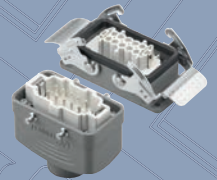


**GEWISS**



# Connection Systems

 *Energy Bloc*

**20 12**



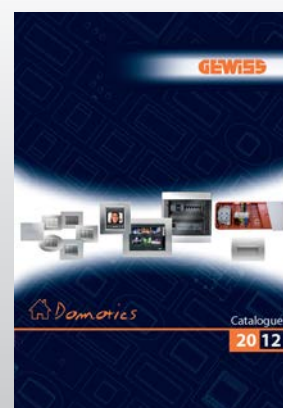
## TRADE CATALOGUE

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 find the selection tables for each range.



## 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.



## DOMOTICS CATALOGUE

The 2012 Domotics Catalogue presents all the GEWISS solutions that are dedicated to the residential environment and describes their characteristics and application advantages.

# POWER DISTRIBUTION AND CONNECTION SYSTEM

Gewiss offers a complete industrial type power distribution and supply system to meet many configurations. Building site distribution systems (68 Q-BOX/Q-DIN range), energy and service distribution terminal system (68 Q-MC range) and terminal distribution boards (68 Q-DIN range) internally integrate them with plug and sockets (IEC 309 range) or interlocked switched socket-outlets system (66/67 IB range).

**IEC 309**  
Plugs, sockets and adaptors

**68 Q-MC RANGE**  
Energy and service distribution pedestals

**68 DIN RANGE**  
Distribution boards

**68 ACS RANGE**  
Construction sites distribution boards

**67 IB RANGE**  
Interlocked socket-outlet with rotary switch, fuses or integrated MCB









**66 IB RANGE**  
Heavy duty interlocked socket-outlets







**COMBIBLOC RANGE**  
Compact interlocked socket-outlet

**A COMPREHENSIVE SYSTEM**

# IEC 309 RANGE

## PLUGS AND SOCKET-OUTLETS IEC 309 STANDARDS

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.										
				Straight plugs - quick wiring IP44	Straight plugs - quick wiring IP67	Straight plugs IP44	Straight plugs IP67	90° plugs IP44	90° plugs IP67	Straight flush-mounting plugs IP44	Straight flush-mounting plugs IP67	90° surface- mounting plugs IP44	90° surface- mounting plugs IP67
16	110 110 - 130	2P + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	4			GW 60 012	GW 60 034	GW 60 093	GW 60 116	GW 60 212	GW 60 234	GW 60 412
3P + $\frac{\perp}{\perp}$			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 + $\frac{\perp}{\perp}$			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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	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 + $\frac{\perp}{\perp}$	3					GW 60 145		GW 60 146		GW 60 268	

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 IP67	90° surface-mounting plugs IP67	Straight socket-outlets IP67	10° flush-mounting socket-outlets IP67	10° surface-mounting socket-outlets IP67	90° surface-mounting socket-outlets IP67
63	110 110 - 130	2P + $\frac{\perp}{\perp}$	4	GW 61 045	GW 61 445	GW 63 045	GW 63 246	GW 63 445	GW 63 519
		3P + $\frac{\perp}{\perp}$	4	GW 61 046	GW 61 446	GW 63 046	GW 63 247	GW 63 446	GW 63 520
		3P + N + $\frac{\perp}{\perp}$	4	GW 61 047	GW 61 447	GW 63 047	GW 63 248	GW 63 447	GW 63 521
	230 200 - 250	2P + $\frac{\perp}{\perp}$	6	GW 61 048	GW 61 448	GW 63 048	GW 63 249	GW 63 448	GW 63 522
		3P + $\frac{\perp}{\perp}$	9	GW 61 049	GW 61 449	GW 63 049	GW 63 250	GW 63 449	GW 63 523
		3P + N + $\frac{\perp}{\perp}$	9	GW 61 050	GW 61 450	GW 63 050	GW 63 251	GW 63 450	GW 63 524
	400 380 - 415	2P + $\frac{\perp}{\perp}$	9	GW 61 051	GW 61 451	GW 63 051	GW 63 252	GW 63 451	GW 63 525
		3P + $\frac{\perp}{\perp}$	6	GW 61 052	GW 61 452	GW 63 052	GW 63 253	GW 63 452	GW 63 526
		3P + N + $\frac{\perp}{\perp}$	6	GW 61 053	GW 61 453	GW 63 053	GW 63 254	GW 63 453	GW 63 527
	500 480 - 500	3P + $\frac{\perp}{\perp}$	7	GW 61 054	GW 61 454	GW 63 054	GW 63 255	GW 63 454	GW 63 528
		3P + N + $\frac{\perp}{\perp}$	7	GW 61 055	GW 61 455	GW 63 055	GW 63 256	GW 63 455	GW 63 529
	125	110 110 - 130	3P + $\frac{\perp}{\perp}$	4	GW 60 056	GW 60 456	GW 62 056	GW 62 257	
3P + N + $\frac{\perp}{\perp}$			4	GW 60 057	GW 60 457	GW 62 057	GW 62 258		GW 62 531
230 200 - 250		3P + $\frac{\perp}{\perp}$	9	GW 60 058	GW 60 458	GW 62 058	GW 62 259		GW 62 532
		3P + N + $\frac{\perp}{\perp}$	9	GW 60 059	GW 60 459	GW 62 059	GW 62 260		GW 62 533
400 380 - 415		3P + $\frac{\perp}{\perp}$	6	GW 60 060	GW 60 460	GW 62 060	GW 62 261		GW 62 534
		3P + N + $\frac{\perp}{\perp}$	6	GW 60 061	GW 60 461	GW 62 061	GW 62 262		GW 62 535
500 480 - 500		3P + $\frac{\perp}{\perp}$	7	GW 60 062	GW 60 462	GW 62 062	GW 62 263		GW 62 536
3P + N + $\frac{\perp}{\perp}$	7	GW 60 063	GW 60 463	GW 62 063	GW 62 264		GW 62 537		



### 16A AND 32A LOW VOLTAGE INDUSTRIAL PLUGS AND SOCKET-OUTLETS TO IEC 309 STANDARDS


IP44	IP67	IP44	IP67	IP44	IP67	IP44	IP67	IP44	IP67	IP44	IP67
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 EXTRA-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)									
					IP44	IP44	IP44	IP44	IP44	IP44	IP67	IP44	IP44
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) and 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
	(20-25)-(40-50)	2P	10	cc	GW 60 072	GW 60 135	GW 60 253	GW 60 472	GW 62 072	GW 62 273		GW 62 464	GW 62 546
	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
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) and 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

		MULTIPLE SOCKET COUPLERS						
		INPUT				COUPLER 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+ $\perp$	4	GW 64 008	GW 64 022	
				3P+ $\perp$	4		GW 64 023	
			230 200 - 250	2P+ $\perp$	6	GW 64 010	GW 64 024	
				3P+ $\perp$	9	GW 64 011	GW 64 025	
				3P+N+ $\perp$	9	GW 64 012	GW 64 026	
				400 380 - 415	3P+ $\perp$	6	GW 64 013	GW 64 027
		3P+N+ $\perp$	6	GW 64 014	GW 64 028			
	32	400 / 380 - 415	3P+ $\perp$	6			GW 64 068	
	With cable	16	110 / 110 - 130	2P+ $\perp$	4		GW 64 050	
			230 / 200 - 250	2P+ $\perp$	6		GW 64 052	
			400 380 - 415	3P+ $\perp$	6		GW 64 055	
				3P+N+ $\perp$	6		GW 64 056	

		MULTIPLE SOCKET ADAPTORS									
		INPUT				OUTPUTS					
		Rated current In (A)	Rated voltage Un (V)	No. poles	Ref. h	No. 3 sockets-outlets					
					2P+ $\perp$ 230 V~	3P+ $\perp$ 400 V~	3P+N $\perp$ 400 V~	Code			
	16	400 380 - 415	3P+N+ $\perp$	6	2x16A		1x16A	GW 64 059			
					1x16A	1x16A	1x16A	GW 64 060			
	32	230 / 200 - 250	2P+ $\perp$	6	3x16A			GW 64 062			
					400 380 - 415	3P+N+ $\perp$	6	1x16A	1x16A	1x16A	GW 64 063
								2x16A		1x32A	GW 64 064
								1x32A	1x32A	1x32A	GW 64 061
63	400 / 380 - 415	3P+N+ $\perp$	6	2x32A		1x63A	GW 64 065				

		PROTECTED PHASE INVERTER					
		INPUT				OUTPUTS	
		Rated current In (A)	Rated voltage Un (V)	No. Poles	Ref. h	No. 1 socket outlets	
					3P+ $\perp$ 400 V~	3P+N $\perp$ 400 V~	Code
	16	400 380 - 415	3P+ $\perp$	6	1x16A		GW 64 066
			3P+N+ $\perp$	6		1x16A	GW 64 067

Important notice: the range of multiple socket adaptors, adaptors 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.

### Innovative protection for interlocked switched socket-outlets

The GEWISS patented innovation introduced in Automatika, by the MCB protection integrated on the frontal, revolutionizes the interlocked switched socket-outlets protection system 16-32Amps: the MCB inside the socket allows to reduce the spaces on the distribution boards and it could be directly reset by the external knob while the signalling LEDs show its status.

The 67IB interlocked socket-outlets range includes also fuses protection version and rotary switch without fuses: all the range is made by high performance materials and IP67 degree to supply energy distribution in commercial and industrial places with 16, 32 and 63Amps.

IB range has also the compact interlocked COMBIBLOC with smaller size, the 44IB horizontal version and the 66IB for heavy duty application.



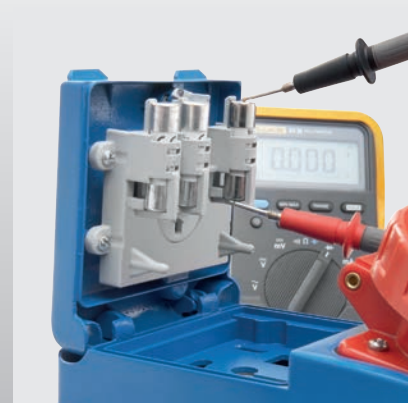
#### Top quality materials

Made of high performance, blue thermoplastic materials guaranteeing good long-term resistance to impact, UV rays and chemical agents.













#### Integrated protection

MCB integrated on interlocked socket-outlet frontal, C characteristic 6kA, and signalling LEDs to show its operation status for each phase.



#### Fuses protection

The frontal fuse-holder system removes and, at the same time, cuts off all the fuses, simplify both access and control or maintenance operations.

				VERTICAL SOCKET-OUTLETS - 67 IB						VERTICAL SOCKET-OUTLETS FOR HEAVY DUTY USE - 66 IB			
													
Rated current In (A)	Rated voltage Un (V)	No. poles	Reference h.	Vertical socket-outlets with RCB, without bottom <b>IP67</b>	Vertical socket-outlets with RCB, with bottom <b>IP67</b>	Vertical socket-outlets with rotary switch, without bottom <b>IP67</b>	Vertical socket-outlets with rotary switch, with bottom <b>IP67</b>	Vertical socket-outlets with fuse-holder base, without bottom <b>IP67</b>	Vertical socket-outlets with fuse-holder base, with bottom <b>IP67</b>	Vertical socket-outlets with rotary switch, without bottom <b>IP66</b>	Vertical socket-outlets with rotary switch, with bottom <b>IP66</b>	Vertical socket-outlets with fuse-holder base, without bottom <b>IP66</b>	
16	24	2P	s.r.			GW 66 359 N	GW 66 259 N					GW 66 886	
	110 110 - 130	2P + $\perp$	4	GW 66 151 N	GW 66 051 N	GW 66 301 N	GW 66 201 N	GW 66 323 N	GW 66 223 N	GW 66 535	GW 66 501	GW 66 801	
		3P + $\perp$	4	GW 66 152 N	GW 66 052 N	GW 66 302 N	GW 66 202 N	GW 66 324 N	GW 66 224 N	GW 66 536	GW 66 502	GW 66 802	
		3P + N + $\perp$	4	GW 66 153 N	GW 66 053 N	GW 66 303 N	GW 66 203 N	GW 66 325 N	GW 66 225 N	GW 66 537	GW 66 503	GW 66 803	
	230 200 - 250	2P + $\perp$	6	GW 66 154 N	GW 66 054 N	GW 66 304 N	GW 66 204 N	GW 66 326 N	GW 66 226 N	GW 66 538	GW 66 504	GW 66 804	
		3P + $\perp$	9	GW 66 155 N	GW 66 055 N	GW 66 305 N	GW 66 205 N	GW 66 327 N	GW 66 227 N	GW 66 539	GW 66 505	GW 66 805	
		3P + N + $\perp$	9	GW 66 156 N	GW 66 056 N	GW 66 306 N	GW 66 206 N	GW 66 328 N	GW 66 228 N	GW 66 540	GW 66 506	GW 66 806	
	400 380 - 415	2P + $\perp$	9	GW 66 157 N	GW 66 057 N	GW 66 307 N	GW 66 207 N	GW 66 329 N	GW 66 229 N	GW 66 541	GW 66 507	GW 66 807	
		3P + $\perp$	6	GW 66 158 N	GW 66 058 N	GW 66 308 N	GW 66 208 N	GW 66 330 N	GW 66 230 N	GW 66 542	GW 66 508	GW 66 808	
		3P + N + $\perp$	6	GW 66 159 N	GW 66 059 N	GW 66 309 N	GW 66 209 N	GW 66 331 N	GW 66 231 N	GW 66 543	GW 66 509	GW 66 809	
	500 480 - 500	3P + $\perp$	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 + $\perp$	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 + $\perp$	4	GW 66 162 N	GW 66 062 N	GW 66 312 N	GW 66 212 N	GW 66 334 N	GW 66 234 N	GW 66 546	GW 66 512	GW 66 812	
		3P + $\perp$	4	GW 66 163 N	GW 66 063 N	GW 66 313 N	GW 66 213 N	GW 66 335 N	GW 66 235 N	GW 66 547	GW 66 513	GW 66 813	
		3P + N + $\perp$	4	GW 66 164 N	GW 66 064 N	GW 66 314 N	GW 66 214 N	GW 66 336 N	GW 66 236 N	GW 66 548	GW 66 514	GW 66 814	
	230 200 - 250	2P + $\perp$	6	GW 66 165 N	GW 66 065 N	GW 66 315 N	GW 66 215 N	GW 66 337 N	GW 66 237 N	GW 66 549	GW 66 515	GW 66 815	
		3P + $\perp$	9	GW 66 166 N	GW 66 066 N	GW 66 316 N	GW 66 216 N	GW 66 338 N	GW 66 238 N	GW 66 550	GW 66 516	GW 66 816	
		3P + N + $\perp$	9	GW 66 167 N	GW 66 067 N	GW 66 317 N	GW 66 217 N	GW 66 339 N	GW 66 239 N	GW 66 551	GW 66 517	GW 66 817	
	400 380 - 415	2P + $\perp$	9	GW 66 168 N	GW 66 068 N	GW 66 318 N	GW 66 218 N	GW 66 340 N	GW 66 240 N	GW 66 552	GW 66 518	GW 66 818	
		3P + $\perp$	6	GW 66 169 N	GW 66 069 N	GW 66 319 N	GW 66 219 N	GW 66 341 N	GW 66 241 N	GW 66 553	GW 66 519	GW 66 819	
		3P + N + $\perp$	6	GW 66 170 N	GW 66 070 N	GW 66 320 N	GW 66 220 N	GW 66 342 N	GW 66 242 N	GW 66 554	GW 66 520	GW 66 820	
	500 480 - 500	3P + $\perp$	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 + $\perp$	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 + $\perp$	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 + $\perp$	4			GW 67 356 N	GW 67 256 N	GW 66 345 N	GW 67 245 N		GW 66 524		
		3P + $\perp$	4			GW 67 357 N	GW 67 257 N	GW 66 346 N	GW 67 246 N		GW 66 525		
		3P + 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 + $\perp$	6			GW 67 359 N	GW 67 259 N	GW 66 348 N	GW 67 248 N		GW 66 527		
		3P + $\perp$	9			GW 67 360 N	GW 67 260 N	GW 66 349 N	GW 67 249 N		GW 66 528		
		3P + 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 + $\perp$	9			GW 67 362 N	GW 67 262 N	GW 66 351 N	GW 67 251 N		GW 66 530		
		3P + $\perp$	6			GW 67 363 N	GW 67 263 N	GW 66 352 N	GW 67 252 N		GW 66 531		
		3P + 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 + $\perp$	7			GW 67 365 N	GW 67 265 N	GW 66 354 N	GW 67 254 N		GW 66 533		
		3P + 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 - IP55			
125	110 110 - 130	3P + $\perp$	4									GW 66 581	
		3P + N + $\perp$	4									GW 66 582	
	230 200 - 250	3P + $\perp$	9										GW 66 583
		3P + N + $\perp$	9										GW 66 584
	400 380 - 415	3P + $\perp$	6										GW 66 585
		3P + N + $\perp$	6										GW 66 586
500 480 - 500	3P + $\perp$	7										GW 66 587	
	3P + N + $\perp$	7										GW 66 588	

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 - 66 IB			COMBIBLOC COMPACT SOCKET-OUTLETS				HORIZONTAL SOCKET-OUTLETS - 44 IB				
IP66	IP66	IP66	IP44	IP44	IP55	IP55	IP44	IP44	IP44	IP44	
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 - IP55										
	GW 66 591										
	GW 66 592										
	GW 66 593										
	GW 66 594										
	GW 66 595										
	GW 66 596										
	GW 66 597										
	GW 66 598										

		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		IP67 vertical socket-outlets with rotary switch, with fuse-holder base and AUTOMATIKA 16/32A and 24V (SELV)	<b>GW 66 690</b>	<b>GW 66 691</b>	<b>GW 66 694</b>		<b>GW 68 025 N</b> (10 modules)	<b>GW 68 010 N</b> (14 modules)	<b>GW 68 022 N</b> (20 modules) 1 socket-outlet 63A 2 socket-outlets 16/32A	<b>GW 68 015 N</b> (20 modules)
		IP67 vertical socket-outlets with rotary switch (SBF) or with fuse-holder base 63A (CBF)	<b>GW 66 693</b>							
66 IB RANGE FOR HEAVY-DUTY USE		IP66 vertical socket-outlets for heavy duty use 16/32A	<b>GW 66 696</b>	<b>GW 66 697</b>	<b>GW 66 698</b>					
		IP66 vertical socket-outlets for heavy duty 63A	<b>GW 66 700</b>							
COMBIBLOC RANGE		IP44/55 compact protected watertight socket-outlets - 16/32A				<b>GW 66 491</b>	<b>GW 66 492</b>	<b>GW 66 493</b>		
44 IB HORIZONTAL RANGE		IP44 horizontal socket-outlets, without fuse-holder base (SBF) 16/32A					<b>GW 68 006 N</b> (14 modules)			<b>GW 68 009 N</b> (14 modules)
		IP44 horizontal socket-outlets with fuse-holder base (CBF) 16/32A					<b>GW 68 019 N</b> (10 modules)			<b>GW 68 014 N</b> (20 modules)

**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		
			<b>GW 66 709 N</b>	<b>GW 66 683 N</b> (cannot be used for SELV 24V)	<b>GW 66 678 N</b>	 GW 27 401	
					<b>GW 66 686</b> (for SBF) <b>GW 66 680 N</b> (for CBF)	 IEC 309 range	
<b>GW 66 781</b> (6 modules)	<b>GW 66 782</b> (12 modules)	<b>GW 66 783</b> (18 modules)	<b>GW 66 707</b>		<b>GW 66 685</b>	 IEC 309 range	
<b>GW 66 784</b> (6 modules)						 74 PS range	
				<b>GW 66 498</b>	<b>GW 66 496</b>		
				<b>GW 66 681</b>	<b>GW 66 676</b>		
				<b>GW 66 682</b>	<b>GW 66 677</b>		

### The industrial boards system for energy distribution

The 68 Q-DIN range is used in commercial, industrial and construction sites application. They are the most compact size of the market and available in both empty and wired version, in compliance with the IEC 60439 Standard.

Versions with 5, 10, 14 and 20 DIN modules, EN 50022, including supplementary of 14 and 20 modules to obtain more DIN space till 40 modules with IP65 protection degree guaranteed also by the innovative handle closure of the door.

For flush-mounting and interlocked socket-outlet from 16 to 63 A, IP44 and IP67, SYSTEM range domestic socket-outlets.

A wide range of accessories as pole coupling, wall brackets, transportation handle and mobile support complete the range for each request.



#### Up to 63Amps

The 20-module versions support the IEC 309 socket-outlets with or without interlock, up to 63A, without boards of different sizes.



#### More DIN spaces

The internal space of the boards means they can house up to 20 DIN modules. With the additional module, you can even have up to 40 modules.



#### Emergency push button

In 10, 14 and 20 modules versions can be installed an emergency push-button on the top, in a position immediately recognizable.

### A complete and flexible system for each construction site

Distribution boards system, empty or wired and certified in accordance with IEC EN 60439-4, with different combinations of socket-outlets and circuit breakers, for energy distribution on small and big construction sites.

The 68 Q-BOX has an 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 by modular and moulded-case switches up to 60 DIN modules - EN 50022.

The construction sites system include also the 46QP distribution boards, 68 Q-DIN and 68 QMC mobile pedestals in customized and wired versions, certified by Customer Service and GWEnergy software.



#### A complete system

GEWISS offers a wide range of unwired versions that are ready for use and can be personalized for all the specific construction site requirements.

#### Up to 12 socket-outlets





























The use of the new panels extends the number of possible configurations, offering up to 12 compact interlocked switched socket-outlets in a single board.

#### Up to 60 modules

Thanks to the 12-module DIN rail panel, up to 60 DIN modules can be installed, along with circuit breakers of up to 160A.

# 68 Q-DIN RANGE

## DISTRIBUTION BOARDS

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	GW68217N		3 IEC 309 socket-outlets 2P+E 16A IP67 230V with H07 RN-F 5m cable and 2P+E plug 16A IP67 230V
		GW68223N		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 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	GW68411N		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 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
						GW 68 231 N	
	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			
		GW68421N		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	GW68424N		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 ASC RANGE

ACS DISTRIBUTION BOARD SYSTEM FOR CONSTRUCTION SITES

46 QP - IP65		
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, "L"-SHAPED, ADJUSTABLE

Q-BOX 4 - IP55												
CODE	No. IEC 309/INTERLOCKED SOCKET-OUTLETS						DOMESTIC SOCKET	MAIN SWITCH				BOARD SUPPLY
	16A			32A			10/16A	Miniature circuit breaker		Switch disconnecter		
	2P + $\frac{\perp}{\oplus}$	3P + $\frac{\perp}{\oplus}$	3P+N+ $\frac{\perp}{\oplus}$	2P + $\frac{\perp}{\oplus}$	3P + $\frac{\perp}{\oplus}$	3P+N+ $\frac{\perp}{\oplus}$	German Standard	Poles	In (A)	Poles	In (A)	
GW 68 481	3	1								4	40	Appliance plug
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 - IP55												
CODE	No. IEC 309/INTERLOCKED SOCKET-OUTLETS						DOMESTIC SOCKET	MAIN SWITCH				BOARD SUPPLY
	16A			32A		63A	10/16A	Miniature circuit breaker		Switch disconnecter		
	2P + $\frac{\perp}{\oplus}$	3P + $\frac{\perp}{\oplus}$	3P+N+ $\frac{\perp}{\oplus}$	3P + $\frac{\perp}{\oplus}$	3P+N+ $\frac{\perp}{\oplus}$	3P+N + $\frac{\perp}{\oplus}$	German Standard	Poles	In (A)	Poles	In (A)	
GW 68 471	3	2		1						4	63	Appliance plug
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 Q-DIN							
	No. IEC 309/INTERLOCKED SOCKET-OUTLETS			DOMESTIC SOCKET	MAIN PROTECTION		BOARD TYPE
	16A		32A	10/16A	Poles	In (A)	
	2P+⊕	3P+⊕	3P+⊕	German Standard			
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 68 223 N	3				2P	16	With shockproof case
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	

68 Q-MC										
	No. IEC 309 SOCKET-OUTLETS				MAIN PROTECTION		EMERGENCY BUTTON	POWER SUPPLY PLUG	IP DEGREE	BOARD TYPE
	16A			32A	Poles	In (A)				
	2P+⊕	3P+⊕	3P+N+⊕	3P+N+⊕						
GW 68 881 A	7				4	40	Yes	3P+N+⊕ 32A	56	Portable
GW 68 883 A	4	1	1	1	4	50		3P+N+⊕ 63A		
GW 68 884 A	2	1	2	1	4	50		3P+N+⊕ 63A		

COMBIBLOC								
	No. IEC 309 SOCKET-OUTLETS			MAIN PROTECTION		POWER SUPPLY PLUG	IP DEGREE	BOARD TYPE
	16A		32A	Poles	In (A)			
	2P+⊕	3P+N+⊕	3P+N+⊕					
GW 66 388	2	1		4	40	3P+N+⊕ 32A	55	With metal support
GW 66 389	1	1	1	4	40	3P+N+⊕ 32A		

# 68 Q-MC RANGE

ENERGY AND SERVICE DISTRIBUTION PEDESTALS

## Design and safety for all needs

The elegant style, materials and colours ensure 100% integration with the environment. The attention to the highest quality and safety standards, with certifications, means reliability and the people safety. The 68 Q-MC pedestals are the right solution for the distribution of electricity, water, services in harbours, campsites, urban areas, and industrial contexts.

Three product families (stainless steel pedestals or compact and high capacity thermoplastic pedestals) in 6 different sizes, with socket-outlets complying with Standard IEC309 (16 - 125A), or with terminal block output or industrial socket-outlets up to 400A. The pedestals can also be equipped with an electronic system for controlling and recording consumption levels; there are fire-fighting system version.



## REFERENCE AND APPLICATIONS



**Harbours**  
Montecarlo



**Harbours**  
Pasaia, Spain



**Urban Areas**  
Duomo square, Milan

### WIRED PEDESTALS Q-MC 63 X IN AISI 316 L STAINLESS STEEL

CODE	No. IEC 309 SOCKET-OUTLETS				MAIN PROTECTION			INDIVIDUAL PROTECTION				IP DEGREE	
	16A		32A	63A	TYPE	No. poles	In (A)	TYPE	NO.	In	NO.		In
	2P+⊕	3P+N+⊕	3P+N+⊕	3P+N+⊕									
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



### FIRE-FIGHTING PEDESTALS Q-MC 63 X IN AISI 316 L STAINLESS STEEL

CODE	CONFIGURATION
	FITTED FOR 6 KG FIRE EXTINGUISHER
	SUITABLE FOR VALVE, LANCE, SUPPORT AND HOSE
	KIT CONTAINING LANCE, 15M HOSE, SUPPORT AND ACCESSORIES



### EMPTY DISTRIBUTION PEDESTAL 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


CODE	TYPES OF PANELS				
	FOR SBF INTERLOCKED SWITCHED SOCKET-OUTLETS ASSEMBLY			FOR DEVICE INSTALLATION	
	TYPE	NO.	TYPE	NO.	
GW 68 745 W	67 IB range Vertical IP67 16/32A	2			
GW 68 746 W	44 IB range Horizontal IP44 16/32A	2			
GW 68 747 W	Combibloc range IP44/55 16/32A	2	IEC 309 range, flush-mounting 16A or 85x75mm flanged lids	1	
GW 68 748 W			IEC 309 range, flush-mounting 16/32A or 85x75mm flanged lids	4	
GW 68 749 W	67 IB range Vertical IP67 63A	1			
GW 68 750 W			BLANK		



# 68 Q-MC RANGE

## ENERGY AND SERVICE DISTRIBUTION PEDESTALS

### WIRED DISTRIBUTION PEDESTALS


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	56			
									GW 68 842 A	GW 68 842 W	56			
					•		Q-MC 16 T PEDESTAL		GW 68 846 A	GW 68 846 W	55			
									GW 68 847 A	GW 68 847 W	56			
•		•		•		•	Q-MC 63 B PEDESTAL		GW 68 851 A	GW 68 851 W	56			1 x 32A
									GW 68 852 A	GW 68 852 W	56			1 x 32A
•	•	•		•		•	Q-MC 63 E ELECTRONICS PEDESTAL		GW 68 876 A	GW 68 876 W	56			1 x 32A
									GW 68 877 A	GW 68 877 W	56			1 x 32A
									GW 68 878 A	GW 68 878 W	56			1 x 63A
•	•								GW 68 874 A	GW 68 874 W	56			
									GW 68 875 A	GW 68 875 W	56			
	•						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			


NO. OF MODULAR PROTECTION AND MONITORING DEVICES						TYPE AND NO. SOCKETS INSTALLED					
RCD 30mA AC		MINIATURE CIRCUIT BREAKERS C CHARACTERISTIC 6kA		RESIDUAL CURRENT CIRCUIT BREAKERS 30mA AC		NON-INTERLOCKED	IEC 309 INTERLOCKED			SPECIAL SOCKETS	ITALIAN/GERMAN STANDARD DOMESTIC SOCKETS
2P	4P	2P	3P	2P	4P	2P+±	2P+±	3P+±	3P+N+±	RJ45+ TV/SAT	2P+± 10/16A
				1 x 16A			2 x 16A				
				1 x 16A			1 x 16A				2
	1 x 40A	4 x 16A				6 x 16A					2
	1 x 40A	3 x 16A	1 x 16A				2 x 16A	1 x 16A			2
				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		
	Earth leakage relay with external toroid	MT HP 4P C125 16kA							1 x 125A		
				4 x 6A			4 x 16A				
				8 x 6A		8 x 16A					
				4 x 6A		4 x 16A				4+4	
				4 x 16A			4 x 16A				
				2 x 16A	2 x 16A		2 x 16A		2 x 16A		
				1 x 16A	2 x 25A		1 x 16A		2 x 32A		
				4 x 10A			4 x 16A				
				6 x 10A			6 x 16A				
				8 x 10A			8 x 16A				
	Earth leakage relay with external toroid	MTX 4P 250A Type N 36kA				Direct coupling without socket					

# 68 Q-MC RANGE








## ENERGY AND SERVICE DISTRIBUTION PEDESTALS

### FIRE-FIGHTING PEDESTALS

	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, HOSE AND SUPPORT
	GW 68 729 A	GW 68 729 W	FITTED FOR LANCE, HOSE, SUPPORT AND 6KG FIRE EXTINGUISHER
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 DISTRIBUTION PEDESTALS

	TYPE	BLUE VERSION	WHITE VERSION	EN 50022 MODULES	TYPE OF TAPPING	SIDE A	SIDE B
	Q-MC 16 B PEDESTAL	GW 68 701 A	GW 68 701 W	18 (9x2)	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	18 (9x2)	Double-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel
	Q-MC 16 T PEDESTAL	GW 68 712 A	GW 68 712 W	18 (9x2)	Double-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel
	Q-MC 63 B PEDESTAL	GW 68 713 A	GW 68 713 W	18 (9x2)	Double-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel
	Q-MC 63 C PEDESTAL	GW 68 714 A	GW 68 714 W	18 (9x2)	Double-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel
	Q-MC 63 C PEDESTAL	GW 68 716 A	GW 68 716 W	36 (9x4)	Double-sided	Empty compartment that can be equipped with 2 panels	Empty compartment that can be equipped with 2 panels
	Q-MC 125 B PEDESTAL	GW 68 715 A	GW 68 715 W	14	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 PEDESTAL	GW 68 717 A	GW 68 717 W	28 (14x2)	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

### Rotary switches for control and emergency applications

Rotary switches for command (with black knob) and emergency (with red knob), in two different application types - surface-mounting and for board.

The surface-mounting box versions are made in both insulating case (from 16A to 63A) and metal case (from 16A to 160A), in 8 different amperages and poles.

The board versions are subdivided into those with emergency door release, and those for DIN rail assembly, from 16A to 63A.

Main features:





- Both the command and emergency versions can be locked.
- Extension bracket to adjust the depth of the breaker in function of the type of distribution board.
- Combined coupling through watertight connectors.



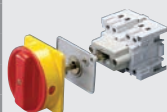

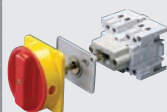

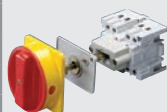

#### TECHNICAL DATA AND COMPLIANCE WITH STANDARDS

		16A	32A	40A	63A	80A	100A	125A	160A
<b>Reference Standard</b>		EN 60947-3							
Current thermal rating $I_{th}$ in air	A	16	32	40	63	80	100	125	160
Current thermal rating $I_{the}$ in case	A	16	32	40	63	80	95	120	160
Nominal operating voltage $U_e$	V	400	400	400	500	400	400	500	500
Nominal insulating voltage $U_i$	V	690	690	690	690	800	800	800	800
Nominal operating current $I_e$ AC-21 A	A	16	32	40	63	80	95	120	160
<b>Nominal operating power</b>									
Usage category AC-3 A Caged motors: starting, stopping motor during rotation	3 x 400V kW	5	10	12	19	25	29	20	50
Usage category AC-23 A Control of motors or other highly inductive loads	3 x 400V kW	7	14	18	28	36	42	28	72
Nominal breaking capacity AC-23A $\cos \Phi = 0,45$	3 x 400V A	160	320	400	630	800	950	1200	1600
<b>Protection against short-circuit</b>									
Nominal short-circuit current conditioned by fuse	$kA_{eff}$	10	10	6	10	50	15	50	50
Maximum fuse current (gG)	A	16	32	40	63	80	100	125	160
Nominal brief current $I_{sw}$ (1-s-current)	$A_{eff}$	500	750	750	1200	1500	1500	2500	4000

### SURFACE-MOUNTING ROTARY SWITCHES IN INSULATING OR METAL BOX, FOR COMMAND AND EMERGENCY - IP65

Rated current	Poles		Insulating		External dimensions (mm)		Metal		External dimensions (mm)		
			Command	Emergency			Command	Emergency			
16A	2		GW 70 401	GW 70 431	114x114x71.5		GW 70 531	GW 70 561	140.6x165.6x97		
	3		GW 70 402	GW 70 432	114x114x71.5		GW 70 532	GW 70 562	140.6x165.6x97		
	4		GW 70 403	GW 70 433	114x114x71.5		GW 70 533	GW 70 563	140.6x165.6x97		
32A	2		GW 70 404	GW 70 434	114x114x71.5		GW 70 534	GW 70 564	140.6x165.6x97		
	3		GW 70 405	GW 70 435	114x114x71.5		GW 70 535	GW 70 565	140.6x165.6x97		
	4		GW 70 406	GW 70 436	114x114x71.5		GW 70 536	GW 70 566	140.6x165.6x97		
40A	2			GW 70 413	GW 70 441		114x114x71.5		GW 70 537	GW 70 567	140.6x165.6x97
	3			GW 70 414	GW 70 442		114x114x71.5		GW 70 538	GW 70 568	140.6x165.6x97
	4			GW 70 415	GW 70 443		114x114x71.5		GW 70 539	GW 70 569	140.6x165.6x97
63A	3			GW 70 407	GW 70 437		170x170x96		GW 70 540	GW 70 570	214.8x251.8x126.7
	4			GW 70 408	GW 70 438		170x170x96		GW 70 541	GW 70 571	214.8x251.8x126.7
80A	3			-	-		-		GW 70 542	GW 70 572	214.8x251.8x126.7
	4	-		-	-	GW 70 543	GW 70 573		214.8x251.8x126.7		
100A	3	-		-	-	GW 70 544	GW 70 574		214.8x251.8x126.7		
	4	-		-	-	GW 70 545	GW 70 575		214.8x251.8x126.7		
125A	3	-		-	-	GW 70 546	GW 70 576		307.2x257.2x171.6		
	4	-		-	-	GW 70 547	GW 70 577		307.2x257.2x171.6		
160A	3	-		-	-	GW 70 548	GW 70 578		307.2x257.2x171.6		
	4	-	-	-	GW 70 549	GW 70 579	307.2x257.2x171.6				

### ROTARY SWITCHES FOR DISTRIBUTION BOARDS

Rated current	Poles	No. DIN EN 50022 modules	Adjustment field (mm)	Version for boards		Pack / carton	Version for fixing on DIN rail		Pack / carton	
										
16A	2	3	87 - 145		GW 70 001	1/10		GW 70 201	1/30	
	3				GW 70 002			GW 70 202		
	4				GW 70 003			GW 70 203		
32A	2				GW 70 004			GW 70 204		1/24
	3				GW 70 005			GW 70 205		
	4				GW 70 006			GW 70 206		
63A	3	5	114 - 177		GW 70 007	1/5		GW 70 207	1/12	
	4				GW 70 008			GW 70 208		

### COMPLEMENTARY ITEMS

Code	Description	Adjustment field	Pack / carton
GW 70 009	Adjustable extension brackets in galvanised steel for rear fixing, complete with self-tapping screws - set of 4 brackets	117 - 305mm (16/32A) 144 - 337mm (63A)	1/10
GW 70 409	Lockable red knob with yellow flange for emergency 16-32-40A		1/20
GW 70 410	Lockable red knob with yellow flange for emergency 63-80-100A		1/18



## ATEX Solutions - Systems for potentially explosive atmospheres

Line of products certificated in according to the Directive 94/9/CE for potentially explosive environments



ENERGY		LIGHTING
Connection systems	Distribution systems	Lighting systems
 <p><b>67 ATEX - Vertical socket-outlets with and without bottom and with or without fuse holder base</b></p> <p>Zone 22 (D) Ex tc IIIC T85°C Dc X Range: 16A - 63A</p>	 <p><b>74 ATEX - Command equipment in box</b></p> <p>Zone 22 (D) Ex tc IIIC T85°C Dc X - Box with mushroom-head button - Box with start/stop push-buttons</p>	 <p><b>Urano range - ATEX version Compact asymmetrical floodlights</b></p> <p>Zone 2 (G) - Zone 22 (D) - Asymmetrical diffuser optics Lamp range: 70W - 150W</p>
 <p><b>67 ATEX - Complementary items for ATEX socket-outlets without bottom</b></p> <p>Zone 22 (D) Ex tc IIIC Dc U -20°C≤Ta≤+85°C - Back-mounting box 16A - 32A - Modular bases 16A - 63A</p>	 <p><b>76 ATEX - Junction boxes in painted aluminium alloy</b></p> <p>Zone 2 (G) - Zone 22 (D) Ex nA IIC Gc Ex tc IIIC Dc -20°C≤Ta≤+85°C U</p>	 <p><b>Titano range - ATEX version Medium power floodlights</b></p> <p>Zone 2 (G) - Zone 22 (D) - Symmetrical and asymmetrical diffuser optics Lamp range: 250W - 400W</p>
 <p><b>60 ATEX IEC309 Standard plugs</b></p> <p>Zone 22 (D) Ex tc IIIC T85°C Dc X Range: 16A - 63A</p>	 <p><b>76 ATEX - Complementary items for ATEX boxes</b></p> <p>Back-mounting plates in galvanised steel</p>	 <p><b>Halle range - ATEX version Watertight suspension high bays</b></p> <p>Zone 2 (G) - Zone 22 (D) - Standard or diffuser optics Lamp range: 250W - 400W</p>
 <p><b>70 ATEX - Disconnecting switches in aluminium box</b></p> <p>Zone 22 (D) Ex tc IIIC T85°C Dc X Range: 16A - 100A - Control version: black knob - Emergency version: red knob</p>	 <p><b>52/76 ATEX - Metal cable glands</b></p> <p>Zone 1 (G) - Zone 20 (D) 2G 1D Ex e II tD A20 IP68 -20°C≤Ta≤+95°C - Cable gland range: M12 - M63 / PG7 - PG48</p>	 <p><b>ZNT range - ATEX version Watertight professional polycarbonate ceiling-mounting luminaires</b></p> <p>Zone 2 (G) - Zone 22 (D) Lamp range: 2x18W-2x36W-2x58W Zone 22 (D) Lamp range: 2x18W- 2x36W- 2x58W</p>
 <p><b>76 ATEX - Junction boxes in painted aluminium alloy</b></p> <p>Zone 2 (G) - Zone 22 (D) Ex nA IIC Gc Ex tc IIIC Dc -20°C≤Ta≤+85°C U</p>	 <p><b>Fixing nuts for metal cable glands</b></p> <p>- Range: M12 - M63 / PG7 - PG48</p>	
 <p><b>76 ATEX - Complementary items for ATEX boxes</b></p> <p>Back-mounting plates in galvanised steel</p>	 <p><b>52/76 ATEX - Cable glands in insulating material</b></p> <p>Zone 1 (G) - Zone 20 (D) 2G 1D Ex e II tD A20 IP68 -20°C≤Ta≤+95°C - Cable gland range: M12 - M63 / PG7 - PG48</p>	
 <p><b>52/76 ATEX - Metal cable glands</b></p> <p>Zone 1 (G) - Zone 20 (D) 2G 1D Ex e II tD A20 IP68 -20°C≤Ta≤+95°C - Cable gland range: M12 - M63 / PG7 - PG48</p>	 <p><b>Fixing nuts for plastic cable glands</b></p> <p>- Range: M12 - M63 / PG7 - PG48</p>	
 <p><b>Fixing nuts for metal cable glands</b></p> <p>- Range: M12 - M63 / PG7 - PG48</p>		
 <p><b>52/76 ATEX - Cable glands in insulating material</b></p> <p>Zone 1 (G) - Zone 20 (D) 2G 1D Ex e II tD A20 IP68 -20°C≤Ta≤+95°C - Cable gland range: M12 - M63 / PG7 - PG48</p>		
 <p><b>Fixing nuts for plastic cable glands</b></p> <p>- Range: M12 - M63 / PG7 - PG48</p>		

### VERTICAL INTERLOCKED SWITCHED SOCKET-OUTLETS

In	POLES	WITH BOTTOM		WITHOUT BOTTOM		MODULAR BASES			BOTTOM
		DIRECT	CBF	DIRECT	CBF	1 SOCKET-OUTLET	2 SOCKET-OUTLETS	3 SOCKET-OUTLETS	1 SOCKET-OUTLET
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 67 981
	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			GW 67 989			
	3P + $\frac{1}{2}$	GW 67 900	GW 67 968						
	3P+N + $\frac{1}{2}$	GW 67 901	GW 67 969						

### IEC 309 STANDARD - STRAIGHT PLUGS

In	POLES	VOLTAGE			
		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

### JUNCTION 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
GW 76 297	392x298x149	GW 76 277

### COMMAND EQUIPMENT

CODE	EXTERNAL DIMENSIONS (mm)	TYPE
GW74232	113,5x138,5x95	Red mushroom-head + hold
GW74233	113,5x138,5x80	Green Red with guard


















### 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	POLES	CONTROL VERSION	EMERGENCY VERSION
16A	2P	GW 70 451	GW 70 471
	3P	GW 70 452	GW 70 472
	4P	GW 70 453	GW 70 473
32A	2P	GW 70 454	GW 70 474
	3P	GW 70 455	GW 70 475
	4P	GW 70 456	GW 70 476
63A	3P	GW 70 457	GW 70 477
	4P	GW 70 458	GW 70 478
100A	3P	GW 70 459	GW 70 479
	4P	GW 70 460	GW 70 480

### LIGHTING SYSTEMS

	POWER	70W	150W	250W	250W*	400W	400W*	2x18W	2x36W	2x58W
LAMP	TYPE	 MD/SD R7s	 MD/SD R7s	 MT/ST E40  ME/SE E40	 MT/ST E40  ME/SE E40	 MT/ST E40  ME/SE E40	 MT/ST E40  ME/SE E40	 FD G13	 FD G13	 FD G13
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 54 582 M GW 84 592 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

NOTE: ATEX products available for the installation only in the following countries: Austria, France, Germany, Italy, Liechtenstein, Luxembourg, Principality of Monaco, United Kingdom, Spain. For all others countries is necessary contact GEWISS Technical service assistance.

### Industrial connections for power, control and signalling circuits

Near 2000 codes for multipolar connections system from 3 to 216 poles.  
Four different kind of connections: screw, crimp, screw terminal block and spring in 11 different sizes.

12 family inserts:

- GW-A Compact range
- GW-D/DD High density contacts
- GW-E/EE/ES Industrial connectors
- GW-EAV Terminal block connectors
- GW-EHV/ESHV High voltage
- GW-HSB High current
- GW-K Mixed contacts
- GW-Q Low voltage

The ergonomics housing and hood have high wiring holding capacity in metallic or plastic version (for 21x21 and 32x13 sizes) and the range suggest versions for standard applications high voltage 830V, heavy duty and electromagnetic compatibility.



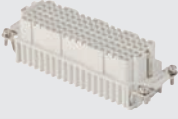









The closing system is available with single lever, double lever and locking central lever.



### Metallic junction box range for surface mounting

The GWConnect range includes seven different sizes of junction box and connections made of die-cast aluminium alloy. Suitable for any application but ideal in the industrial sector and on-board machinery especially in hostile working conditions. Available ATEX versions.































DIMENSIONS L X H X D (mm)	PAINTED	NON-PAINTED	BACK-MOUNTING PLATES
91 x 91 x 54	GW 76 261	GW 76 281	-
128 x 103 x 57	GW 76 262	GW 76 282	GW 76 272
155 x 130 x 58	GW 76 263	GW 76 283	GW 76 273
178 x 156 x 75	GW 76 264	GW 76 284	GW 76 274
239 x 202 x 85	GW 76 265	GW 76 285	GW 76 275
294 x 244 x 114	GW 76 266	GW 76 286	GW 76 276
392 x 298 x 149	GW 76 267	GW 76 287	GW 76 277

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	250V	10A	X	X		
		16, 32	250V	10A	X	X		
GW-D		7	250V	10A		X		
		8	50V	10A		X		
		15	250V	10A		X		
		25, 50	250V	10A		X		
		40, 80	250V	10A		X		
		64, 128	250V	10A		X		
GW-DD		24	250V	10A		X		
		42	250V	10A		X		
		72, 144	250V	10A		X		
		108, 216	250V	10A		X		
GW-E		6	500V	16A	X	X		
		10	500V	16A	X	X		
		16, 32	500V	16A	X	X		
		24, 48	500V	16A	X	X		
GW-EE		10	500V	16A		X		
		18	500V	16A		X		
		32, 64	500V	16A		X		
		46, 92	500V	16A		X		
GW-ES		6	500V	16A				X
		10	500V	16A				X
		16, 32	500V	16A				X
		24, 48	500V	16A				X
GW-EAV		6	500V	16A			X	
		10	500V	16A			X	
		16	500V	16A			X	
		24	500V	16A			X	
GW-EHV		3+2	830V	16A	X	X		
		6+2, 12+4	830V	16A	X	X		
		10+2, 20+4	830V	16A	X	X		
		16+2, 32+4	830V	16A	X			
GW-ESHV		3+2	830V	16A				X
		6+2, 12+4	830V	16A				X
		10+2, 20+4	830V	16A				X
GW-HSB		6	830V	35A	X			
		12	830V	35A	X			
GW-K		4	830V	80A	X			
		4x80A + 2x16A	830V-400V	80A-16A	X			
		4x80A + 8x16A	830V-400V	80A-16A	X			
GW-Q 5		5	230/400V	16A		X		
GW-QD 12		12	230/400V	10A		X		
GW-QD 8/0		8	500V	16A		X		
GW-QD 17		17	250V	10A		X		
GW-QD 4/2		4x40A + 2x10A	400/690V-250V	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; 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												
10A				16A				40A				PLIERS
FEMALE		MALE		FEMALE		MALE		FEMALE		MALE		
Contact section (mm <sup>2</sup> )	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		
GW 76 836	GW 76 879	Simple	Female	Male	GW 76 881	10A	16A	GW 76 880	Female	Male	
		GW 76 874	GW 76 876	GW 76 875		GW 76 882	GW 76 883		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 52 073	GW 76 841	GW 76 825	DX 54 412	GW 76 865		GW 76 980		GW 76 957
PG13.5		GW 52 074	GW 76 842	GW 76 826	DX 54 416	GW 76 866	GW 78 811	GW 76 981		GW 76 958
PG16		GW 52 075	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 52 076	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 52 077	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 52 078	GW 76 846	GW 76 830	DX 54 432		GW 78 815	GW 76 985	GW 78 834	GW 76 962
PG42		GW 52 079	GW 76 847	GW 76 897			GW 78 816	GW 76 986	GW 78 835	GW 76 963
PG48		GW 52 080					GW 78 817			
M16		GW 52 043		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

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**GEWISS**

DOMOTICS ENERGY LIGHTING

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Sole Shareholder company - Bergamo Register of Companies/VAT / Tax code (IT) 00385040167 - REA 107496 - Share Capital 60,000,000.00 EUR fully paid up