 326	8 W	FD	G5	Ni-Cd	1 h	96	1.2	1/6
GW 80 327	8 W	FD	G5	Ni-Cd	3 h	96	1.3	1/6
GW 80 328	24 W	FSD	2G11	Ni-Cd	1 h	330	1.4	1/6

ACCESSORIES SUPPLIED: lamp.

COMPLEMENTARY ITEMS

GW80966



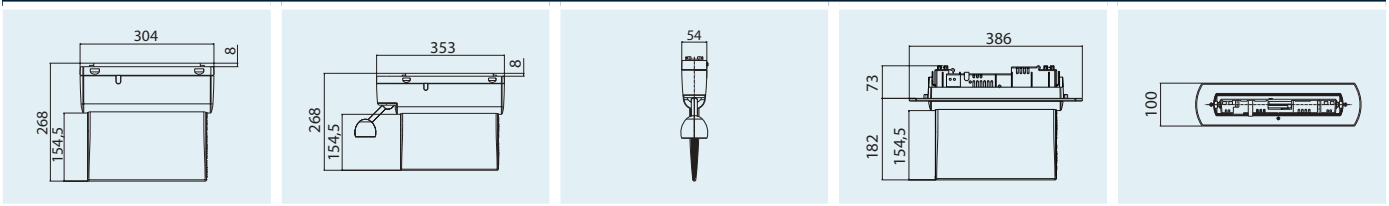
UNIVERSAL COUPLING

Code	Suitable for	Conf. Imb.
GW 80 966	Pipes with outside Ø 16-20 mm	24/48

STARTEC BASIC RANGE

TRADITIONAL AUTONOMOUS EMERGENCY DEVICES

DOUBLE SIDED DEVICES - LED

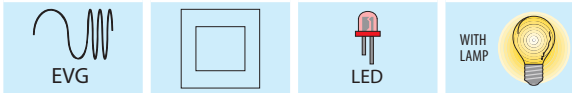


WALL OR CEILING-MOUNTING - MAINTAINED LIGHTING - M

GW81601



STARTEC BASIC - M - IP42 - CLASS II



Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 601	3 W	LED	Ni-Mh	1 h	29.8	White	1.5	1/4
GW 81 602	3 W	LED	Ni-Mh	3 h	29.8	White	1.6	1/4
GW 81 603	3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.5	1/4
GW 81 604	3 W	LED	Ni-Mh	3 h	29.8	Titanium grey	1.6	1/4

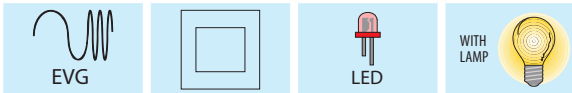
NOTES: for wall mounting, the product must include the appropriate installation brackets.
For ceiling mounting, brackets are not necessary.
Visibility range in accord with the standard EN 1838.

WALL OR CEILING-MOUNTING - MAINTAINED LIGHTING - M WITH DIRECTIONAL SPOTLIGHT

GW81612



STARTEC BASIC - M - IP42 - CLASS II



Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 611	3+3 W	LED	Ni-Mh	1 h	29.8	White	1.7	1/4
GW 81 612	3+3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.7	1/4

NOTES: for wall mounting, the product must include the appropriate installation brackets.
For ceiling mounting, brackets are not necessary.
Visibility range in accord with the standard EN 1838.

COMPLEMENTARY ITEMS

GW81691



FIXING BRACKET

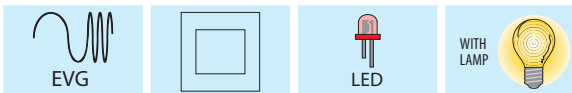
Code	Type of installation	Colour	Conf. Imb.
GW 81 691	Perpendicular to the wall	White	1/24
GW 81 692	Parallel to the wall	White	1/24
GW 81 693	Perpendicular to the wall	Titanium grey	1/24
GW 81 694	Parallel to the wall	Titanium grey	1/24

FOR FLUSH-MOUNTING - MAINTAINED LIGHTING - M

GW81621



STARTEC BASIC - M - IP42 - CLASS II

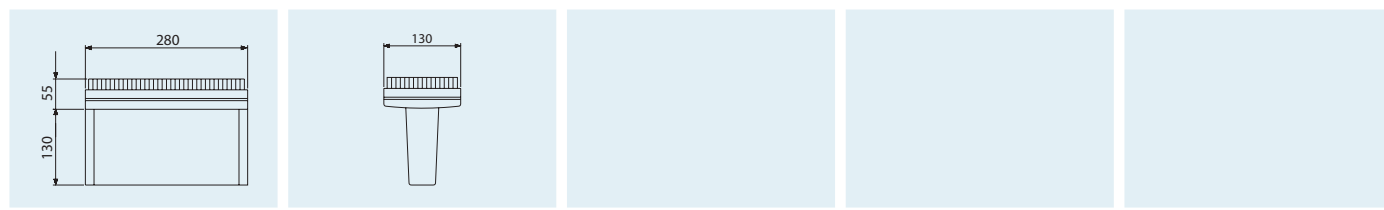


Code	LED power	Lamp supplied	Accumulator type	Autonomy	Visibility range (m)	Shell colour	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 621	3 W	LED	Ni-Mh	1 h	29.8	White	1.5	1/4
GW 81 622	3 W	LED	Ni-Mh	3 h	29.8	White	1.6	1/4
GW 81 623	3 W	LED	Ni-Mh	1 h	29.8	Titanium grey	1.5	1/4
GW 81 624	3 W	LED	Ni-Mh	3 h	29.8	Titanium grey	1.6	1/4

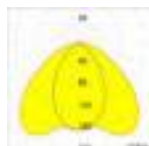
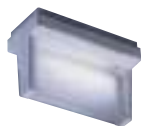
NOTES: the device is supplied complete with flush-mounting design trim.
Visibility range in accord with the standard EN 1838.

DOUBLE SIDED DEVICES - FLUORESCENT

CEILING-MOUNTING - MAINTAINED LIGHTING - M



GW81261



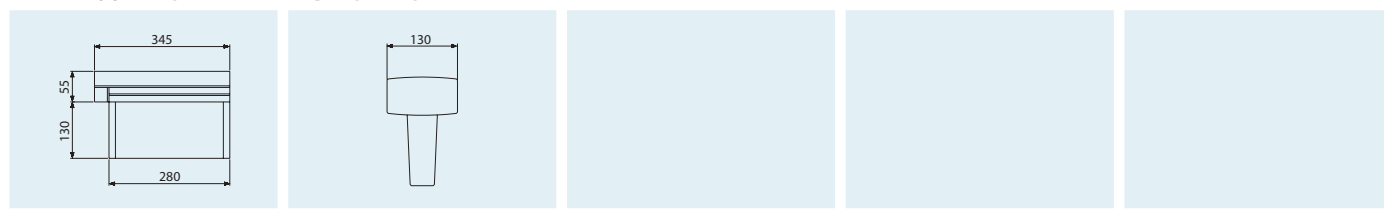
STARTEC BASIC - M - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 261	11 W	FSD	2G7	Ni-Cd	1 h	185	1.3	1/4
GW 81 262	11 W	FSD	2G7	Ni-Cd	3 h	190	1.5	1/4

ACCESSORIES SUPPLIED: lamp.

WALL-MOUNTING - MAINTAINED LIGHTING - M



GW81266



STARTEC BASIC - M - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 266	11 W	FSD	2G7	Ni-Cd	1 h	185	1.6	1/4
GW 81 267	11 W	FSD	2G7	Ni-Cd	3 h	190	1.8	1/4

ACCESSORIES SUPPLIED: lamp.

COMPLEMENTARY ITEMS

GW80966



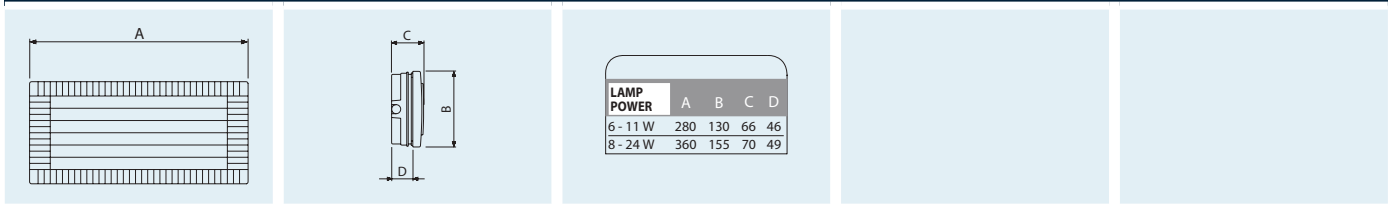
UNIVERSAL COUPLING

Code	Suitable for	Conf. Imb.
GW 80 966	Pipes with outside Ø 16-20 mm	24/48

STARTEC BASIC RANGE

TRADITIONAL AUTONOMOUS EMERGENCY DEVICES

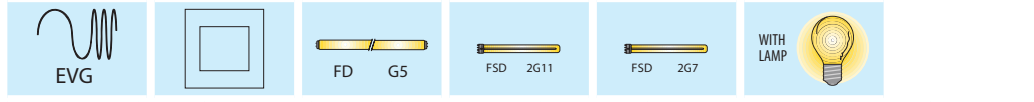
FLUSH-MOUNTING DEVICES



NON-MAINTAINED LIGHTING - NM



STARTEC BASIC - NM - IP40 - CLASS II



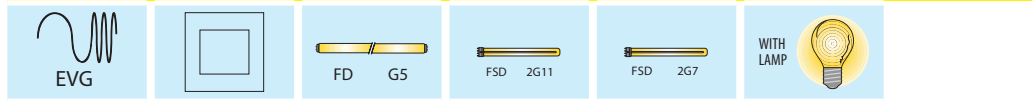
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 251	6 W	FD	G5	Ni-Cd	1 h	70	1	1/10
GW 81 253	8 W	FD	G5	Ni-Cd	1 h	115	1.5	1/6
GW 81 254	8 W	FD	G5	Ni-Cd	3 h	90	1.6	1/6
GW 81 256	11 W	FSD	2G7	Ni-Cd	1 h	260	1.2	1/10
GW 81 281	11 W	FSD	2G7	Ni-Cd	3 h	260	1.4	1/10
GW 81 257	24 W	FSD	2G11	Ni-Cd	1 h	465	1.7	1/6

ACCESSORIES SUPPLIED: lamp and flush-mounting box.

MAINTAINED LIGHTING - M



STARTEC BASIC - M - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. lmb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 255	8 W	FD	G5	Ni-Cd	1 h	96	1.5	1/6
GW 81 258	8 W	FD	G5	Ni-Cd	3 h	96	1.6	1/6
GW 81 286	11 W	FSD	2G7	Ni-Cd	1 h	260	1.2	1/10
GW 81 287	11 W	FSD	2G7	Ni-Cd	3 h	260	1.4	1/10
GW 81 259	24 W	FSD	2G11	Ni-Cd	1 h	330	1.7	1/6

ACCESSORIES SUPPLIED: lamp and flush-mounting box.

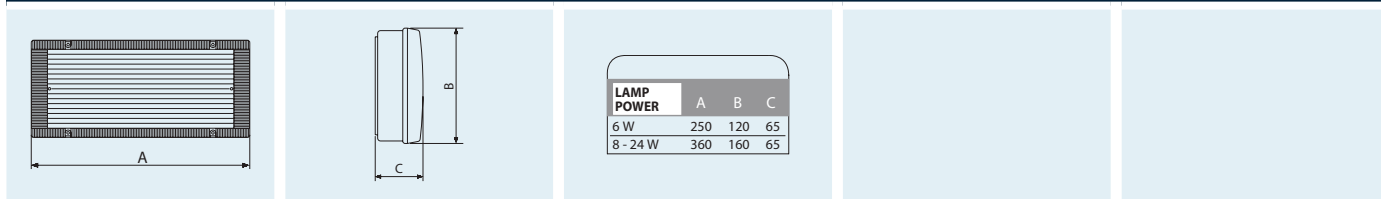
COMPLEMENTARY ITEMS



RECTANGULAR BOXES FOR FLUSH-MOUNTING STARTEC RANGE

Code	Suitable for	Material	Outer dim. LxHxD (mm)	Weight (kg)	Conf. lmb.
GW 80 967	6-11 W	PS	296x143x45	0.2	1/10
GW 80 968	8-24 W	PS	376x168x48	0.3	1/10

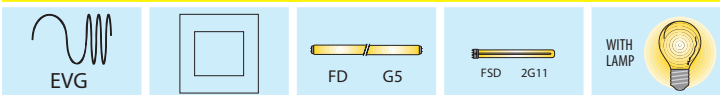
WATERTIGHT WALL OR CEILING MOUNTING DEVICES



NON-MAINTAINED LIGHTING - NM



STARTEC BASIC - NM - IP65 - CLASS II



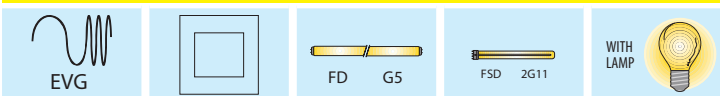
Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 221	6 W	FD	G5	Ni-Cd	1 h	60	0.9	1/12
GW 81 222	8 W	FD	G5	Ni-Cd	1 h	107	1.3	1/6
GW 81 223	8 W	FD	G5	Ni-Cd	3 h	87	1.4	1/6
GW 81 224	24 W	FSD	2G11	Ni-Cd	1 h	402	1.5	1/6

ACCESSORIES SUPPLIED: lamp.

MAINTAINED LIGHTING - M



STARTEC BASIC - M - IP65 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Accumulator type	Autonomy	Flow lum. in emerg. (lm)	Weight (kg)	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz								
GW 81 225	8 W	FD	G5	Ni-Cd	1 h	90	1.3	1/6
GW 81 226	8 W	FD	G5	Ni-Cd	3 h	90	1.4	1/6
GW 81 227	24 W	FSD	2G11	Ni-Cd	1 h	315	1.5	1/6

ACCESSORIES SUPPLIED: lamp.

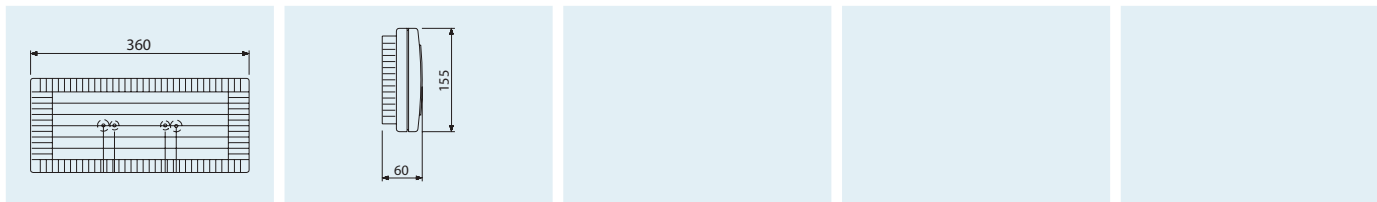
STARTEC GSE RANGE

EMERGENCY DEVICES FOR CENTRALISED POWER SUPPLY



WALL OR CEILING MOUNTING DEVICES

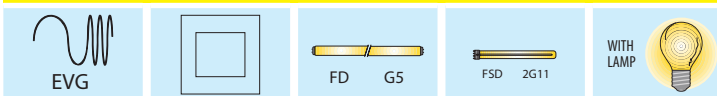
PROTECTED IP40



GW81271



STARTEC GSE - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Weight (kg)	Conf. Imb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz					
GW 81 271	8 W	FD	G5	0.9	1/6
GW 81 272	24 W	FSD	2G11	1	1/6

ACCESSORIES SUPPLIED: lamp.

COMPLEMENTARY ITEMS

GW80966

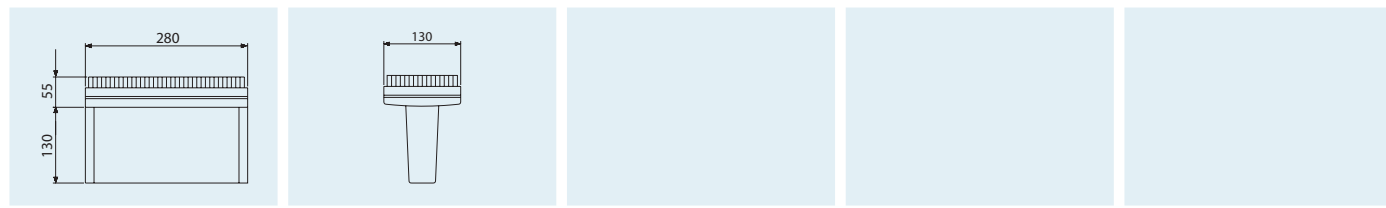


UNIVERSAL COUPLING

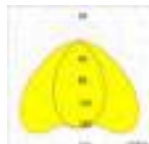
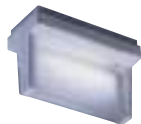
Code	Suitable for	Conf. Imb.
GW 80 966	Pipes with outside Ø 16-20 mm	24/48

DOUBLE SIDED DEVICES

CEILING-MOUNTING - PROTECTED IP40



GW81277



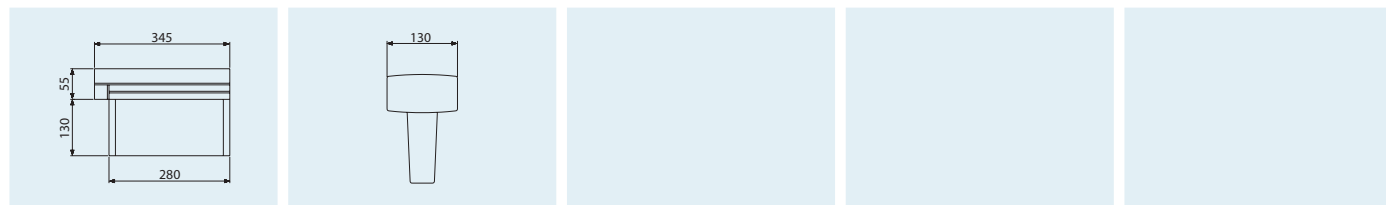
STARTEC GSE - IP40 - CLASS II



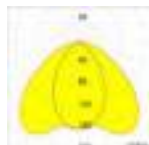
Code	Lamp power	Lamp supplied	Lamp holder	Weight (kg)	Conf. Imb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz					
GW 81 277	11 W	FSD	2G7	1	1/4

ACCESSORIES SUPPLIED: lamp.

WALL-MOUNTING - PROTECTED IP40



GW81278



STARTEC GSE - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Weight (kg)	Conf. Imb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz					
GW 81 278	11 W	FSD	2G7	1.2	1/4

ACCESSORIES SUPPLIED: lamp.

COMPLEMENTARY ITEMS

GW80966



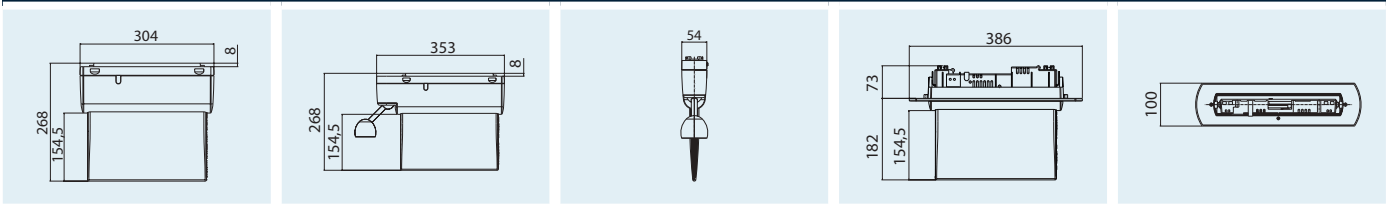
UNIVERSAL COUPLING

Code	Suitable for	Conf. Imb.
GW 80 966	Pipes with outside Ø 16-20 mm	24/48

STARTEC GSE RANGE

EMERGENCY DEVICES FOR CENTRALISED POWER SUPPLY

DOUBLE-SIDED DEVICES - LED

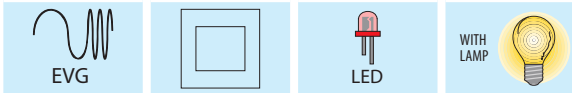


WALL-MOUNTING AND CEILING-MOUNTING



GW81731

STARTEC GSE - IP42 - CLASS II



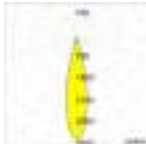
Code	LED power	Lamp supplied	Visibility range (m)	Shell colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz						
GW 81 731	3 W	LED	29.8	White	1	1/4
GW 81 732	3 W	LED	29.8	Titanium grey	1	1/4

NOTES: for wall mounting, the product must be completed with the appropriate installation brackets.
For ceiling mounting, brackets are not necessary.
Visibility range in accord with the standard EN 1838.

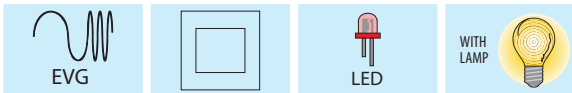
FOR WALL OR CEILING-MOUNTING WITH DIRECTIONAL SPOTLIGHT



GW81737



STARTEC GSE - IP42 - CLASS II



Code	LED power	Lamp supplied	Visibility range (m)	Shell colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz						
GW 81 736	3+3 W	LED	29.8	White	1.1	1/4
GW 81 737	3+3 W	LED	29.8	Titanium grey	1.1	1/4

NOTES: for wall mounting, the product must be completed with the appropriate installation brackets.
For ceiling mounting, brackets are not necessary.
Visibility range in accord with the standard EN 1838.

TECHNICAL COMPONENTS



GW81691

FIXING BRACKET

Code	Type of installation	Colour	Conf. lmb.
GW 81 691	Perpendicular to the wall	White	1/24
GW 81 692	Parallel to the wall	White	1/24
GW 81 693	Perpendicular to the wall	Titanium grey	1/24
GW 81 694	Parallel to the wall	Titanium grey	1/24

FLUSH-MOUNTING



GW81741

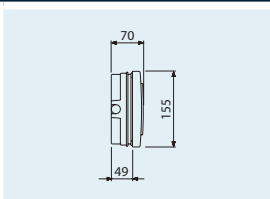
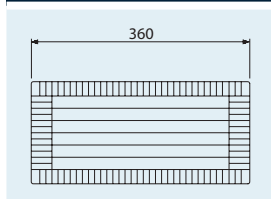
STARTEC GSE - IP42 - CLASS II



Code	LED power	Lamp supplied	Visibility range (m)	Shell colour	Weight (kg)	Conf. lmb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz						
GW 81 741	3 W	LED	29.8	White	1	1/4
GW 81 742	3 W	LED	29.8	Titanium grey	1	1/4

NOTES: the device is supplied complete with flush-mounting design trim.
Visibility range in accord with the standard EN 1838.

FLUSH-MOUNTING DEVICES



PROTECTED IP40

GW81275



STARTEC GSE - IP40 - CLASS II



Code	Lamp power	Lamp supplied	Lamp holder	Weight (kg)	Conf. Imb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz					
GW 81 275	8 W	FD	G5	1.2	1/6
GW 81 276	24 W	FSD	2G11	1.3	1/6

ACCESSORIES SUPPLIED: lamp and flush-mounting box.

COMPLEMENTARY ITEMS

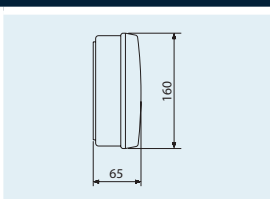
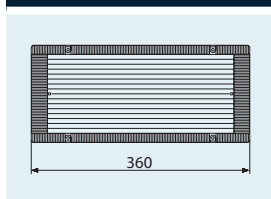
GW80967



RECTANGULAR BOXES FOR FLUSH-MOUNTING STARTEC RANGE

Code	Suitable for	Material	Outer dim. LxHxD (mm)	Weight (kg)	Conf. Imb.
GW 80 967	6-11 W	PS	296x143x45	0.2	1/10
GW 80 968	8-24 W	PS	376x168x48	0.3	1/10

WATERTIGHT WALL OR CEILING MOUNTING DEVICES



WATERTIGHT IP65

GW81273



STARTEC GSE - IP65 - CLASS II



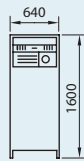
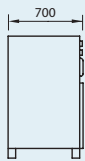
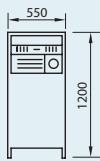
Code	Lamp power	Lamp supplied	Lamp holder	Weight (kg)	Conf. Imb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz					
GW 81 273	8 W	FD	G5	1	1/6
GW 81 274	24 W	FSD	2G11	1.1	1/6

ACCESSORIES SUPPLIED: lamp.

STARTEC UPS RANGE

CENTRALISED POWER SUPPLY SYSTEMS

UPS UNITS FOR POWER SUPPLY TO LOADS



GW81751



UPS UNITS WITH DOUBLE CONVERSION ON-LINE TECHNOLOGY, COMPLETE WITH BATTERIES

Code	Rated power	In/out voltage	Autonomy	Weight (kg)	Dimensions (mm)	Conf. Imb.
GW 81 751	1500 W	Single-phase/Single-phase	1 h	216	1200x550x700	1
GW 81 752	1500 W	Single-phase/Single-phase	3 h	320	1200x550x700	1
GW 81 753	2200 W	Single-phase/Single-phase	1 h	256	1200x550x700	1
GW 81 754	2200 W	Single-phase/Single-phase	3 h	519	1600x640x745	1
GW 81 755	3500 W	Single-phase/Single-phase	1 h	313	1200x550x700	1
GW 81 756	3500 W	Single-phase/Single-phase	3 h	710	1600x640x745	1
GW 81 757	4500 W	Single-phase/Single-phase	1 h	400	1600x640x745	1
GW 81 758	4500 W	Single-phase/Single-phase	3 h	500 - 535	1600x640x745	1

NOTES: the autonomy is guaranteed at the maximum load indicated in the table.

SERVICE TECHNICAL COMPONENTS

GW81378






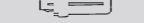
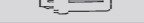


LAMP SENSOR FOR FUNCTIONAL CHECK OF FLUORESCENT TUBE AND CONNECTION WITH STANDARD CENTRALISED SYSTEMS

Code	Sensor type	Suitable for	Communication BUS	Dimensions (mm)	Weight (kg)	Conf. Imb.
GW 81 378	SFH 203P	Maximum fluorescent luminary 2x58W	BUS Lon Talk	115x45x42	0.4	1






KIT DURATION AND EFFICIENCY

KIT NET / KIT EIB: VERSION FOR FLUORESCENT TUBES 11 ÷ 32 W

Source	Coupling	Power supply	Power (W)								
T8 	G13	Conv./Electr.				18					
T5 	G5	Electronic			14		21			28	
FSD 	2G11	Conv./Electr.				18		24			
FSD 	2G7	Conv./Electr.	11								
FSQ 	2G10	Conv./Electr.				18		24			
FSQ 	G24q	Conv./Electr.		13		18				26	
FSM 	GX24q	Electronic		13		18				26	32
Duration			2h 30'	2h 30'	2h	1h 30'	1h 30'	1h 30'	1h 30'	1h	1h
Efficiency			45%	40%	40%	27%	25%	25%	25%	15%	20%

Note: guaranteed duration for recharging time 24h.

KIT NET / KIT EIB: VERSION FOR FLUORESCENT TUBES 24 ÷ 58 W

Source	Coupling	Power supply	Power (W)								
T8 	G13	Conv./Electr.				36					58
FSD 	2G11	Conv./Electr.	24			36	40			55	
FSQ 	2G10	Conv./Electr.	24			36					
FSQ 	G24q	Conv./Electr.		26							
FSM 	GX24q	Electronic		26	32				42		
Duration			3h	2h 30'	2h	2h	2h	2h	2h	2h	2h
Efficiency			21%	25%	15%	20%	20%	15%	15%	15%	

Note: guaranteed duration for recharging time 24h.

The kits can only be installed on device fitted with lamps of the type indicated in the tables.
For any doubts, please consult GEWISS Customer Service.

CONVENTIONAL KITS TO BE USED WITH MAGNETIC POWER SUPPLIES - AUTONOMY 1H - RECHARGING 24H

Source	Coupling	Power supply	Power (W)																			
			4	6	8						13											
T5	G5	Conventional	4	6	8						13											
T8	G13	Conventional										18						36	58			
T8 circ.	G10q	Conventional											22					32				
2D	GR10q	Conventional							10			16					28	38				
FSD	2G7	Conventional		5	7	9	11															
FSD	2G11	Conventional											18	24				36	55			
FSQ	G24q	Conventional							10	13	18				26							
Duration			3h	3h	3h	3h	3h	3h	2h	2h	2h	2h	2h	2h	2h	1h30'	1h30'	1h30'	1h30'	1h	1h	
Efficiency			30%	30%	25%	25%	25%	25%	20%	20%	20%	18%	15%	16%	16%	15%	15%	20%	11%	12%	8%	9%

CONVENTIONAL KITS TO BE USED WITH MAGNETIC POWER SUPPLIES - AUTONOMY 3H - RECHARGING 24H

Source	Coupling	Power supply	Power (W)																			
			4	6	8																	
T5	G5	Conventional	4	6	8							13										
T8	G13	Conventional											18						36	58		
T8 circ.	G10q	Conventional												22				32				
2D	GR10q	Conventional							10			16					28	38				
FSD	2G7	Conventional		5	7	9	11															
FSD	2G11	Conventional												18	24				36	55		
FSQ	G24q	Conventional							10	13	18				26							
Duration			4h	4h	4h	4h	4h	4h	3h	3h	3h	3h	3h	3h	3h	3h	3h	3h	3h	3h	3h	3h
Efficiency			28%	28%	23%	23%	23%	23%	18%	18%	18%	16%	14%	15%	15%	14%	14%	11%	9%	9%	7%	7%

CONVENTIONAL KITS TO BE USED WITH ELECTRONIC POWER SUPPLIES - AUTONOMY 1H - RECHARGING 24H

Source	Coupling	Power supply	Power (W)																												
			4	6	8																										
T5	G5	electronic	4	6	8																										
T5	G5	electronic									14		21	24	28	35			39		49	54		80							
T5 circ.	G10q	electronic												22					40				55								
T8	G13	mixed										18						36						58							
T8 circ.	G10q	mixed												22		32															
2D	GR10q	mixed							10			16					28		38												
FSD	2G7	electronic	5	7	9	11																									
FSQ	2G10	mixed											18	24					36												
FSD	2G11	mixed												18	24				36					55							
FSQ	G24q	electronic							10	13	18				26																
FSM	GX24q	electronic																32					42								
Duration			1h	1h	1h	1h	1h	1h	1h	1h	1h	1h	1h	1h	1h	1h	1h	1h	1h	1h	1h	1h	1h	1h							
Efficiency			50%	40%	50%	38%	38%	28%	31%	33%	27%	27%	30%	32%	35%	30%	26%	27%	28%	20%	24%	20%	15%	21%	18%	9%	9%	7%	9%	7%	5%

The kits can only be installed on device fitted with lamps of the type indicated in the tables. For any doubts, please consult GEWISS Customer Service.

STARTEC KIT RANGE

STARTEC KIT RANGE

CONVENTIONAL EMERGENCY LIGHTING TRANSFORMATION KITS

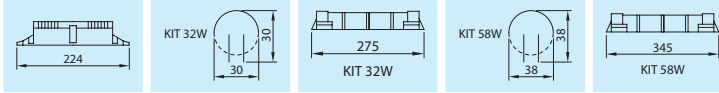
KIT FOR EMERGENCY LIGHTING SYSTEMS

KIT NET

GW81370



KIT FOR TRANSFORMING FROM CONVENTIONAL FLUORESCENT DEVICE TO BUS LAN-TALK CENTRAL EMERGENCY DEVICE



Code	Lamp power	Accumulator type	Autonomy	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz				
GW 81 370	11 - 32 W	Ni-Cd	1 h	1
GW 81 375	24 - 58 W	Ni-Cd	1 h	1

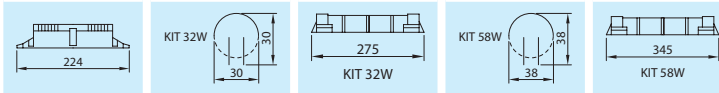
NOTE: transformation kit for lamps with starter not integrated in the base. Refer to the specific table to check the suitability for the type of lamp.

KIT EIB

GW81451



KIT FOR TRANSFORMING FROM CONVENTIONAL FLUORESCENT DEVICE TO KNX BUS CENTRALISED EMERGENCY DEVICE



Code	Lamp power	Accumulator type	Autonomy	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz				
GW 81 451	11 - 32 W	Ni-Cd	1 h	1
GW 81 452	24 - 58 W	Ni-Cd	1 h	1

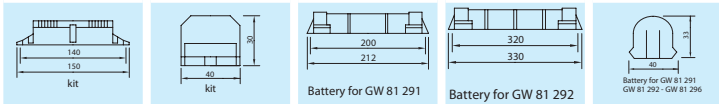
NOTE: transformation kit for lamps with starter not integrated in the base. Refer to the specific table to check the suitability for the type of lamp.

KIT BASIC

GW81292



TRANSFORMATION KIT FOR FLUORESCENT DEVICES WITH MAGNETIC POWER SUPPLY IN EMERGENCY DEVICES



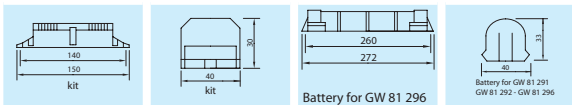
Code	Max lamp power	Accumulator type	Autonomy	Conf. Imb.
VOLTAGE: 230 V - 50 / 60 Hz				
GW 81 291	58 W	Ni-Cd	1 h	1
GW 81 292	58 W	Ni-Cd	3 h	1

NOTE: transformation kit for lamps with starter not integrated in the base. Refer to the specific table to check the suitability for the type of lamp.

GW81296



TRANSFORMATION KIT FOR FLUORESCENT DEVICES WITH ELECTRONIC POWER SUPPLY IN EMERGENCY DEVICES











Code	Max lamp power	Accumulator type	Autonomy	Conf. Imb.
VOLTAGE: 230 / 240 V - 50 / 60 Hz				
GW 81 296	80 W	Ni-Cd	1 h	1

NOTE: Refer to the specific table to check the suitability for the type of lamp.

STARTEC RANGE

COMPLEMENTARY ITEMS

	Wall-ceiling/flush mounting				Double side LED Wall-ceiling mounting	Double side LED Wall-ceiling mounting with directional spotlight	Double side LED Flush mounting
							
POWER	6 W	11 W	8 W	24 W	3 W	3+3 W	3 W
DEVICE CODE	GW 80 231	GW 80 233	GW 80 235	GW 80 237	GW 81 661	GW 81 671	GW 81 681
	GW 80 901	GW 80 234	GW 80 236	GW 80 328	GW 81 662	GW 81 672	GW 81 682
	GW 80 902	GW 80 905	GW 80 326	GW 80 909	GW 81 663	GW 81 711	GW 81 683
	GW 80 931	GW 80 906	GW 80 327	GW 80 910	GW 81 664	GW 81 712	GW 81 684
	GW 80 932	GW 80 913	GW 80 903	GW 80 917	GW 81 701	GW 81 641	GW 81 721
	GW 81 251	GW 80 914	GW 80 904	GW 80 918	GW 81 702	GW 81 642	GW 81 722
		GW 80 971	GW 80 911	GW 80 935	GW 81 703	GW 81 611	GW 81 723
		GW 80 972	GW 80 912	GW 80 938	GW 81 704	GW 81 612	GW 81 724
		GW 80 976	GW 80 933	GW 81 257	GW 81 631	GW 81 736	GW 81 651
		GW 80 977	GW 80 934	GW 81 259	GW 81 632	GW 81 737	GW 81 652
		GW 81 256	GW 80 936	GW 81 272	GW 81 633		GW 81 653
		GW 81 281	GW 80 937	GW 81 276	GW 81 634		GW 81 654
		GW 81 286	GW 81 253	GW 81 308	GW 81 601		GW 81 621
		GW 81 287	GW 81 254	GW 81 309	GW 81 602		GW 81 622
		GW 81 305	GW 81 255	GW 81 317	GW 81 603		GW 81 623
		GW 81 306	GW 81 258	GW 81 318	GW 81 604		GW 81 624
		GW 81 313	GW 81 271	GW 81 332	GW 81 731		GW 81 741
		GW 81 314	GW 81 275	GW 81 335	GW 81 732		GW 81 742
		GW 81 381	GW 81 303	GW 81 338			
		GW 81 382	GW 81 304	GW 81 339			
		GW 81 386	GW 81 311	GW 81 405			
		GW 81 387	GW 81 312	GW 81 406			
		GW 81 403	GW 81 333	GW 81 415			
		GW 81 404	GW 81 334	GW 81 416			
		GW 81 413	GW 81 336	GW 81 465			
		GW 81 414	GW 81 337	GW 81 466			
		GW 81 463	GW 81 401	GW 81 475			
		GW 81 464	GW 81 402	GW 81 476			
		GW 81 473	GW 81 411				
		GW 81 474	GW 81 412				
			GW 81 461				
			GW 81 462				
		GW 81 471					
		GW 81 472					
LABEL							
	GW 80 381		GW 80 261			GW 80 471	
	GW 80 382		GW 80 262			GW 80 472	
	GW 80 383		GW 80 263			GW 80 473	
	GW 80 384		GW 80 264			GW 80 474	

		STARTEC NET - EIB - CHECK - BASIC - GSE				STARTEC FLAT		
Double side		Watertight				Wall-ceiling mounting		
11 W		6 W	8 W	24 W	6 W	8 W	24 W	
GW 80 921		GW 81 221	GW 80 943	GW 80 945	GW 81 211	GW 81 212	GW 81 218	
GW 80 922			GW 80 944	GW 80 953		GW 81 213	GW 81 219	
GW 80 926			GW 80 951	GW 81 224		GW 81 215		
GW 80 927			GW 80 952	GW 81 227		GW 81 216		
GW 81 261			GW 81 222	GW 81 274				
GW 81 262			GW 81 223	GW 81 345				
GW 81 266			GW 81 225	GW 81 346				
GW 81 267			GW 81 226	GW 81 353				
GW 81 277			GW 81 273	GW 81 354				
GW 81 278			GW 81 343	GW 81 425				
GW 81 321			GW 81 344	GW 81 426				
GW 81 322			GW 81 351	GW 81 435				
GW 81 326			GW 81 352	GW 81 436				
GW 81 327			GW 81 421					
GW 81 443			GW 81 422					
GW 81 444			GW 81 431					
GW 81 445			GW 81 432					
GW 81 446								
GW 80 341		GW 80 381	GW 80 216		GW 80 381	GW 80 261		
GW 80 342		GW 80 382	GW 80 217		GW 80 382	GW 80 262		
GW 80 343		GW 80 383	GW 80 219		GW 80 383	GW 80 263		
GW 80 344		GW 80 384	GW 80 222		GW 80 384	GW 80 264		

SAFETY SIGNS



SELF-ADHESIVE LABELS - STARTEC 6-11 W (NOT FOR DOUBLE-SIDE DEVICES)

Code	Description	Dimensions HxL (mm)	Conf. Imb.
GW 80 381	EXIT LEFT	86X243	12
GW 80 382	EXIT RIGHT	86X243	12
GW 80 383	EXIT DOWN	86X243	12
GW 80 384	EXIT UP	86X243	12



SELF-ADHESIVE LABELS - STARTEC 11 W (DOUBLE-SIDE DEVICES)

Code	Description	Dimensions HxL (mm)	Conf. Imb.
GW 80 341	EXIT LEFT	127X255	12
GW 80 342	EXIT RIGHT	127X255	12
GW 80 343	EXIT DOWN	127X255	12
GW 80 344	EXIT UP	127X255	12



SELF-ADHESIVE LABELS - STARTEC LED

Code	Description	Dimensions HxL (mm)	Conf. Imb.
GW 80 471	EXIT LEFT	149X258	12
GW 80 472	EXIT RIGHT	149X258	12
GW 80 473	EXIT DOWN	149X258	12
GW 80 474	EXIT UP	149X258	12



SELF-ADHESIVE LABELS - STARTEC 8-24 W (NOT FOR IP65 WATERTIGHT DEVICES)

Code	Description	Dimensions HxL (mm)	Conf. Imb.
GW 80 261	EXIT LEFT	106X359	12
GW 80 262	EXIT RIGHT	106X359	12
GW 80 263	EXIT DOWN	106X359	12
GW 80 264	EXIT UP	106X359	12



SELF-ADHESIVE LABELS - STARTEC 8-24 W (IP65 WATERTIGHT DEVICES)

Code	Description	Dimensions HxL (mm)	Conf. Imb.
GW 80 216	EXIT LEFT	130X350	12
GW 80 217	EXIT RIGHT	130X350	12
GW 80 219	EXIT DOWN	130X350	12
GW 80 222	EXIT UP	130X350	12

CODE	UM	QUANTITY		PAGE
		PACK/ CARTON	PALLET	
GW80				
GW 80001		1/28	28	134
GW 80002		1/28	28	134
GW 80003		1/28	28	134
GW 80004		1/20	20	134
GW 80005		1/20	20	134
GW 80006		1/20	20	134
GW 80034 F		1/20	20	136
GW 80035 F		1/20	20	136
GW 80036 F		1/20	20	136
GW 80041		1/28	28	134
GW 80042		1/28	28	134
GW 80043		1/28	28	134
GW 80044		1/20	20	134
GW 80045		1/20	20	134
GW 80046		1/20	20	134
GW 80071		1/28	28	134
GW 80072		1/28	28	134
GW 80073		1/28	28	134
GW 80074		1/20	20	134
GW 80075		1/20	20	134
GW 80076		1/20	20	134
GW 80101		1/28	28	134
GW 80102		1/28	28	134
GW 80103		1/28	28	134
GW 80104		1/20	20	134
GW 80105		1/20	20	134
GW 80106		1/20	20	134
GW 80131		1	28	137
GW 80132		1	28	137
GW 80133		1	28	137
GW 80134		1	20	137
GW 80135		1	20	137
GW 80136		1	20	137
GW 80141		1/28	28	135
GW 80142		1/28	28	135
GW 80143		1/28	28	135
GW 80144		1/20	20	135
GW 80145		1/20	20	135
GW 80146		1/20	20	135
GW 80151		1/28	28	135
GW 80152		1/28	28	135
GW 80153		1/28	28	135
GW 80154		1/20	20	135
GW 80155		1/20	20	135
GW 80156		1/20	20	135
GW 80161		1/28	28	135
GW 80162		1/28	28	135
GW 80163		1/28	28	135
GW 80164		1/20	20	135
GW 80165		1/20	20	135
GW 80166		1/20	20	135
GW 80191		1/28	28	135
GW 80192		1/20	20	135
GW 80193		1/28	28	135
GW 80194		1/28	28	135
GW 80195		1/20	20	135
GW 80198		1	28	137
GW 80216		12	8640	286
GW 80217		12	8640	286
GW 80219		12	8640	286

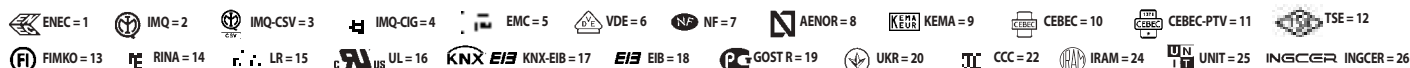
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GW 80231		1/12	168	269
GW 80233		1/12	168	269
GW 80234		1/12	168	269
GW 80235		1/6	84	269
GW 80236		1/6	84	269
GW 80237		1/6	84	269
GW 80261		12	8640	286
GW 80262		12	8640	286
GW 80263		12	8640	286
GW 80264		12	8640	286
GW 80326		1/6	84	269
GW 80327		1/6	84	269
GW 80328		1/6	84	269
GW 80341		12	11232	286
GW 80342		12	11232	286
GW 80343		12	11232	286
GW 80344		12	11232	286
GW 80361		1	28	137
GW 80362		1	28	137
GW 80364		1	28	137
GW 80366		1	28	137
GW 80371		1	20	137
GW 80372		1	28	137
GW 80373		1	20	137
GW 80374		1	28	137
GW 80375		1	20	137
GW 80381		12	20736	286
GW 80382		12	20736	286
GW 80383		12	20736	286
GW 80384		12	20736	286
GW 80401		12	480	244
GW 80402		12	240	244
GW 80403		12	480	244
GW 80404		12	240	244
GW 80409		36	900	244
GW 80410		36	576	244
GW 80411		36	576	244
GW 80412		36	144	244
GW 80417		16	320	245
GW 80418		16	320	245
GW 80421 F		1/12	0	244
GW 80422 F		1/12	0	244
GW 80423 F		1/12	0	244
GW 80424 F		1/12	0	244
GW 80426 F		1/12	120	244
GW 80427 F		1/12	120	244
GW 80428 F		1/12	120	244
GW 80429 F		1/12	0	244
GW 80444		1/20	20	138
GW 80445		1/20	20	138
GW 80446		1/20	20	138
GW 80454		1/20	20	138
GW 80455		1/20	20	138
GW 80456		1/20	20	138
GW 80471		12	10080	286
GW 80472		12	10080	286
GW 80473		12	10080	286
GW 80474		12	10080	286
GW 80485 F		1/20	20	136
GW 80486 F		1/20	20	136



CODE	UM	QUANTITY		PAGE
		PACK/ CARTON	PALLET	
GW 80494 F		1/28	28	136
GW 80495 F		1/20	20	136
GW 80542		30	840	137
GW 80543		30	600	137
GW 80545		30	600	137
GW 80546		30	600	137
GW 80547		30	720	137
GW 80548		30	840	137
GW 80551		1/28	28	241
GW 80552		1/28	28	241
GW 80553		1/20	20	241
GW 80554		1/20	20	241
GW 80555		1/20	20	241
GW 80561		1/28	28	241
GW 80562		1/28	28	241
GW 80563		1/20	20	241
GW 80564		1/20	20	241
GW 80565		1/20	20	241
GW 80571		1/6	144	238
GW 80574		1/6	48	238
GW 80576		1/6	72	238
GW 80579		1/6	90	238
GW 80581		1/4	48	239
GW 80584		1/4	80	239
GW 80585		1/4	48	239
GW 80591		1/10	80	208
GW 80592		1/4	24	209
GW 80601		1/10	200	210
GW 80604		1/10	200	210
GW 80607		1/10	200	210
GW 80610		1/6	96	211
GW 80613		1/6	24	211
GW 80616		1/10	400	208
GW 80619		1/10	80	208
GW 80622		1/4	144	209
GW 80625		1/4	48	209
GW 80644		1/6	96	211
GW 80645		1/6	84	211
GW 80646		1/10	80	210
GW 80651		1/24	600	213
GW 80652		1/14	280	213
GW 80653		1/24	384	213
GW 80654		1/14	56	213
GW 80656		1/14	56	213
GW 80761		1/10	250	208
GW 80762		1/10	250	208
GW 80763		1/4	120	209
GW 80764		1/4	120	209
GW 80771		1/10	80	210
GW 80772		1/10	80	210
GW 80773		1/10	200	210
GW 80774		1/6	96	211
GW 80775		1/6	96	211
GW 80901		1/12	168	263
GW 80902		1/12	168	263
GW 80903		1/6	84	263
GW 80904		1/6	84	263
GW 80905		1/12	168	263
GW 80906		1/12	168	263
GW 80909		1/6	84	263
GW 80910		1/6	84	263

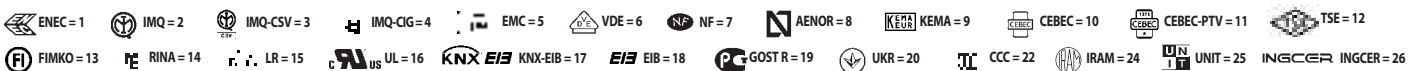
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GW 80912		1/6	84	263
GW 80913		1/12	192	263
GW 80914		1/12	168	263
GW 80917		1/6	84	263
GW 80918		1/6	84	263
GW 80921		1/4	32	265
GW 80922		1/4	64	265
GW 80926		1/4	56	265
GW 80927		1/4	32	265
GW 80931		1/10	160	266
GW 80932		1/10	160	266
GW 80933		1/6	84	266
GW 80934		1/6	84	266
GW 80935		1/6	84	266
GW 80936		1/6	84	266
GW 80937		1/6	84	266
GW 80938		1/6	84	266
GW 80943		1/6	84	267
GW 80944		1/6	84	267
GW 80945		1/6	84	267
GW 80951		1/6	84	267
GW 80952		1/6	84	267
GW 80953		1/6	84	267
GW 80961		1/2	256	267
GW 80966		24/48	2160	252
GW 80966		24/48	2160	254
GW 80966		24/48	2160	258
GW 80966		24/48	2160	260
GW 80966		24/48	2160	263
GW 80966		24/48	2160	265
GW 80966		24/48	2160	268
GW 80966		24/48	2160	269
GW 80966		24/48	2160	271
GW 80966		24/48	2160	274
GW 80966		24/48	2160	275
GW 80967		1/10	80	255
GW 80967		1/10	80	261
GW 80967		1/10	80	266
GW 80967		1/10	80	272
GW 80967		1/10	80	277
GW 80968		1/10	80	255
GW 80968		1/10	80	261
GW 80968		1/10	80	266
GW 80968		1/10	80	272
GW 80968		1/10	80	277
GW 80971		1/10	160	266
GW 80972		1/10	160	266
GW 80976		1/10	160	266
GW 80977		1/10	160	266

GW81				
GW 81211		1/12	168	268
GW 81212		1/6	84	268
GW 81213		1/6	84	268
GW 81215		1/6	84	268
GW 81216		1/6	84	268
GW 81218		1/6	84	268
GW 81219		1/6	84	268
GW 81221		1/12	192	273
GW 81222		1/6	84	273



CODE	UM	QUANTITY		PAGE
		PACK/ CARTON	PALLET	
GW 81223		1/6	84	273
GW 81224		1/6	84	273
GW 81225		1/6	84	273
GW 81226		1/6	84	273
GW 81227		1/6	84	273
GW 81251		1/10	160	272
GW 81253		1/6	84	272
GW 81254		1/6	84	272
GW 81255		1/6	84	272
GW 81256		1/10	160	272
GW 81257		1/6	84	272
GW 81258		1/6	84	272
GW 81259		1/6	84	272
GW 81261		1/4	64	271
GW 81262		1/4	64	271
GW 81266		1/4	64	271
GW 81267		1/4	32	271
GW 81271		1/6	84	274
GW 81272		1/6	84	274
GW 81273		1/6	84	277
GW 81274		1/6	84	277
GW 81275		1/6	84	277
GW 81276		1/6	84	277
GW 81277		1/4	64	275
GW 81278		1/4	32	275
GW 81281		1/10	160	272
GW 81286		1/10	160	272
GW 81287		1/10	160	272
GW 81291		1	432	282
GW 81292		1	324	282
GW 81296		1	324	282
GW 81303		1/6	84	252
GW 81304		1/6	84	252
GW 81305		1/12	168	252
GW 81306		1/12	168	252
GW 81308		1/6	84	252
GW 81309		1/6	84	252
GW 81311		1/6	84	252
GW 81312		1/6	84	252
GW 81313		1/12	168	252
GW 81314		1/12	168	252
GW 81317		1/6	84	252
GW 81318		1/6	84	252
GW 81321		1/4	64	254
GW 81322		1/4	64	254
GW 81326		1/4	32	254
GW 81327		1/4	32	254
GW 81332		1/6	84	255
GW 81333		1/6	84	255
GW 81334		1/6	84	255
GW 81335		1/6	84	255
GW 81336		1/6	84	255
GW 81337		1/6	84	255
GW 81338		1/6	84	255
GW 81339		1/6	84	255
GW 81343		1/6	84	256
GW 81344		1/6	84	256
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GW 81346		1/6	84	256
GW 81351		1/6	84	256
GW 81352		1/6	84	256

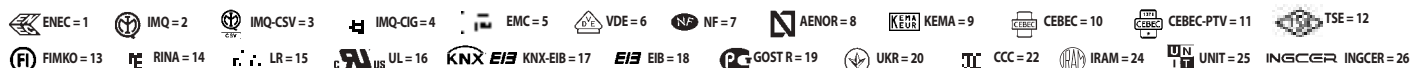
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GW 81359		1	270	257
GW 81360		1	144	257
GW 81363		1/2	256	257
GW 81370		1	60	282
GW 81375		1	70	282
GW 81378		1	312	278
GW 81379		1	110	257
GW 81381		1/10	160	255
GW 81382		1/10	160	255
GW 81386		1/10	160	255
GW 81387		1/10	160	255
GW 81401		1/6	84	258
GW 81402		1/6	84	258
GW 81403		1/12	168	258
GW 81404		1/12	168	258
GW 81405		1/6	84	258
GW 81406		1/6	84	258
GW 81411		1/6	84	258
GW 81412		1/6	84	258
GW 81413		1/12	168	258
GW 81414		1/12	168	258
GW 81415		1/6	84	258
GW 81416		1/6	84	258
GW 81421		1/6	84	262
GW 81422		1/6	84	262
GW 81425		1/6	84	262
GW 81426		1/6	84	262
GW 81431		1/6	84	262
GW 81432		1/6	84	262
GW 81435		1/6	84	262
GW 81436		1/6	84	262
GW 81443		1/4	64	260
GW 81444		1/4	32	260
GW 81445		1/4	64	260
GW 81446		1/4	64	260
GW 81451		1	60	282
GW 81452		1	60	282
GW 81461		1/6	84	261
GW 81462		1/6	84	261
GW 81463		1/10	160	261
GW 81464		1/10	160	261
GW 81465		1/6	84	261
GW 81466		1/6	84	261
GW 81471		1/6	84	261
GW 81472		1/6	84	261
GW 81473		1/10	160	261
GW 81474		1/10	160	261
GW 81475		1/6	84	261
GW 81476		1/6	84	261
GW 81601		1/4	64	270
GW 81602		1/4	64	270
GW 81603		1/4	64	270
GW 81604		1/4	64	270
GW 81611		1/4	64	270
GW 81612		1/4	64	270
GW 81621		1/4	24	270
GW 81622		1/4	24	270
GW 81623		1/4	24	270
GW 81624		1/4	24	270



CODE	UM	QUANTITY		PAGE
		PACK/ CARTON	PALLET	
GW 81631		1/4	64	264
GW 81632		1/4	64	264
GW 81633		1/4	64	264
GW 81634		1/4	64	264
GW 81641		1/4	64	264
GW 81642		1/4	64	264
GW 81651		1/4	24	264
GW 81652		1/4	24	264
GW 81653		1/4	24	264
GW 81654		1/4	24	264
GW 81661		1/4	64	253
GW 81662		1/4	64	253
GW 81663		1/4	64	253
GW 81664		1/4	64	253
GW 81671		1/4	64	253
GW 81672		1/4	64	253
GW 81681		1/4	24	253
GW 81682		1/4	24	253
GW 81683		1/4	24	253
GW 81684		1/4	24	253
GW 81691		1/24	384	253
GW 81691		1/24	384	259
GW 81691		1/24	384	264
GW 81691		1/24	384	270
GW 81691		1/24	384	276
GW 81692		1/24	384	253
GW 81692		1/24	384	259
GW 81692		1/24	384	264
GW 81692		1/24	384	270
GW 81692		1/24	384	276
GW 81693		1/24	384	253
GW 81693		1/24	384	259
GW 81693		1/24	384	264
GW 81693		1/24	384	270
GW 81693		1/24	384	276
GW 81694		1/24	384	253
GW 81694		1/24	384	259
GW 81694		1/24	384	264
GW 81694		1/24	384	270
GW 81694		1/24	384	276
GW 81701		1/4	64	259
GW 81702		1/4	64	259
GW 81703		1/4	64	259
GW 81704		1/4	64	259
GW 81711		1/4	64	259
GW 81712		1/4	64	259
GW 81721		1/4	24	259
GW 81722		1/4	24	259
GW 81723		1/4	24	259
GW 81724		1/4	24	259
GW 81731		1/4	64	276
GW 81732		1/4	0	276
GW 81736		1/4	0	276
GW 81737		1/4	0	276
GW 81741		1/4	0	276
GW 81742		1/4	0	276
GW 81751		1	1	278
GW 81752		1	1	278
GW 81753		1	1	278
GW 81754		1	0	278
GW 81755		1	1	278

CODE	UM	QUANTITY		PAGE
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GW 81756		1	0	278
GW 81757		1	0	278
GW 81758		1	0	278

GW82				
CODE	UM	PACK/ CARTON	PALLET	PAGE
GW 82006		1/2	108	181
GW 82007		1/2	40	181
GW 82056		1/4	32	181
GW 82057		1/2	14	181
GW 82061		1	12	175
GW 82062		1	12	175
GW 82063		1	12	175
GW 82064		1	10	175
GW 82065		1	10	175
GW 82066		1	10	175
GW 82067		1	4	175
GW 82068		1	4	175
GW 82069		1	4	175
GW 82076		1	14	175
GW 82081		1	12	177
GW 82082		1	0	177
GW 82083		1	12	177
GW 82084		1	10	177
GW 82085		1	10	177
GW 82086		1	10	177
GW 82087		1	4	177
GW 82088		1	4	177
GW 82089		1	4	177
GW 82096		1	14	177
GW 82101		1	160	192
GW 82106		1	160	192
GW 82111		1	84	193
GW 82112		1	0	193
GW 82113		1	0	193
GW 82121		1	0	193
GW 82122		1	36	193
GW 82136		1	72	194
GW 82137		1	0	194
GW 82138		1	0	194
GW 82141		1	50	195
GW 82142		1	20	195
GW 82143		1	0	195
GW 82144		1	0	195
GW 82160		1	0	198
GW 82161		1	0	198
GW 82162		1	0	198
GW 82163		1	0	198
GW 82166		1	0	198
GW 82167		1	0	198
GW 82169		1	0	199
GW 82170		1	0	199
GW 82171		1	0	200
GW 82172		1	0	200
GW 82173		1	0	200
GW 82176		1	0	200
GW 82177		1	0	200
GW 82180		1	0	200
GW 82191		1	0	201
GW 82202		1/2	72	204
GW 82206		1/2	72	204
GW 82212		1/2	72	204



CODE	UM	QUANTITY		PAGE
		PACK/ CARTON	PALLET	
GW 82214 S		1/2	72	204
GW 82216 M		1/2	72	204
GW 82218 Q		1/2	72	204
GW 82242		1/2	72	204
GW 82246		1/2	24	205
GW 82247		1/2	24	205
GW 82253		1/5	160	205
GW 82255		1/6	144	205
GW 82257		1/5	75	206
GW 82259		1	36	205
GW 82261		1	42	205
GW 82263		1	55	205
GW 82265		1	49	205
GW 82267		1/4	40	205
GW 82270		1/5	50	206
GW 82273		1	42	205
GW 82281 S		1/2	72	204
GW 82282 M		1/2	72	204
GW 82283 Q		1/2	72	204
GW 82284		1/2	72	204
GW 82286		1/2	72	204
GW 82289		1/2	32	170
GW 82289		1/2	32	206
GW 82290		1/6	144	205
GW 82291		1/5	160	205
GW 82292		1	42	205
GW 82293		1	72	205
GW 82294		1	42	205
GW 82295		1	42	205
GW 82296		1	72	205
GW 82297		1/4	48	205
GW 82298		1/5	75	206
GW 82299		1/5	80	206
GW 82301		1	42	220
GW 82302		1	39	220
GW 82303		1	42	220
GW 82304		1	42	220
GW 82321		1	42	221
GW 82322		1	42	221
GW 82323		1	39	221
GW 82324		1	98	221
GW 82341		1	39	220
GW 82342		1	42	220
GW 82343		1	39	220
GW 82344		1	42	220
GW 82347		1	42	220
GW 82348		1	24	220
GW 82349		1	0	220
GW 82350		1	42	220
GW 82351		1	39	221
GW 82352		1	42	221
GW 82353		1	42	221
GW 82354		1	42	221
GW 82357		1	16	221
GW 82358		1	42	221
GW 82359		1	42	221
GW 82360		1	42	221
GW 82361		1	270	221
GW 82371		1	28	220
GW 82601		1	12	235
GW 82602		1	1	235

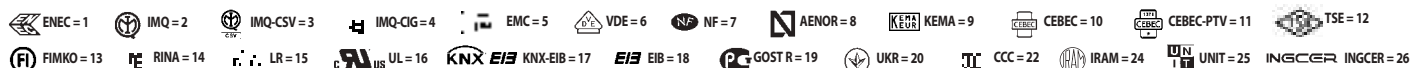
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GW 82605		1	12	235
GW 82611		1	12	235
GW 82612		1	12	235
GW 82613		1	12	235
GW 82614		1	12	235
GW 82615		1	12	235
GW 82621		1	12	235
GW 82622		1	12	235
GW 82623		1	12	235
GW 82624		1	12	235
GW 82625		1	12	235
GW 82631		1	12	235
GW 82632		1	12	235
GW 82633		1	12	235
GW 82634		1	12	235
GW 82635		1	12	235
GW 82641		1	12	235
GW 82642		1	12	235
GW 82643		1	12	235
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GW 82662		1	12	235
GW 82663		1	12	235
GW 82664		1	12	235
GW 82665		1	12	235
GW 82681 F		1	1050	224
GW 82682 F		1	1050	224
GW 82683 F		1	1050	224
GW 82684 F		1	1050	224
GW 82685 F		1	1050	224
GW 82686 F		1	1050	224
GW 82687 F		1	1050	224
GW 82688 F		1	1050	224
GW 82691 F		1	1050	224
GW 82692 F		1	1050	224
GW 82693 F		1	1050	224
GW 82694 F		1	1050	224
GW 82695 F		1	1050	224
GW 82696 F		1	1050	224
GW 82697 F		1	1050	224
GW 82698 F		1	1050	224
GW 82701		1	18	234
GW 82702		1	18	234
GW 82703		1	18	234
GW 82704		1	18	234
GW 82705		1	18	234
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GW 82712		1	18	234
GW 82713		1	18	234
GW 82714		1	12	234
GW 82715		1	18	234
GW 82716		1	18	234
GW 82717		1	18	234



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GW 82719		1	18	234
GW 82720		1	18	234
GW 82751		1	40	234
GW 82752		1	40	234
GW 82753		1	48	234
GW 82754		1	48	234
GW 82755		1	40	234
GW 82756		1	0	234
GW 82781		1	312	224
GW 82791		1	420	224
GW 82792		1	420	224
GW 82793		1	360	224
GW 82794		1	360	224
GW 82801		1	105	192
GW 82806		1	160	192
GW 82811		1	80	193
GW 82812		1	80	193
GW 82813		1	63	193
GW 82821		1	36	193
GW 82822		1	36	193
GW 82836		1	72	194
GW 82837		1	48	194
GW 82838		1	0	194
GW 82841		1	30	195
GW 82842		1	20	195
GW 82843		1	40	195
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GW 82860		1	50	198
GW 82861		1	216	198
GW 82862		1	48	198
GW 82863		1	0	198
GW 82866		1	216	198
GW 82867		1	216	198
GW 82869		1	0	199
GW 82870		1	0	199
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GW 82873		1	0	200
GW 82876		1	216	200
GW 82877		1	216	200
GW 82880		1	0	200
GW 82881		1	174	190
GW 82882		1/10	1740	190
GW 82886		1	140	190
GW 82887		1	39	190
GW 82888		1	0	190
GW 82889		1	0	190
GW 82890		1	0	190
GW 82891		1/12	120	199
GW 82891		1/12	120	201
GW 82892		1/4	80	199
GW 82892		1/4	80	201
GW 82893		1/2	252	199
GW 82893		1/2	252	201
GW 82894		1/10	1260	199
GW 82895		1/10	2800	201
GW 82896		1	56	195
GW 82897		1	0	195
GW 82898		1	0	195
GW 82899		1/2	0	199

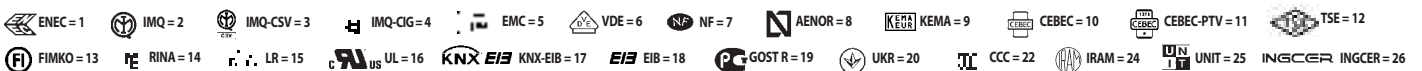
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GW 82911		1	160	184
GW 82912		1	160	184
GW 82913		1	16	184
GW 82921		1	39	185
GW 82922		1	33	185
GW 82923		1	33	185
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GW 82928		1	0	185
GW 82931 F		1	84	186
GW 82932		1	84	186
GW 82933		1	0	186
GW 82934		1	0	186
GW 82941 F		1	33	186
GW 82942		1	0	186
GW 82943		1	24	186
GW 82944		1	0	186
GW 82946 F		1	33	186
GW 82947		1	0	186
GW 82948		1	33	186
GW 82949		1	0	186
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GW 82985		1	0	188
GW 82986		1	0	188
GW 82991		1	40	189
GW 82992		1	40	189
GW 82993		1	40	189
GW 82996		1	20	189
GW 82997		1	20	189
GW 82998		1	20	189

GW83				
GW 83001 S		1	12	104
GW 83002 Q		1	12	104
GW 83003 M		1	16	104
GW 83003 S		1	12	104
GW 83004 M		1	16	104
GW 83005 Q		1	12	104
GW 83006 M		1	12	104
GW 83006 S		1	12	104
GW 83007 M		1	12	104
GW 83022 M		1	12	104



CODE	UM	QUANTITY		PAGE
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GW 83023 M		1	12	104
GW 83024 M		1	16	104
GW 83025 M		1	16	104
GW 83026 S		1	12	105
GW 83027 Q		1	12	105
GW 83028 M		1	12	105
GW 83028 S		1	12	105
GW 83029 M		1	16	105
GW 83030 Q		1	12	105
GW 83031 M		1	12	105
GW 83031 S		1	12	105
GW 83032 M		1	16	105
GW 83047 M		1	12	105
GW 83048 M		1	12	105
GW 83049 M		1	12	105
GW 83050 M		1	12	105
GW 83126 S		1	12	106
GW 83127 Q		1	12	106
GW 83128 M		1	12	106
GW 83128 S		1	12	106
GW 83129 M		1	12	106
GW 83130 Q		1	12	106
GW 83131 M		1	12	106
GW 83131 S		1	12	106
GW 83132 M		1	12	106
GW 83147 M		1	12	106
GW 83148 M		1	12	106
GW 83149 M		1	12	106
GW 83150 M		1	12	106
GW 83151 S		1	12	108
GW 83152 Q		1	12	108
GW 83153 M		1	12	108
GW 83153 S		1	12	108
GW 83154 M		1	12	108
GW 83155 Q		1	12	108
GW 83156 M		1	12	108
GW 83156 S		1	12	108
GW 83157 M		1	12	108
GW 83172 M		1	12	108
GW 83173 M		1	12	108
GW 83174 M		1	12	108
GW 83175 M		1	12	108
GW 83176 S		1	12	109
GW 83177 Q		1	12	109
GW 83178 M		1	12	109
GW 83178 S		1	12	109
GW 83179 M		1	12	109
GW 83197 M		1	12	109
GW 83198 M		1	12	109
GW 83227 Q		1	12	110
GW 83228 M		1	12	110
GW 83228 S		1	12	110
GW 83229 M		1	12	110
GW 83230 Q		1	12	110
GW 83231 M		1	12	110
GW 83231 S		1	12	110
GW 83232 M		1	12	110
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GW 83248 M		1	12	110
GW 83249 M		1	12	110
GW 83250 M		1	12	110

CODE	UM	QUANTITY		PAGE
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GW 83303		1	12	116
GW 83304		1	16	116
GW 83306		1	12	116
GW 83307		1	12	116
GW 83326		1	12	117
GW 83328		1	12	117
GW 83329		1	12	117
GW 83331		1	12	117
GW 83332		1	16	117
GW 83401		1	12	114
GW 83403		1	12	114
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GW 83406		1	12	114
GW 83407		1	12	114
GW 83426		1	16	118
GW 83428		1	16	118
GW 83429		1	20	118
GW 83431		1	16	118
GW 83432		1	12	118
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GW 83476		1	12	115
GW 83478		1	12	115
GW 83479		1	12	115
GW 83481		1	12	115
GW 83482		1	12	115
GW 83501		1	16	104
GW 83505		1	12	106
GW 83506		1	12	108
GW 83507		1	12	109
GW 83508		1	12	110
GW 83509		1	12	116
GW 83510		1	16	116
GW 83517		1	12	114
GW 83518		1	16	114
GW 83521		1	12	118
GW 83522		1	12	118
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GW 83531		1	100	117
GW 83531		1	100	119
GW 83534		1	16	107
GW 83534		1	16	111
GW 83535		1	40	108
GW 83536		1	32	109
GW 83537		1	100	115
GW 83537		1	100	127
GW 83538		1	312	115
GW 83538		1	312	117
GW 83538		1	312	119
GW 83541 F		1	12	116
GW 83542 F		1	12	116
GW 83546 F		1	12	114
GW 83547 F		1	16	114
GW 83551 F		1	12	118
GW 83552 F		1	12	118
GW 83563 M		1	12	112
GW 83563 S		1	12	112



CODE	UM	QUANTITY		PAGE
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GW 83564 M		1	12	112
GW 83566 M		1	12	112
GW 83566 S		1	12	112
GW 83567 M		1	12	112
GW 83573 M		1	12	112
GW 83573 S		1	12	112
GW 83574 M		1	12	112
GW 83576 M		1	12	112
GW 83576 S		1	12	112
GW 83577 M		1	12	112
GW 83624 M		1	0	113
GW 83625 M		1	16	113
GW 83629 M		1	0	113
GW 83630 M		1	12	113
GW 83645 M		1	0	113
GW 83650 M		1	0	113

GW84				
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GW 84001		1/6	216	231
GW 84002		1/6	216	231
GW 84003		1/12	384	230
GW 84004		1/12	384	230
GW 84005		1/12	384	230
GW 84006		1/6	72	231
GW 84007		1/6	84	230
GW 84011 M		1	50	40
GW 84011 S		1	20	40
GW 84012 S		1	50	40
GW 84013 M		1	20	40
GW 84014 M		1	50	40
GW 84014 S		1	50	40
GW 84015 M		1	50	40
GW 84015 S		1	50	40
GW 84016 S		1	50	40
GW 84017 M		1	20	40
GW 84018 M		1	50	40
GW 84018 S		1	50	40
GW 84021		1	20	40
GW 84026		1	20	40
GW 84031 M		1	50	41
GW 84031 S		1	20	41
GW 84032 M		1	50	41
GW 84032 S		1	50	41
GW 84033 M		1	20	41
GW 84033 S		1	20	41
GW 84034 M		1	50	41
GW 84034 S		1	50	41
GW 84041 M		1	50	41
GW 84042 M		1	50	41
GW 84043 M		1	20	41
GW 84044 M		1	20	41
GW 84051		1	50	42
GW 84052		1	50	42
GW 84053		1	20	42
GW 84054		1	50	42
GW 84055		1	20	42
GW 84056		1	50	42
GW 84057 S		1	20	42
GW 84059		1	0	42
GW 84061		1	0	143
GW 84062		1	0	143

CODE	UM	QUANTITY		PAGE
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GW 84071		1	40	43
GW 84072		1/2	0	43
GW 84073		1/5	90	43
GW 84075		1/5	100	43
GW 84076		1/5	60	43
GW 84077		1	24	43
GW 84078		1	0	43
GW 84079		1	15	43
GW 84080		1	7	43
GW 84081		1	50	40
GW 84082		1	20	40
GW 84083		1	50	40
GW 84084		1	50	40
GW 84085		1	50	41
GW 84086		1	50	41
GW 84087		1	20	41
GW 84088		1	20	41
GW 84089		1	20	42
GW 84090		1	20	42
GW 84091		1	50	42
GW 84096		1	50	43
GW 84097		1	50	43
GW 84101 Q		1	16	124
GW 84102 Q		1	20	124
GW 84103 Q		1	20	124
GW 84104 M		1	16	124
GW 84104 S		1	20	124
GW 84105 M		1	20	124
GW 84106 M		1	20	124
GW 84106 S		1	16	124
GW 84107 M		1	20	124
GW 84121		1	20	124
GW 84122		1	16	124
GW 84131 M		1	54	50
GW 84131 S		1	54	50
GW 84132 M		1	54	50
GW 84132 S		1	32	50
GW 84133 M		1	18	51
GW 84133 S		1	24	51
GW 84134 M		1	24	51
GW 84134 S		1	12	51
GW 84181		1/2	36	156
GW 84182		1/2	36	156
GW 84186		1	20	156
GW 84196		1/4	1248	227
GW 84197		1/4	200	227
GW 84201		1/12	240	34
GW 84202		1	64	34
GW 84203		1	64	34
GW 84204		1	50	34
GW 84205		1	28	34
GW 84206 M		1	54	50
GW 84206 S		1	54	50
GW 84207 M		1	54	50
GW 84207 S		1	54	50
GW 84213		1/5	360	35
GW 84214		1/5	400	35
GW 84215		1/12	240	34
GW 84216		1	24	34
GW 84217		1	64	34
GW 84218		1/6	180	34



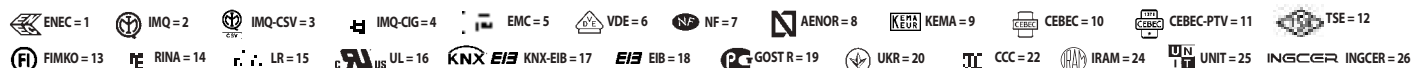
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GW 84222		1/5	100	35
GW 84223		1/5	800	35
GW 84224		5	225	50
GW 84226 M		1	54	50
GW 84226 S		1	54	50
GW 84227 M		1	54	50
GW 84227 S		1	54	50
GW 84251		1	54	50
GW 84252		1	54	50
GW 84253		1	18	50
GW 84355		1/6	312	157
GW 84356		1/4	160	157
GW 84359		1/4	768	157
GW 84361		1/4	192	157
GW 84374		1/2	40	155
GW 84375		1/2	40	227
GW 84376		1	20	155
GW 84377		1	20	155
GW 84380		1	20	156
GW 84387		1/2	40	155
GW 84389		1/2	40	155
GW 84390		1/2	36	155
GW 84407		1/5	480	60
GW 84408		1/5	100	60
GW 84433		1	25	56
GW 84434		1	25	57
GW 84435		1	25	58
GW 84436		1	25	59
GW 84460 S		1	25	56
GW 84461 M		1	25	56
GW 84461 S		1	25	56
GW 84462 Q		1	25	56
GW 84464 M		1	25	56
GW 84464 S		1	25	56
GW 84465 M		1	42	56
GW 84466 M		1	42	56
GW 84467		1	10	57
GW 84468		1	20	57
GW 84470 S		1	25	56
GW 84471 M		1	25	56
GW 84471 S		1	10	56
GW 84472 Q		1	25	56
GW 84474 M		1	25	56
GW 84474 S		1	25	56
GW 84475 M		1	25	56
GW 84476 M		1	25	56
GW 84480 S		1	25	56
GW 84481 M		1	25	56
GW 84481 S		1	25	56
GW 84482 Q		1	10	56
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GW 84484 S		1	25	56
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GW 84486 M		1	25	56
GW 84491 M		1	25	57
GW 84491 S		1	25	57
GW 84494 M		1	25	57
GW 84494 S		1	25	57

CODE	UM	QUANTITY		PAGE
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GW 84496 M		1	25	57
GW 84497		1	10	57
GW 84501 M		1	10	57
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GW 84504 M		1	25	57
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GW 84505 M		1	25	57
GW 84506 M		1	25	57
GW 84511 M		1	25	57
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GW 84515 M		1	10	57
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GW 84573 M		1	25	59
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GW 84582 M		1	25	61
GW 84583 M		1	10	61
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GW 84584 M		1	10	61
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GW 84593 M		1	10	61



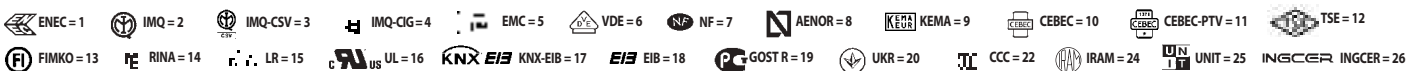
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GW 84624		1	10	67
GW 84626		1	10	66
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GW 84627		1	10	66
GW 84628		1	18	66
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GW 84637		1	10	71
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GW 84639		1	10	66
GW 84639		1	10	71
GW 84644		1	16	64
GW 84646		1	16	64
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GW 84648		1	16	64
GW 84649		1	16	64
GW 84656		1	16	66
GW 84657		1	16	66
GW 84658		1	16	64
GW 84659		1	16	64
GW 84660		1	16	64
GW 84662		1	8	70
GW 84663		1	8	70
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GW 84668		1	8	70
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GW 84696		1	16	65
GW 84744		1	16	65
GW 84747		1	16	65
GW 84748		1	16	65
GW 84749		1	16	65

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GW 84755		1	16	66
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GW 84757		1	16	66
GW 84759		1	16	65
GW 84760		1	16	65
GW 84761		1	16	67
GW 84766		1	16	67
GW 84771		1	16	67
GW 84781		1	8	67
GW 84791		1	18	121
GW 84803 M		1	12	121
GW 84803 S		1	12	121
GW 84805 M		1	12	121
GW 84805 S		1	12	121
GW 84814		5	95	105
GW 84814		5	95	117
GW 84814		5	95	119
GW 84814		5	95	121
GW 84814		5	95	124
GW 84814		5	95	126
GW 84815		5	60	131
GW 84816		3	66	131
GW 84817		5	300	131
GW 84818		25	500	124
GW 84818		25	500	126
GW 84819		5	500	126
GW 84820		1	41	105
GW 84820		1	41	117
GW 84820		1	41	119
GW 84820		1	41	124
GW 84820		1	41	126
GW 84826 M		1	12	121
GW 84827 M		1	16	121
GW 84871		1	12	121
GW 84873		1	20	125
GW 84878		1	16	125
GW 84880 Q		1	16	125
GW 84881 Q		1	20	125
GW 84882 Q		1	20	125
GW 84883 M		1	16	125
GW 84883 S		1	16	125
GW 84885 M		1	20	125
GW 84885 S		1	16	125
GW 84886 M		1	20	125
GW 84887 M		1	20	125
GW 84890 Q		1	16	125
GW 84891 Q		1	16	125
GW 84892 Q		1	16	125
GW 84893 M		1	16	125
GW 84893 S		1	16	125
GW 84895 M		1	20	125
GW 84895 S		1	16	125
GW 84896 M		1	16	125
GW 84897 M		1	16	125
GW 84981		1/4	128	126
GW 84982		1/4	80	124
GW 84982		1/4	80	126
GW 84983		1/5	70	115
GW 84983		1/5	70	126
GW 84983		1/5	70	127



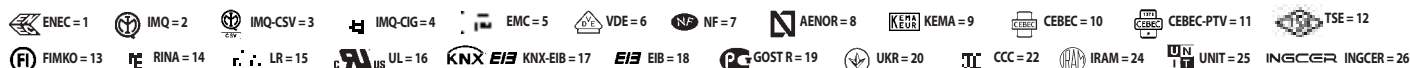
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GW 85002 M		1	48	25
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GW 85003 Q		1	48	25
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GW 85005 S		1	48	25
GW 85006		1	48	25
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GW 85012 M		1	48	25
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GW 85014 M		1	48	25
GW 85015 S		1	48	25
GW 85016		1	48	25
GW 85031 M		1	48	26
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GW 85032 S		1	48	26
GW 85033 M		1	48	26
GW 85033 S		1	24	26
GW 85036 M		1	24	26
GW 85036 S		1	18	26
GW 85037 S		1	18	26
GW 85038 M		1	48	26
GW 85038 S		1	24	26
GW 85051 M		1	24	27
GW 85051 S		1	24	27
GW 85052 M		1	24	27
GW 85052 S		1	24	27
GW 85056 M		1	24	27
GW 85056 S		1	24	27
GW 85057 M		1	48	27
GW 85057 S		1	24	27
GW 85066		1	48	26
GW 85067		1	24	26
GW 85071		1/5	60	27
GW 85072		1/5	80	27
GW 85073		1/5	60	27
GW 85074		1/2	40	27
GW 85075		1/2	60	27
GW 85076		1/2	60	27
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GW 85080		1	24	75
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GW 85082		1/5	0	27
GW 85082		1/5	0	43
GW 85083		1	100	75
GW 85084		1	15	75
GW 85085		1	24	75
GW 85086		1	72	75
GW 85087		1	15	75
GW 85088		1	15	75
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GW 85092		1	48	25
GW 85093		1	48	26

CODE	UM	QUANTITY		PAGE
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GW 85095		1	48	27
GW 85097		1	48	26
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GW 85101 S		1	28	28
GW 85102 M		1	24	28
GW 85103 Q		1	28	28
GW 85104 M		1	28	28
GW 85104 S		1	28	28
GW 85105 M		1	24	28
GW 85109 F		1	24	28
GW 85110 F		1	28	28
GW 85111 M		1	28	28
GW 85111 S		1	28	28
GW 85112 M		1	24	28
GW 85113 Q		1	28	28
GW 85114 M		1	28	28
GW 85114 S		1	28	28
GW 85115 M		1	28	28
GW 85131 M		1	28	29
GW 85131 S		1	28	29
GW 85132 M		1	28	29
GW 85133 M		1	28	29
GW 85133 S		1	28	29
GW 85134 M		1	28	29
GW 85136 M		1	28	29
GW 85136 S		1	28	29
GW 85137 M		1	24	29
GW 85138 M		1	28	29
GW 85138 S		1	28	29
GW 85139 M		1	28	29
GW 85149 F		1	24	29
GW 85150 F		1	24	29
GW 85181		1/5	90	31
GW 85182		1/4	64	31
GW 85184		1/2	32	31
GW 85185		1/2	24	31
GW 85186		1	64	75
GW 85187		1	120	75
GW 85188		1	12	75
GW 85191		1	24	28
GW 85192		1	24	29
GW 85201 M		1	28	30
GW 85201 S		1	28	30
GW 85202 M		1	28	30
GW 85203 M		1	28	30
GW 85203 S		1	28	30
GW 85204 M		1	28	30
GW 85206 M		1	6	30
GW 85206 S		1	6	30
GW 85207 M		1	24	30
GW 85208 M		1	6	30
GW 85208 S		1	6	30
GW 85209 M		1	6	30
GW 85221 M		1	28	30
GW 85221 S		1	28	30
GW 85222 M		1	28	30
GW 85223 M		1	28	30
GW 85223 S		1	28	30
GW 85224 M		1	28	30
GW 85226 M		1	6	30



CODE	UM	QUANTITY		PAGE
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GW 85226 S		1	6	30
GW 85227 M		1	28	30
GW 85228 M		1	28	30
GW 85228 S		1	28	30
GW 85229 M		1	24	30
GW 85241 S		1	28	31
GW 85242 M		1	28	31
GW 85242 S		1	48	31
GW 85246 S		1	28	31
GW 85247 M		1	6	31
GW 85247 S		1	6	31
GW 85291		1	24	30
GW 85292		1	24	30
GW 85293		1	24	31
GW 85301 M		1	64	24
GW 85301 S		1	64	24
GW 85302 M		1	64	22
GW 85302 S		1	64	22
GW 85306		1	64	22
GW 85311 M		1	24	24
GW 85311 S		1	24	24
GW 85316		1	24	22
GW 85366		1	64	23
GW 85367		1	64	23
GW 85371		1/2	140	24
GW 85376		1/2	100	24
GW 85377		1/2	100	24
GW 85378		1/2	100	24
GW 85379		1/2	100	24
GW 85391		1	64	24
GW 85392		1	32	22
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GW 85396		1	64	23
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GW 85401 S		1	0	44
GW 85402 M		1	20	44
GW 85403 M		1	24	44
GW 85403 S		1	0	44
GW 85404 M		1	24	44
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GW 85421 M		1	24	45
GW 85421 S		1	24	45
GW 85422 M		1	24	45
GW 85423 M		1	24	45
GW 85423 S		1	0	45
GW 85424 M		1	24	45
GW 85431 F		1	0	45
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GW 85441 M		1	24	46
GW 85442 M		1	6	46
GW 85451 M		1	0	46
GW 85452 M		1	0	46
GW 85453		1	0	46
GW 85463 M		1	0	46
GW 85464 M		1	0	46
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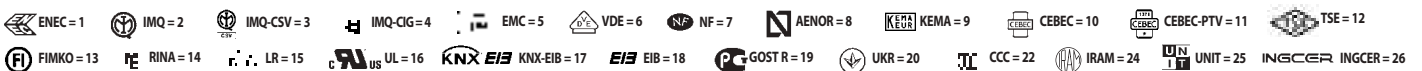
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GW 85602		1	10	149
GW 85603		1	10	149
GW 85604		1	10	149
GW 85611		1	10	150
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GW 85622		1	10	150
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GW 85634		1	10	151
GW 85641		1	10	151
GW 85642		1	10	151
GW 85646		1	10	151
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GW 85653		1	0	148
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GW 85671		1	0	149
GW 85672		1	0	150
GW 85673		1	0	150
GW 85674		1	0	151
GW 85675		1	0	151
GW 85681		1	144	152
GW 85682		1/5	50	152
GW 85683		1/5	100	152
GW 85685		1/2	30	152
GW 85686		1	96	152
GW 85687		1	0	152
GW 85691		1	195	151
GW 85691		1	195	157
GW 85691		1	195	201
GW 85692		1	0	151
GW 85692		1	0	157
GW 85692		1	0	201
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GW 85891 Q		1	16	127
GW 85892 Q		1	12	127
GW 85893 Q		1	16	127
GW 85894 M		1	12	127
GW 85894 S		1	16	127
GW 85895 M		1	16	127
GW 85896 M		1	12	127
GW 85896 S		1	16	127
GW 85897 M		1	12	127
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GW 85927		1/5	25	108
GW 85928		1	20	107
GW 85928		1	20	111
GW 85931		1	24	130
GW 85932		1	20	131
GW 85933		1	12	127



CODE	UM	QUANTITY		PAGE
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GW 85942 M		1	24	130
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GW 85944 S		1	8	130
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GW 85949 S		1	8	130
GW 85950 M		1	20	130
GW 85972 M		1	8	131
GW 85972 S		1	8	131
GW 85973 M		1	8	131
GW 85974 M		1	8	131
GW 85974 S		1	8	131
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GW 85978 M		1	8	131
GW 85979 M		1	8	131
GW 85979 S		1	8	131
GW 85980 M		1	20	131

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GW 86003 S		1	30	96
GW 86004 Q		1	30	96
GW 86005 S		1	30	96
GW 86006 S		1	30	96
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GW 86075		1	30	97
GW 86091 S		1	30	96
GW 86096 S		1	30	96
GW 86166		1	70	99
GW 86173		1	15	91
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GW 86176		1	15	90
GW 86221 Q		1	30	97
GW 86222 S		1	8	97
GW 86223 S		1	0	97
GW 86224 S		1	30	97
GW 86241		1/10	1100	97
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GW 86423		1	1	160

CODE	UM	QUANTITY		PAGE
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GW 86521		1/4	80	164
GW 86522		1/4	200	162
GW 86523		1/4	96	161
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GW 86591		1	0	163
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GW 86601		1/4	72	169
GW 86602		1/4	72	169



CODE	UM	QUANTITY		PAGE
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GW 86604		1/4	72	169
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GW 86606		1/4	72	169
GW 86611		1/4	56	169
GW 86612		1/4	56	169
GW 86613		1/4	56	169
GW 86614		1/4	56	169
GW 86615		1/4	56	169
GW 86616		1/4	56	169
GW 86621		1	30	169
GW 86622		1	24	169
GW 86623		1	30	169
GW 86624		1	24	169
GW 86625		1	24	169
GW 86626		1	24	169
GW 86676		1/4	72	167
GW 86677		1/4	72	167
GW 86678		1/4	72	167
GW 86679		1/4	24	167
GW 86680		1/4	72	167
GW 86706		1/4	24	167
GW 86707		1/4	24	167
GW 86708		1/4	24	167
GW 86709		1/4	72	167
GW 86710		1/4	72	167
GW 86741		1/4	200	167
GW 86742		1/4	72	167
GW 86743		1/4	72	167
GW 86744		1/4	144	167
GW 86745		1/4	24	167
GW 86746		1/4	72	167
GW 86762		1/4	24	170
GW 86763		1/4	440	170
GW 86764		1/4	160	170
GW 86771		1	150	170
GW 86771		1	150	206
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GW 86782		1/4	96	168
GW 86783		1/4	144	168
GW 86784		1/4	80	168
GW 86785		1/4	512	168
GW 86786		1/4	440	168
GW 86787		1/4	240	168
GW 86788		1/4	160	168
GW 86789		1/4	112	168
GW 86790		1	50	169
GW 86791		1	50	169
GW 86851		1	3	179

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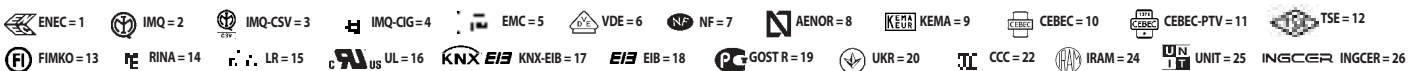
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GW 87022		1	15	82



CODE	UM	QUANTITY		PAGE
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GW 87071		1	15	83
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GW 87073		1	15	83
GW 87074		1	15	83
GW 87075		1	15	83
GW 87081 F		1	15	84
GW 87082 F		1	15	84
GW 87083 F		1	15	84
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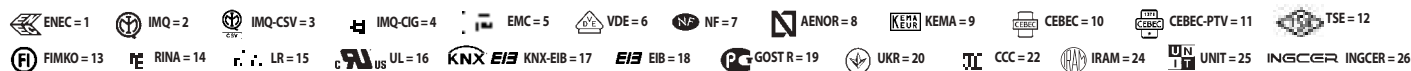
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GW 88223		1/5	480	35
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GW 88259		1/5	350	131
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GW 88263		1/2	40	91
GW 88264		1/2	56	93
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GW 88280		1/5	90	236



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GW84181	GW84521M	GW84803M	GW85115M	GW85453	GW86412	GW86904	GW87332F	
GW84182	GW84522M	GW84803S	GW85131M	GW85491	GW86413	GW86905	GW87353	
GW84186	GW84522S	GW84805M	GW85131S	GW85492	GW86416	GW86906	GW87354	
GW84201	GW84523M	GW84805S	GW85132M	GW85601	GW86417	GW86907	GW87355	
GW84202	GW84530M	GW84826M	GW85133M	GW85602	GW86418	GW86911	GW87356	

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