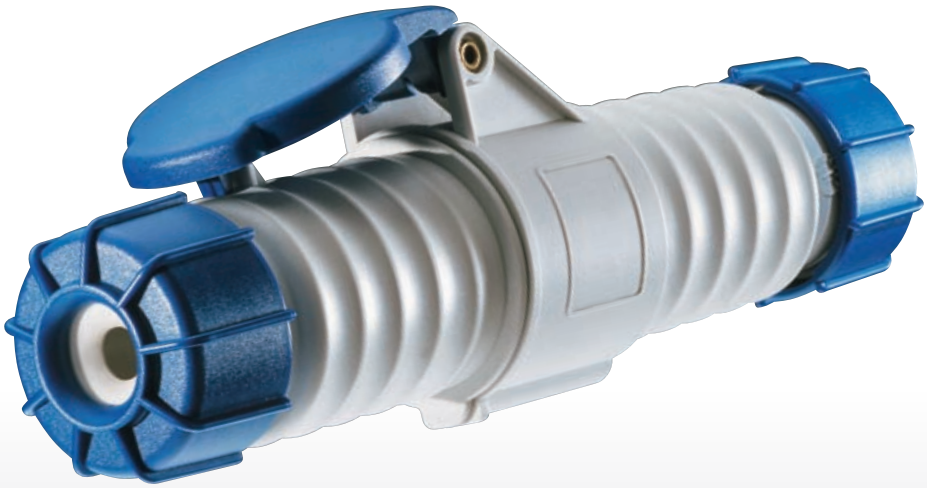
IEC 309 Range

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 multiple solutions.

16A and 32A low-voltage industrial plugs and socket-outlets to IEC 309 standards










Nominal current In (A)	Nominal voltage Un (V)	No. poles	Reference h	Straight trailing plugs **IP 44**	Straight trailing plugs **IP 67**	Straight trailing plugs **IP 44**	Straight trailing plugs **IP 67**	90° angled **IP 44** plugs	90° angled **IP 67** plugs	Straight, flush-mounting inlets **IP 44**	Straight, flush-mounting inlets **IP 67**	90° angled **IP 44** surface-mounting inlets	90° angled **IP 67** surface-mounting inlets
16	110 110 ÷ 130	2P + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	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 + ⏚	3				GW 60 145		GW 60 146		GW 60 268		GW 60 482

63A and 125A low-voltage industrial plugs and sockets to IEC 309 standards






Nominal current In (A)	Nominal voltage Un (V)	No. poles	Reference h	Straight trailing plugs **IP 67**	90°angled **IP 67** surface-mounting inlets	Straight trailing connectors **IP 67**	10°angled **IP 67** surface-mounting receptacles	10° angled **IP 67** surface-mounting receptacles	90° angled **IP 67** surface-mounting receptacles
63	110 110 ÷ 130	2P + ⏚	4	GW 61 045	GW 61 445	GW 63 045	GW 63 246	GW 63 445	GW 63 519
		3P + ⏚	4	GW 61 046	GW 61 446	GW 63 046	GW 63 247	GW 63 446	GW 63 520
		3P + N + ⏚	4	GW 61 047	GW 61 447	GW 63 047	GW 63 248	GW 63 447	GW 63 521
	230 200 ÷ 250	2P + ⏚	6	GW 61 048	GW 61 448	GW 63 048	GW 63 249	GW 63 448	GW 63 522
		3P + ⏚	9	GW 61 049	GW 61 449	GW 63 049	GW 63 250	GW 63 449	GW 63 523
		3P + N + ⏚	9	GW 61 050	GW 61 450	GW 63 050	GW 63 251	GW 63 450	GW 63 524
	400 380 ÷ 415	2P + ⏚	9	GW 61 051	GW 61 451	GW 63 051	GW 63 252	GW 63 451	GW 63 525
		3P + ⏚	6	GW 61 052	GW 61 452	GW 63 052	GW 63 253	GW 63 452	GW 63 526
		3P + N + ⏚	6	GW 61 053	GW 61 453	GW 63 053	GW 63 254	GW 63 453	GW 63 527
	500 480 ÷ 500	3P + ⏚	7	GW 61 054	GW 61 454	GW 63 054	GW 63 255	GW 63 454	GW 63 528
		3P + N + ⏚	7	GW 61 055	GW 61 455	GW 63 055	GW 63 256	GW 63 455	GW 63 529
125	110 110 ÷ 130	3P + ⏚	4	GW 60 056	GW 60 456	GW 62 056	GW 62 257		GW 62 530
		3P + N + ⏚	4	GW 60 057	GW 60 457	GW 62 057	GW 62 258		GW 62 531
	230 200 ÷ 250	3P + ⏚	9	GW 60 058	GW 60 458	GW 62 058	GW 62 259		GW 62 532
		3P + N + ⏚	9	GW 60 059	GW 60 459	GW 62 059	GW 62 260		GW 62 533
	400 380 ÷ 415	3P + ⏚	6	GW 60 060	GW 60 460	GW 62 060	GW 62 261		GW 62 534
		3P + N + ⏚	6	GW 60 061	GW 60 461	GW 62 061	GW 62 262		GW 62 535
	500 480 ÷ 500	3P + ⏚	7	GW 60 062	GW 60 462	GW 62 062	GW 62 263		GW 62 536
		3P + N + ⏚	7	GW 60 063	GW 60 463	GW 62 063	GW 62 264		GW 62 537

											
Straight connectors **IP 44**	Straight connectors **IP 67**	Straight connectors **IP 44**	Straight connectors **IP 67**	90° angled **IP 44** connectors	90° angled **IP 67** connectors	10° angled **IP 44** flush-mounting receptacles	10° angled **IP 67** flush-mounting receptacles	10° **IP 44** surface-mounting receptacles	10° angled **IP 67** surface-mounting receptacles	90° angled **IP 44** surface-mounting receptacles	90° angled **IP 67** surface-mounting receptacles
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 62 mm) for use in restricted spaces.

16A AND 32A LOW-VOLTAGE INDUSTRIAL PLUGS AND SOCKETS TO IEC 309 STANDARDS

													
Nominal current In (A)	**Nominal voltage Un (V)**	**No. poles**	**Reference h**	**Frequency (Hz)**	Straight trailing plugs **IP 44**	90° angled **IP 44** plugs	Straight, flush-mounting inlets **IP 44**	90° angled **IP 44** surface-mounting inlets	Straight connectors **IP 44**	10° angled **IP 44** flush-mounting receptacles	10° angled **IP 67** flush-mounting receptacles	10° angled **IP 44** surface-mounting receptacles	90° angled **IP 44** surface-mounting receptacles
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
	(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	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) 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-OUTLET SOCKETS							
INPUT					MULTIPLE-OUTLET SOCKET-OUTLETS		
	Nominal current In (A)	Nominal voltage Un (V)	No. poles	Ref. h	No. 2 socket-outlets16A	No. 3 socket-outlets16A	No. 3 socket-outlets32A
Without cable	16	110 110 ÷ 130	2P+ ⏚	4	GW 64 008		
			2P+ ⏚	4		GW 64 022	
			3P+ ⏚	4	GW 64 009		
			3P+ ⏚	4		GW 64 023	
		230 200 ÷ 250	2P+ ⏚	6	GW 64 010		
			3P+ ⏚	6		GW 64 024	
			3P+ ⏚	6	GW 64 011		
			3P+ ⏚	6		GW 64 025	
			3P+N+ ⏚	9	GW 64 012		
			3P+N+ ⏚	9		GW 64 026	
		400 380 ÷ 415	3P+ ⏚	9	GW 64 013		
			3P+N+ ⏚	6		GW 64 027	
			3P+N+ ⏚	6	GW 64 014		
			3P+N+ ⏚	6		GW 64 028	
	32	400 / 380 ÷ 415	3P+ ⏚	6			GW 64 068
With cable	16	110 110 ÷ 130	2P+ ⏚	4		GW 64 050	
			3P+ ⏚	4		GW 64 051	
		230 200 ÷ 250	2P+ ⏚	6		GW 64 052	
			3P+ ⏚	9		GW 64 053	
			3P+ ⏚	9		GW 64 054	
		400 380 ÷ 415	3P+ ⏚	6		GW 64 055	
			3P+ ⏚	6		GW 64 056	

MULTIPLE-OUTLET ADAPTERS								
INPUT					OUTPUTS			
					3 socket-outlets			
Nominal current In (A)	Nominal voltage Un (V)	No. poles	Ref. h	2P+ ⏚ 230 V~	3P+ ⏚ 400 V~	3P+N ⏚ 400 V~	Code
16	400 380 ÷ 415	3P+N+ ⏚	6	2x16A		1x16A	GW 64 059
				1x16A	1x16A	1x16A	GW 64 060
32	230 200 ÷ 250	2P+ ⏚	6	3x16A			GW 64 062
	400 380 ÷ 415	3P+N+ ⏚	6	1x16A	1x16A	1x16A	GW 64 063
				2x16A		1x32A	GW 64 064
				1x32A	1x32A	1x32A	GW 64 061
63	400 380 ÷ 415	3P+N+ ⏚	6	2x32A		1x63A	GW 64 065

CONVERSION ADAPTERS

INPUT					DOMESTIC SOCKET-OUTLET					INDUSTRIAL SOCKET-OUTLET
	Nominal current In (A)	Nominal Voltage Un (V~)	No. poles	Ref. h	No. 2 outputs 2P+ ⏚16A bival. (P17/P11)	No. 1 output 2P+ ⏚16A bival. (P30/P17	No. 1 output 2P+ ⏚10/16A German std.	N. 1 output 2P+ ⏚16A French std.	N. 1 output 2P+ ⏚13A English std.	2P+ ⏚16A 230V 6h
IEC 309 industrial plug	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 std.									GW 64 209

CONVERSION ADAPTER SHUNTS

INPUT					OUTPUT				Code
					INDUSTRIAL	DOMESTIC			
	Nominal current In (A)	Nominal Voltage Un (V~)	No. poles	Ref. h	IEC 309	No. 2 outlets 2P+ ⏚16A bival. (P17/P11)	No. 1 outlet 2P+ ⏚16A bival. (P30/P17)	No. 2 outlets 2P+ ⏚16A biv. (P17/P11) N. 1 outlet 2P+ ⏚16A biv. (P30/P17)	
IEC 309 industrial plug	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 64 226
					•		•		GW 64 227
					•	Fitted for No. 2 SYSTEM modules			GW 64 228
					•			•	GW 64 236
					•	Fitted for No. 2+2 SYSTEM modules			GW 64 237
Cable with IEC 309 plug		400 380 ÷ 415	3P+N+ ⏚	6	•			•	GW 64 256
Cable with IEC plug		230 200 ÷ 250	2P+ ⏚S17		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 socket-outlets, 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.