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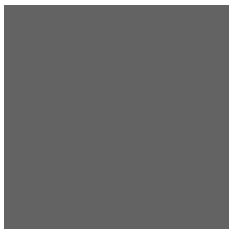
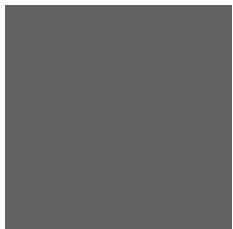
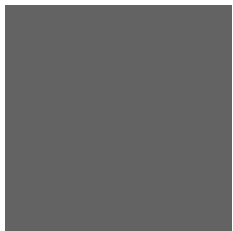
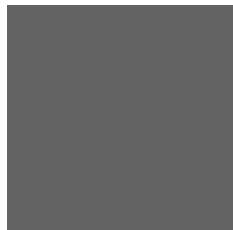
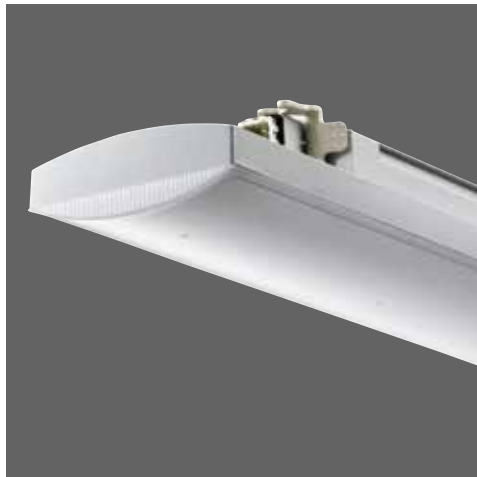




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IEC 309 HP

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

Rated current (In)	Rated Voltage (Un)	Frequency	Poles	Reference h	Straight plugs IP44/IP54		Straight plugs IP66/IP67/IP68/IP69	
								
					Fast wiring	Screw wiring	Fast wiring	Screw wiring
16 A	100 ÷ 130 V	50/60 Hz	2P+E	4	GW 60 001 FH	GW 60 001 H	GW 60 023 FH	GW 60 023 H
			3P+E	4	GW 60 002 FH	GW 60 002 H	GW 60 024 FH	GW 60 024 H
			3P+N+E	4	GW 60 003 FH	GW 60 003 H	GW 60 025 FH	GW 60 025 H
	200 ÷ 250 V	50/60 Hz	2P+E	6	GW 60 004 FH	GW 60 004 H	GW 60 026 FH	GW 60 026 H
			3P+E	9	GW 60 005 FH	GW 60 005 H GW 60 005 WH (*)	GW 60 027 FH	GW 60 027 H GW 60 027 WH (*)
			3P+N+E	9	GW 60 006 FH	GW 60 006 H GW 60 006 WH (*)	GW 60 028 FH	GW 60 028 H GW 60 028 WH (*)
	380 ÷ 415 V	50/60 Hz	2P+E	9	GW 60 007 FH	GW 60 007 H	GW 60 029 FH	GW 60 029 H
			3P+E	6	GW 60 008 FH	GW 60 008 H GW 60 008 WH (*)	GW 60 030 FH	GW 60 030 H GW 60 030 WH (*)
			3P+N+E	6	GW 60 009 FH	GW 60 009 H GW 60 009 WH (*)	GW 60 031 FH	GW 60 031 H GW 60 031 WH (*)
	480 ÷ 500 V	50/60 Hz	2P+E	7		GW 60 701 H		GW 60 735 H
			3P+E	7		GW 60 010 H		GW 60 032 H
			3P+N+E	7		GW 60 011 H		GW 60 033 H
	600 ÷ 690 V	50/60 Hz	3P+E	5		GW 60 702 H		GW 60 736 H
			3P+N+E	5		GW 60 703 H		GW 60 737 H
						GW 60 704 H		GW 60 738 H
	> 50 V	100 ÷ 300 Hz	2P+E	10		GW 60 705 H		GW 60 739 H
			3P+E	10		GW 60 706 H		GW 60 740 H
			3P+N+E	10		GW 60 707 H		GW 60 741 H
	> 50 V	> 300 ÷ 500 Hz	2P+E	2		GW 60 708 H		GW 60 742 H
			3P+E	2		GW 60 709 H		GW 60 743 H
3P+N+E			2		GW 60 710 H		GW 60 744 H	
440 ÷ 460 V	60 Hz	3P+E	11		GW 60 711 H		GW 60 745 H	
380 V / 440 V	50 Hz / 60 Hz	3P+E	3		GW 60 712 H		GW 60 746 H	
		3P+N+E	3		GW 60 713 H		GW 60 747 H	
transf.	50/60 Hz	2P+E	12		GW 60 714 H		GW 60 748 H	
> 50 ÷ 250V	dc	3P+E	12		GW 60 715 H		GW 60 749 H	
> 250V	dc	2P+E	3		GW 60 716 H		GW 60 750 H	
		2P+E	8		GW 60 717 H		GW 60 751 H	
32 A	100 ÷ 130 V	50/60 Hz	2P+E	4	GW 60 012 FH	GW 60 012 H	GW 60 034 FH	GW 60 034 H
			3P+E	4	GW 60 013 FH	GW 60 013 H	GW 60 035 FH	GW 60 035 H
			3P+N+E	4	GW 60 014 FH	GW 60 014 H	GW 60 036 FH	GW 60 036 H
	200 ÷ 250 V	50/60 Hz	2P+E	6	GW 60 015 FH	GW 60 015 H	GW 60 037 FH	GW 60 037 H
			3P+E	9	GW 60 016 FH	GW 60 016 H GW 60 016 WH (*)	GW 60 038 FH	GW 60 038 H GW 60 038 WH (*)
			3P+N+E	9	GW 60 017 FH	GW 60 017 H GW 60 017 WH (*)	GW 60 039 FH	GW 60 039 H GW 60 039 WH (*)
	380 ÷ 415 V	50/60 Hz	2P+E	9	GW 60 018 FH	GW 60 018 H	GW 60 040 FH	GW 60 040 H
			3P+E	6	GW 60 019 FH	GW 60 019 H GW 60 019 WH (*)	GW 60 041 FH	GW 60 041 H GW 60 041 WH (*)
			3P+N+E	6	GW 60 020 FH	GW 60 020 H GW 60 020 WH (*)	GW 60 042 FH	GW 60 042 H GW 60 042 WH (*)
	480 ÷ 500 V	50/60 Hz	2P+E	7		GW 60 718 H		GW 60 752 H
			3P+E	7		GW 60 021 H		GW 60 043 H
			3P+N+E	7		GW 60 022 H		GW 60 044 H
	600 ÷ 690 V	50/60 Hz	3P+E	5		GW 60 719 H		GW 60 753 H
			3P+N+E	5		GW 60 720 H		GW 60 754 H
						GW 60 721 H		GW 60 755 H
	> 50 V	100 ÷ 300 Hz	2P+E	10		GW 60 722 H		GW 60 756 H
			3P+E	10		GW 60 723 H		GW 60 757 H
			3P+N+E	10		GW 60 724 H		GW 60 758 H
	> 50 V	> 300 ÷ 500 Hz	2P+E	2		GW 60 725 H		GW 60 759 H
			3P+E	2		GW 60 726 H		GW 60 760 H
3P+N+E			2		GW 60 727 H		GW 60 761 H	
440 ÷ 460 V	60 Hz	3P+E	11		GW 60 728 H		GW 60 762 H	
380 V / 440 V	50 Hz / 60 Hz	3P+N+E	11		GW 60 729 H		GW 60 145 H	
		3P+E	3		GW 60 730 H		GW 60 763 H	
transf.	50/60 Hz	3P+N+E	3		GW 60 731 H		GW 60 764 H	
> 50 ÷ 250V	dc	2P+E	12		GW 60 732 H		GW 60 765 H	
> 250V	dc	3P+E	12		GW 60 733 H		GW 60 766 H	
		2P+E	3		GW 60 734 H		GW 60 767 H	

(*) Straight plugs with phase inverter

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

Straight connectors IP44/IP54		Straight connectors IP66/IP67/IP68/IP69		10° flush-mounting socket-outlets IP44/IP45		10° flush-mounting socket-outlets IP66/IP67		APPLICATIONS	
Fast wiring	Screw wiring	Fast wiring	Screw wiring	Fast wiring	Screw wiring	Fast wiring	Screw wiring		
GW 62 001 FH	GW 62 001 H	GW 62 023 FH	GW 62 023 H	GW 62 201 FH	GW 62 201 H	GW 62 224 FH	GW 62 224 H	Standard use	
GW 62 002 FH	GW 62 002 H	GW 62 024 FH	GW 62 024 H	GW 62 202 FH	GW 62 202 H	GW 62 225 FH	GW 62 225 H		
GW 62 003 FH	GW 62 003 H	GW 62 025 FH	GW 62 025 H	GW 62 203 FH	GW 62 203 H	GW 62 226 FH	GW 62 226 H		
GW 62 004 FH	GW 62 004 H	GW 62 026 FH	GW 62 026 H	GW 62 205 FH	GW 62 205 H (**)	GW 62 227 FH	GW 62 227 H		
GW 62 005 FH	GW 62 005 H	GW 62 027 FH	GW 62 027 H	GW 62 206 FH	GW 62 206 H	GW 62 228 FH	GW 62 228 H		
GW 62 006 FH	GW 62 006 H	GW 62 028 FH	GW 62 028 H	GW 62 207 FH	GW 62 207 H	GW 62 229 FH	GW 62 229 H		
GW 62 007 FH	GW 62 007 H	GW 62 029 FH	GW 62 029 H	GW 62 208 FH	GW 62 208 H	GW 62 230 FH	GW 62 230 H		
GW 62 008 FH	GW 62 008 H	GW 62 030 FH	GW 62 030 H	GW 62 209 FH	GW 62 209 H	GW 62 231 FH	GW 62 231 H		
GW 62 009 FH	GW 62 009 H	GW 62 031 FH	GW 62 031 H	GW 62 210 FH	GW 62 210 H	GW 62 232 FH	GW 62 232 H		
	GW 62 701 H		GW 62 735 H		GW 62 801 H		GW 62 835 H	Use with particular voltage	
	GW 62 010 H		GW 62 032 H		GW 62 211 H		GW 62 233 H		
	GW 62 011 H		GW 62 033 H		GW 62 212 H		GW 62 234 H		
	GW 62 702 H		GW 62 736 H		GW 62 802 H		GW 62 836 H		
	GW 62 703 H		GW 62 737 H		GW 62 803 H		GW 62 837 H	Use with high frequencies	
	GW 62 704 H		GW 62 738 H		GW 62 804 H		GW 62 838 H		
	GW 62 705 H		GW 62 739 H		GW 62 805 H		GW 62 839 H		
	GW 62 706 H		GW 62 740 H		GW 62 806 H		GW 62 840 H		
	GW 62 707 H		GW 62 741 H		GW 62 807 H		GW 62 841 H		
	GW 62 708 H		GW 62 742 H		GW 62 808 H		GW 62 842 H		
	GW 62 709 H		GW 62 743 H		GW 62 809 H		GW 62 843 H		
	GW 62 710 H		GW 62 744 H		GW 62 810 H		GW 62 844 H	Marine, port and naval, installations	
	GW 62 711 H		GW 62 745 H		GW 62 811 H		GW 62 845 H		
	GW 62 712 H		GW 62 746 H		GW 62 812 H		GW 62 846 H	Refrigeration containers	
	GW 62 713 H		GW 62 747 H		GW 62 813 H		GW 62 847 H		
	GW 62 714 H		GW 62 748 H		GW 62 814 H		GW 62 848 H	Isolation transformers	
	GW 62 715 H		GW 62 749 H		GW 62 815 H		GW 62 849 H		
	GW 62 716 H		GW 62 750 H		GW 62 816 H		GW 62 850 H	Use in direct current	
	GW 62 717 H		GW 62 751 H		GW 62 817 H		GW 62 851 H		
GW 62 012 FH	GW 62 012 H	GW 62 034 FH	GW 62 034 H	GW 62 213 FH	GW 62 213 H	GW 62 235 FH	GW 62 235 H	Standard use	
GW 62 013 FH	GW 62 013 H	GW 62 035 FH	GW 62 035 H	GW 62 214 FH	GW 62 214 H	GW 62 236 FH	GW 62 236 H		
GW 62 014 FH	GW 62 014 H	GW 62 036 FH	GW 62 036 H	GW 62 215 FH	GW 62 215 H	GW 62 237 FH	GW 62 237 H		
GW 62 015 FH	GW 62 015 H	GW 62 037 FH	GW 62 037 H	GW 62 216 FH	GW 62 216 H	GW 62 238 FH	GW 62 238 H		
GW 62 016 FH	GW 62 016 H	GW 62 038 FH	GW 62 038 H	GW 62 217 FH	GW 62 217 H	GW 62 239 FH	GW 62 239 H	Standard use	
GW 62 017 FH	GW 62 017 H	GW 62 039 FH	GW 62 039 H	GW 62 218 FH	GW 62 218 H	GW 62 240 FH	GW 62 240 H		
GW 62 018 FH	GW 62 018 H	GW 62 040 FH	GW 62 040 H	GW 62 219 FH	GW 62 219 H	GW 62 241 FH	GW 62 241 H		
GW 62 019 FH	GW 62 019 H	GW 62 041 FH	GW 62 041 H	GW 62 220 FH	GW 62 220 H	GW 62 242 FH	GW 62 242 H		
GW 62 020 FH	GW 62 020 H	GW 62 042 FH	GW 62 042 H	GW 62 221 FH	GW 62 221 H	GW 62 243 FH	GW 62 243 H		
	GW 62 718 H		GW 62 752 H		GW 62 818 H		GW 62 852 H		Use with particular voltage
	GW 62 021 H		GW 62 043 H		GW 62 222 H		GW 62 244 H		
	GW 62 022 H		GW 62 044 H		GW 62 223 H		GW 62 245 H		
	GW 62 719 H		GW 62 753 H		GW 62 819 H		GW 62 853 H		
	GW 62 720 H		GW 62 754 H		GW 62 820 H		GW 62 854 H	Use with high frequencies	
	GW 62 721 H		GW 62 755 H		GW 62 821 H		GW 62 855 H		
	GW 62 722 H		GW 62 756 H		GW 62 822 H		GW 62 856 H		
	GW 62 723 H		GW 62 757 H		GW 62 823 H		GW 62 857 H		
	GW 62 724 H		GW 62 758 H		GW 62 824 H		GW 62 858 H		
	GW 62 725 H		GW 62 759 H		GW 62 825 H		GW 62 859 H		
	GW 62 726 H		GW 62 760 H		GW 62 826 H		GW 62 860 H		
	GW 62 727 H		GW 62 761 H		GW 62 827 H		GW 62 861 H	Marine, port and naval, installations	
	GW 62 728 H		GW 62 762 H		GW 62 828 H		GW 62 862 H		
	GW 62 729 H		GW 62 128 H		GW 62 829 H		GW 62 283 H	Refrigeration containers	
	GW 62 730 H		GW 62 763 H		GW 62 830 H		GW 62 863 H		
	GW 62 731 H		GW 62 764 H		GW 62 831 H		GW 62 864 H	Isolation transformers	
	GW 62 732 H		GW 62 765 H		GW 62 832 H		GW 62 865 H		
	GW 62 733 H		GW 62 766 H		GW 62 833 H		GW 62 866 H	Use in direct current	
	GW 62 734 H		GW 62 767 H		GW 62 834 H		GW 62 867 H		





(**) APPLICATION: GW62204, cap of reduced dimensions (62 x 62mm) for use in restricted spaces..

IEC 309 HP





63A AND 125A LOW VOLTAGE INDUSTRIAL PLUGS AND SOCKET-OUTLETS IEC 309 STANDARDS - IEC 309 HP

Rated current (In)	Rated voltage (Un)	Frequency	Poles	Reference h	Straight mobile plugs IP44/IP54	Straight mobile plugs IP66/IP67/IP68/IP69
					 Mantle connection	 Mantle connection
63 A	100 ÷ 130 V	50/60 Hz	2P+E	4	GW 61 013 H	GW 61 045 H
			3P+E	4	GW 61 014 H	GW 61 046 H
			3P+N+E	4	GW 61 015 H	GW 61 047 H
	200 ÷ 250 V	50/60 Hz	2P+E	6	GW 61 016 H	GW 61 048 H
			3P+E	9	GW 61 017 H	GW 61 049 H
			3P+N+E	9	GW 61 018 H	GW 61 050 H
	380 ÷ 415 V	50/60 Hz	2P+E	9	GW 61 019 H	GW 61 051 H
			3P+E	6	GW 61 020 H	GW 61 052 H
	480 ÷ 500 V	50/60 Hz	3P+N+E	6	GW 61 021 H	GW 61 053 H
			2P+E	7		GW 61 056 H
			3P+E	7		GW 61 054 H
	600 ÷ 690 V	50/60 Hz	3P+N+E	7		GW 61 055 H
			3P+E	5		GW 61 057 H
			3P+N+E	5		GW 61 058 H
	> 50 V	100 ÷ 300 Hz	2P+E	10		GW 61 059 H
			3P+E	10		GW 61 060 H
			3P+N+E	10		GW 61 061 H
	> 50 V	> 300 ÷ 500 Hz	2P+E	2		GW 61 062 H
3P+E			2		GW 61 063 H	
3P+N+E			2		GW 61 064 H	
440 ÷ 460 V	60 Hz	3P+E	11		GW 61 065 H	
> 50 ÷ 250V	dc	3P+N+E	11		GW 61 066 H	
> 250V	dc	2P+E	3		GW 61 067 H	
		2P+E	8		GW 61 068 H	
125 A	100 ÷ 130 V	50/60 Hz	2P+E	4		GW 60 664 H
			3P+E	4		GW 60 056 H
			3P+N+E	4		GW 60 057 H
	200 ÷ 250 V	50/60 Hz	2P+E	6		GW 60 665 H
			3P+E	9		GW 60 058 H
			3P+N+E	9		GW 60 059 H
	380 ÷ 415 V	50/60 Hz	2P+E	9		GW 60 666 H
			3P+E	6		GW 60 060 H
	480 ÷ 500 V	50/60 Hz	3P+N+E	6		GW 60 061 H
			2P+E	7		GW 60 667 H
			3P+E	7		GW 60 062 H
	600 ÷ 690 V	50/60 Hz	3P+N+E	7		GW 60 063 H
			3P+E	5		GW 60 668 H
			3P+N+E	5		GW 60 669 H
	> 50 V	100 ÷ 300 Hz	2P+E	10		GW 60 670 H
			3P+E	10		GW 60 671 H
			3P+N+E	10		GW 60 672 H
	> 50 V	> 300 ÷ 500 Hz	2P+E	2		GW 60 673 H
3P+E			2		GW 60 674 H	
3P+N+E			2		GW 60 675 H	
440 ÷ 460 V	60 Hz	3P+E	11		GW 60 676 H	
		3P+N+E	11		GW 60 677 H	


Notes: all plugs are equipped with pilot contact.
 (*) Connectors equipped with pilot contact (screw wiring);
 (**) Connectors equipped with clean contact.

Straight mobile connectors IP44/IP54 	Straight connectors IP66/IP67/IP68/IP69 	10° fixed flush-mounting socket-outlets IP44/IP54 	10° fixed flush-mounting socket-outlets IP66/IP67 	APPLICATIONS	
Mantle connection	Mantle connection	Mantle connection	Mantle connection	Standard use	
GW 63 013 H	GW 63 045 H	GW 63 213 H	GW 63 246 H		
GW 63 014 H	GW 63 046 H	GW 63 214 H	GW 63 247 H		
GW 63 015 H	GW 63 047 H	GW 63 215 H	GW 63 248 H		
GW 63 016 H	GW 63 048 H	GW 63 216 H	GW 63 249 H		
GW 63 017 H	GW 63 048 PH*		GW 63 249 PH*		
GW 63 018 H	GW 63 049 H	GW 63 217 H	GW 63 250 H		
GW 63 019 H	GW 63 050 H	GW 63 218 H	GW 63 251 H		
GW 63 020 H	GW 63 051 H	GW 63 219 H	GW 63 252 H		
	GW 63 052 H		GW 63 253 H		
GW 63 021 H	GW 63 052 PH*	GW 63 220 H	GW 63 253 PH*		
	GW 63 053 H		GW 63 254 H		
	GW 63 053 PH*		GW 63 254 PH*		
	GW 63 054 H	GW 63 221 H	GW 63 254 H		Use with particular voltage
	GW 63 055 H		GW 63 255 H		
	GW 63 056 H		GW 63 256 H		
	GW 63 057 H		GW 63 257 H		
	GW 63 058 H		GW 63 258 H		
	GW 63 059 H		GW 63 259 H		
	GW 63 060 H		GW 63 260 H		
	GW 63 061 H	GW 63 261 H	Use with high frequencies		
	GW 63 062 H	GW 63 262 H			
	GW 63 063 H	GW 63 263 H			
	GW 63 064 H	GW 63 264 H			
	GW 63 065 H	GW 63 265 H			
	GW 63 066 H	GW 63 266 H	Marine, port and naval, installations		
	GW 63 067 H	GW 63 267 H			
	GW 63 068 H	GW 63 268 H	Use in direct current		
	GW 63 069 H	GW 63 269 H			
	GW 62 664 H	GW 62 965 H	Standard use		
	GW 62 056 H	GW 62 966 H			
	GW 62 057 H	GW 62 967 H			
	GW 62 665 H	GW 62 257 H			
	GW 62 058 H	GW 62 258 H			
	GW 62 059 H	GW 62 259 H			
	GW 62 666 H	GW 62 260 H			
	GW 62 060 H	GW 62 261 H			
	GW 62 060 PH*	GW 62 261 PH*			
	GW 62 061 H	GW 68 785**			
	GW 62 061 PH*	GW 62 262 H			
	GW 62 667 H	GW 62 262 PH*			
	GW 62 062 H	GW 68 786**	Use with particular voltage		
	GW 62 063 H	GW 62 968 H			
	GW 62 668 H	GW 62 263 H			
	GW 62 669 H	GW 62 264 H			
	GW 62 670 H	GW 62 264 H			
	GW 62 671 H	GW 62 969 H	Use with high frequencies		
	GW 62 672 H	GW 62 970 H			
	GW 62 673 H	GW 62 971 H			
	GW 62 674 H	GW 62 972 H			
	GW 62 675 H	GW 62 973 H			
	GW 62 676 H	GW 62 974 H			
	GW 62 677 H	GW 62 975 H			
		GW 62 976 H	Marine, port and naval, installations		
		GW 62 977 H			
		GW 62 978 H			







IEC 309 HP

16-32-63-125A LOW VOLTAGE INDUSTRIAL PLUGS AND SOCKET-OUTLETS COMPLYING WITH IEC 309 STANDARDS								
Rated current (In)	Rated voltage (Un)	Frequency	Poles	Reference h	90° plugs IP44	90° plugs IP67	Straight flush-mounting inlets IP44	Straight flush-mounting inlets IP67
								
					Screw wiring	Screw wiring	Screw wiring	Screw wiring
16 A	100 ÷ 130 V	50/60 Hz	2P+E	4	GW 60 082	GW 60 105	GW 60 201	GW 60 223
			3P+E	4	GW 60 083	GW 60 106	GW 60 202	GW 60 224
			3P+N+E	4	GW 60 084	GW 60 107	GW 60 203	GW 60 225
	200 ÷ 250 V	50/60 Hz	2P+E	6	GW 60 085	GW 60 108	GW 60 204	GW 60 226
			3P+E	9	GW 60 086	GW 60 109	GW 60 205	GW 60 227
			3P+N+E	9	GW 60 087	GW 60 110	GW 60 206	GW 60 228
	380 ÷ 415 V	50/60 Hz	2P+E	9	GW 60 088	GW 60 111	GW 60 207	GW 60 229
			3P+E	6	GW 60 089	GW 60 112	GW 60 208	GW 60 230
			3P+N+E	6	GW 60 090	GW 60 113	GW 60 209	GW 60 231
	480 ÷ 500 V	50/60 Hz	3P+E	7	GW 60 091	GW 60 114	GW 60 210	GW 60 232
			3P+N+E	7	GW 60 092	GW 60 115	GW 60 211	GW 60 233
32 A	100 ÷ 130 V	50/60 Hz	2P+E	4	GW 60 093	GW 60 116	GW 60 212	GW 60 234
			3P+E	4	GW 60 094	GW 60 117	GW 60 213	GW 60 235
			3P+N+E	4	GW 60 095	GW 60 118	GW 60 214	GW 60 236
	200 ÷ 250 V	50/60 Hz	2P+E	6	GW 60 096	GW 60 119	GW 60 215	GW 60 237
			3P+E	9	GW 60 097	GW 60 120	GW 60 216	GW 60 238
			3P+N+E	9	GW 60 098	GW 60 121	GW 60 217	GW 60 239
	380 ÷ 415 V	50/60 Hz	2P+E	9	GW 60 099	GW 60 122	GW 60 218	GW 60 240
			3P+E	6	GW 60 101	GW 60 123	GW 60 219	GW 60 241
			3P+N+E	6	GW 60 102	GW 60 124	GW 60 220	GW 60 242
	480 ÷ 500 V	50/60 Hz	3P+E	7	GW 60 103	GW 60 125	GW 60 221	GW 60 243
			3P+N+E	7	GW 60 104	GW 60 126	GW 60 222	GW 60 244
380 V / 440 V	50 Hz / 60 Hz	3P+E	3		GW 60 146		GW 60 268	
63 A	100 ÷ 130 V	50/60 Hz	2P+E	4				
			3P+E	4				
			3P+N+E	4				
	200 ÷ 250 V	50/60 Hz	2P+E	6				
			3P+E	9				
			3P+N+E	9				
	380 ÷ 415 V	50/60 Hz	2P+E	9				
			3P+E	6				
			3P+N+E	6				
	480 ÷ 500 V	50/60 Hz	3P+E	7				
			3P+N+E	7				
125 A	100 ÷ 130 V	50/60 Hz	2P+E	4				
			3P+E	4				
			3P+N+E	4				
	200 ÷ 250 V	50/60 Hz	2P+E	6				
			3P+E	9				
			3P+N+E	9				
	380 ÷ 415 V	50/60 Hz	2P+E	9				
			3P+E	6				
			3P+N+E	6				
	480 ÷ 500 V	50/60 Hz	3P+E	7				
			3P+N+E	7				

DOMESTIC SOCKET OUTLETS - IP54

	Description	Rated current (In)	Rated voltage (Un)	Poles	Dimensions (mm)	Code
	Domestic socket-outlets, German standard - IP54	16 A	230V	2P+E	85x75	GW 62 392
	Domestic socket-outlets, German standard - IP54	16 A	230V	2P+E	50x50	GW 62 393
	Domestic socket-outlets, French standard - IP54	16 A	230V	2P+E	50x50	GW 62 394

16-32-63-125A LOW VOLTAGE INDUSTRIAL PLUGS AND SOCKET-OUTLETS COMPLYING WITH IEC 309 STANDARDS

90° surface-mounting inlets IP44	90° surface-mounting inlets IP67	10° surface-mounting socket-outlets IP44	10° surface-mounting socket-outlets IP67	90° surface-mounting socket-outlets IP44	90° surface-mounting socket-outlets IP67	APPLICATIONS
						
Screw wiring	Screw wiring	Screw wiring	Screw wiring	Screw wiring	Screw wiring	
GW 60 401	GW 60 423	GW 62 401	GW 62 423	GW 62 474	GW 62 496	Standard use
GW 60 402	GW 60 424	GW 62 402	GW 62 424	GW 62 475	GW 62 497	
GW 60 403	GW 60 425	GW 62 403	GW 62 425	GW 62 476	GW 62 498	
GW 60 404	GW 60 426	GW 62 404	GW 62 426	GW 62 477	GW 62 499	
GW 60 405	GW 60 427	GW 62 405	GW 62 427	GW 62 478	GW 62 501	
GW 60 406	GW 60 428	GW 62 406	GW 62 428	GW 62 479	GW 62 502	
GW 60 407	GW 60 429	GW 62 407	GW 62 429	GW 62 480	GW 62 503	
GW 60 408	GW 60 430	GW 62 408	GW 62 430	GW 62 481	GW 62 504	
GW 60 409	GW 60 431	GW 62 409	GW 62 431	GW 62 482	GW 62 505	
GW 60 410	GW 60 432	GW 62 410	GW 62 432	GW 62 483	GW 62 506	
GW 60 411	GW 60 433	GW 62 411	GW 62 433	GW 62 484	GW 62 507	Standard use
GW 60 412	GW 60 434	GW 62 412	GW 62 434	GW 62 485	GW 62 508	
GW 60 413	GW 60 435	GW 62 413	GW 62 435	GW 62 486	GW 62 509	
GW 60 414	GW 60 436	GW 62 414	GW 62 436	GW 62 487	GW 62 510	
GW 60 415	GW 60 437	GW 62 415	GW 62 437	GW 62 488	GW 62 511	
GW 60 416	GW 60 438	GW 62 416	GW 62 438	GW 62 489	GW 62 512	
GW 60 417	GW 60 439	GW 62 417	GW 62 439	GW 62 490	GW 62 513	
GW 60 418	GW 60 440	GW 62 418	GW 62 440	GW 62 491	GW 62 514	
GW 60 419	GW 60 441	GW 62 419	GW 62 441	GW 62 492	GW 62 515	
GW 60 420	GW 60 442	GW 62 420	GW 62 442	GW 62 493	GW 62 516	
GW 60 421	GW 60 443	GW 62 421	GW 62 443	GW 62 494	GW 62 517	Refrigeration containers
GW 60 422	GW 60 444	GW 62 422	GW 62 444	GW 62 495	GW 62 518	
	GW 60 482		GW 62 556		GW 62 557	Standard use
	GW 61 445		GW 63 445		GW 63 519	
	GW 61 446		GW 63 446		GW 63 520	
	GW 61 447		GW 63 447		GW 63 521	
	GW 61 448		GW 63 448		GW 63 522	
	GW 61 449		GW 63 449		GW 63 523	
	GW 61 450		GW 63 450		GW 63 524	
	GW 61 451		GW 63 451		GW 63 525	
	GW 61 452		GW 63 452		GW 63 526	
	GW 61 453		GW 63 453		GW 63 527	
	GW 61 454		GW 63 454		GW 63 528	Use with particular voltage
	GW 61 455		GW 63 455		GW 63 529	Standard use
	GW 60 456				GW 62 530	
	GW 60 457				GW 62 531	
	GW 60 458				GW 62 532	
	GW 60 459				GW 62 533	
	GW 60 460				GW 62 534	
	GW 60 461				GW 62 535	
	GW 60 462				GW 62 536	
	GW 60 463				GW 62 537	

IEC 309 HP

Plugs and socket-outlets IEC 309 standard

The IEC 309 HP system comprises plugs and socket-outlets from 16 to 125 A in two different versions – straight mobile and 10° flush-mounting – which have IP44/IP54 and IP66/IP67/IP68/IP69 degrees of protection (IP68/IP69 only available for straight versions). The introduction of all the hours references for the earthing contact completes the range for specific applications and installations. The 16-32 A versions are available with scew wiring or fast wiring with spring terminals, while the 63-125A versions propose indirect wiring with mantle terminals.

Technical characteristics page 869



IEC 309 HP - LOW VOLTAGE FAST WIRING STRAIGHT PLUGS

IP44/IP54



GW 60 004 FH

LOW VOLTAGE FAST WIRING STRAIGHT PLUGS - HIGH PERFORMANCE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 60 001 FH	2P+E	100-130 V	■	50/60 Hz	4	25
GW 60 002 FH	3P+E	100-130 V	■	50/60 Hz	4	15
GW 60 003 FH	3P+N+E	100-130 V	■	50/60 Hz	4	50
GW 60 004 FH	2P+E	200-250 V	■	50/60 Hz	6	50
GW 60 005 FH	3P+E	200-250 V	■	50/60 Hz	9	15
GW 60 006 FH	3P+N+E	200-250 V	■	50/60 Hz	9	15
GW 60 007 FH	2P+E	380-415 V	■	50/60 Hz	9	15
GW 60 008 FH	3P+E	380-415 V	■	50/60 Hz	6	25
GW 60 009 FH	3P+N+E	380-415 V	■	50/60 Hz	6	50
Rated current (A): 32						
GW 60 012 FH	2P+E	100-130 V	■	50/60 Hz	4	15
GW 60 013 FH	3P+E	100-130 V	■	50/60 Hz	4	15
GW 60 014 FH	3P+N+E	100-130 V	■	50/60 Hz	4	15
GW 60 015 FH	2P+E	200-250 V	■	50/60 Hz	6	15
GW 60 016 FH	3P+E	200-250 V	■	50/60 Hz	9	15
GW 60 017 FH	3P+N+E	200-250 V	■	50/60 Hz	9	15
GW 60 018 FH	2P+E	380-415 V	■	50/60 Hz	9	15
GW 60 019 FH	3P+E	380-415 V	■	50/60 Hz	6	15
GW 60 020 FH	3P+N+E	380-415 V	■	50/60 Hz	6	15

NOTES: all products are packaged individually.

Halogen free according to EN 60754-2.

CHARACTERISTICS: connection technology with spring terminals. Nickel-plated pins.

IP66/IP67/IP68/IP69



GW 60 030 FH

LOW VOLTAGE FAST WIRING STRAIGHT PLUGS - HIGH PERFORMANCE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 60 023 FH	2P+E	100-130 V	■	50/60 Hz	4	15
GW 60 024 FH	3P+E	100-130 V	■	50/60 Hz	4	15
GW 60 025 FH	3P+N+E	100-130 V	■	50/60 Hz	4	15
GW 60 026 FH	2P+E	200-250 V	■	50/60 Hz	6	50
GW 60 027 FH	3P+E	200-250 V	■	50/60 Hz	9	15
GW 60 028 FH	3P+N+E	200-250 V	■	50/60 Hz	9	15
GW 60 029 FH	2P+E	380-415 V	■	50/60 Hz	9	15
GW 60 030 FH	3P+E	380-415 V	■	50/60 Hz	6	15
GW 60 031 FH	3P+N+E	380-415 V	■	50/60 Hz	6	25
Rated current (A): 32						
GW 60 034 FH	2P+E	100-130 V	■	50/60 Hz	4	15
GW 60 035 FH	3P+E	100-130 V	■	50/60 Hz	4	15
GW 60 036 FH	3P+N+E	100-130 V	■	50/60 Hz	4	15
GW 60 037 FH	2P+E	200-250 V	■	50/60 Hz	6	15
GW 60 038 FH	3P+E	200-250 V	■	50/60 Hz	9	15
GW 60 039 FH	3P+N+E	200-250 V	■	50/60 Hz	9	15
GW 60 040 FH	2P+E	380-415 V	■	50/60 Hz	9	15
GW 60 041 FH	3P+E	380-415 V	■	50/60 Hz	6	15
GW 60 042 FH	3P+N+E	380-415 V	■	50/60 Hz	6	15

NOTES: all products are packaged individually.
 IP68: 2 bar/6 h in accordance with EN 60529 after ageing according to standard EN 60309.
 IP69: in accordance with EN 60529 after ageing according to standard EN 60309.
 Halogen-free in compliance with EN 60754-2.

CHARACTERISTICS: connection technology with spring terminals. Nickel-plated plugs.

IEC 309 HP

IEC 309 HP - LOW VOLTAGE SCREW WIRING STRAIGHT PLUGS

IP44/IP54



GW 60 004 H

LOW VOLTAGE SCREW WIRING STRAIGHT PLUGS - HIGH PERFORMANCE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 60 001 H	2P+E	100 - 130 V	■	50/60 Hz	4	50
GW 60 002 H	3P+E	100 - 130 V	■	50/60 Hz	4	100
GW 60 003 H	3P+N+E	100 - 130 V	■	50/60 Hz	4	15
GW 60 004 H	2P+E	200 - 250 V	■	50/60 Hz	6	100
GW 60 005 H	3P+E	200 - 250 V	■	50/60 Hz	9	25
GW 60 006 H	3P+N+E	200 - 250 V	■	50/60 Hz	9	15
GW 60 007 H	2P+E	380 - 415 V	■	50/60 Hz	9	15
GW 60 008 H	3P+E	380 - 415 V	■	50/60 Hz	6	100
GW 60 009 H	3P+N+E	380 - 415 V	■	50/60 Hz	6	50
GW 60 701 H	2P+E	480 - 500 V	■	50/60 Hz	7	15
GW 60 010 H	3P+E	480 - 500 V	■	50/60 Hz	7	15
GW 60 011 H	3P+N+E	480 - 500 V	■	50/60 Hz	7	15
GW 60 702 H	3P+E	600 - 690 V	■	50/60 Hz	5	15
GW 60 703 H	3P+N+E	600 - 690 V	■	50/60 Hz	5	15
GW 60 704 H	2P+E	>50 V	■	100 - 300 Hz	10	15
GW 60 704 H	2P+E	>50 V	■	100 - 300 Hz	10	15
GW 60 705 H	3P+E	>50 V	■	100 - 300 Hz	10	15
GW 60 705 H	3P+E	>50 V	■	100 - 300 Hz	10	15
GW 60 706 H	3P+N+E	>50 V	■	100 - 300 Hz	10	15
GW 60 706 H	3P+N+E	>50 V	■	100 - 300 Hz	10	15
GW 60 707 H	2P+E	>50 V	■	>300 - 500 Hz	2	15
GW 60 708 H	3P+E	>50 V	■	>300 - 500 Hz	2	15
GW 60 709 H	3P+N+E	>50 V	■	>300 - 500 Hz	2	15
GW 60 710 H	3P+E	440 - 460 V	■	60 Hz	11	15
GW 60 711 H	3P+N+E	440 - 460 V	■	60 Hz	11	15
GW 60 712 H	3P+E	380 - 440 V	■	50/60 Hz	3	15
GW 60 712 H	3P+E	380 - 440 V	■	50/60 Hz	3	15
GW 60 713 H	3P+N+E	380 - 440 V	■	50/60 Hz	3	15
GW 60 713 H	3P+N+E	380 - 440 V	■	50/60 Hz	3	15
GW 60 714 H	2P+E	transf.	■	50/60 Hz	12	15
GW 60 714 H	2P+E	transf.	■	50/60 Hz	12	15
GW 60 715 H	3P+E	transf.	■	50/60 Hz	12	15
GW 60 715 H	3P+E	transf.	■	50/60 Hz	12	15
GW 60 716 H	2P+E	>50 - 250 V	■	d.c.	3	15
GW 60 717 H	2P+E	>250 V	■	d.c.	8	15
Rated current (A): 16						
GW 60 012 H	2P+E	100 - 130 V	■	50/60 Hz	4	15
GW 60 013 H	3P+E	100 - 130 V	■	50/60 Hz	4	15
GW 60 014 H	3P+N+E	100 - 130 V	■	50/60 Hz	4	15
GW 60 015 H	2P+E	200 - 250 V	■	50/60 Hz	6	25
GW 60 016 H	3P+E	200 - 250 V	■	50/60 Hz	9	50
GW 60 017 H	3P+N+E	200 - 250 V	■	50/60 Hz	9	15
GW 60 018 H	2P+E	380 - 415 V	■	50/60 Hz	9	15
GW 60 019 H	3P+E	380 - 415 V	■	50/60 Hz	6	50
GW 60 020 H	3P+N+E	380 - 415 V	■	50/60 Hz	6	50
GW 60 718 H	2P+E	480 - 500 V	■	50/60 Hz	7	15
GW 60 021 H	3P+E	480 - 500 V	■	50/60 Hz	7	15
GW 60 022 H	3P+N+E	480 - 500 V	■	50/60 Hz	7	15
GW 60 719 H	3P+E	600 - 690 V	■	50/60 Hz	5	15
GW 60 720 H	3P+N+E	600 - 690 V	■	50/60 Hz	5	15
GW 60 721 H	2P+E	>50 V	■	100 - 300 Hz	10	15
GW 60 721 H	2P+E	>50 V	■	100 - 300 Hz	10	15
GW 60 722 H	3P+E	>50 V	■	100 - 300 Hz	10	15
GW 60 722 H	3P+E	>50 V	■	100 - 300 Hz	10	15
GW 60 723 H	3P+N+E	>50 V	■	100 - 300 Hz	10	15
GW 60 723 H	3P+N+E	>50 V	■	100 - 300 Hz	10	15
GW 60 724 H	2P+E	>50 V	■	>300 - 500 Hz	2	15
GW 60 725 H	3P+E	>50 V	■	>300 - 500 Hz	2	15
GW 60 726 H	3P+N+E	>50 V	■	>300 - 500 Hz	2	15
GW 60 727 H	3P+E	440 - 460 V	■	60 Hz	11	15
GW 60 728 H	3P+N+E	440 - 460 V	■	60 Hz	11	15
GW 60 729 H	3P+E	380 - 440 V	■	50/60 Hz	3	15
GW 60 729 H	3P+E	380 - 440 V	■	50/60 Hz	3	15
GW 60 730 H	3P+N+E	380 - 440 V	■	50/60 Hz	3	15
GW 60 730 H	3P+N+E	380 - 440 V	■	50/60 Hz	3	15
GW 60 731 H	2P+E	transf.	■	50/60 Hz	12	15
GW 60 731 H	2P+E	transf.	■	50/60 Hz	12	15
GW 60 732 H	3P+E	transf.	■	50/60 Hz	12	15
GW 60 732 H	3P+E	transf.	■	50/60 Hz	12	15
GW 60 733 H	2P+E	>50 - 250 V	■	d.c.	3	15
GW 60 734 H	2P+E	>250 V	■	d.c.	8	15

NOTES: all products are packaged individually. Halogen free according to EN 60754-2.

CHARACTERISTICS: nickel-plated pins.

IP66/IP67/IP68/IP69



GW 60 030 H

LOW VOLTAGE SCREW WIRING STRAIGHT PLUGS - HIGH PERFORMANCE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 60 023 H	2P+E	100 - 130 V	Yellow	50/60 Hz	4	25
GW 60 024 H	3P+E	100 - 130 V	Yellow	50/60 Hz	4	15
GW 60 025 H	3P+N+E	100 - 130 V	Yellow	50/60 Hz	4	15
GW 60 026 H	2P+E	200 - 250 V	Blue	50/60 Hz	6	100
GW 60 027 H	3P+E	200 - 250 V	Blue	50/60 Hz	9	15
GW 60 028 H	3P+N+E	200 - 250 V	Blue	50/60 Hz	9	15
GW 60 029 H	2P+E	380 - 415 V	Red	50/60 Hz	9	15
GW 60 030 H	3P+E	380 - 415 V	Red	50/60 Hz	6	25
GW 60 031 H	3P+N+E	380 - 415 V	Red	50/60 Hz	6	25
GW 60 735 H	2P+E	480 - 500 V	Black	50/60 Hz	7	15
GW 60 032 H	3P+E	480 - 500 V	Black	50/60 Hz	7	15
GW 60 033 H	3P+N+E	480 - 500 V	Black	50/60 Hz	7	15
GW 60 736 H	3P+E	600 - 690 V	Black	50/60 Hz	5	15
GW 60 737 H	3P+N+E	600 - 690 V	Black	50/60 Hz	5	15
GW 60 738 H	2P+E	>50 V	Green	100 - 300 Hz	10	15
GW 60 738 H	2P+E	>50 V	Green	100 - 300 Hz	10	15
GW 60 739 H	3P+E	>50 V	Green	100 - 300 Hz	10	15
GW 60 739 H	3P+E	>50 V	Green	100 - 300 Hz	10	15
GW 60 739 H	3P+E	>50 V	Green	100 - 300 Hz	10	15
GW 60 740 H	3P+N+E	>50 V	Green	100 - 300 Hz	10	15
GW 60 740 H	3P+N+E	>50 V	Green	100 - 300 Hz	10	15
GW 60 741 H	2P+E	>50 V	Green	>300 - 500 Hz	2	15
GW 60 742 H	3P+E	>50 V	Green	>300 - 500 Hz	2	15
GW 60 743 H	3P+N+E	>50 V	Green	>300 - 500 Hz	2	15
GW 60 744 H	3P+E	440 - 460 V	Red	60 Hz	11	15
GW 60 745 H	3P+N+E	440 - 460 V	Red	60 Hz	11	15
GW 60 746 H	3P+E	380 - 440 V	Red	50/60 Hz	3	15
GW 60 746 H	3P+E	380 - 440 V	Red	50/60 Hz	3	15
GW 60 747 H	3P+N+E	380 - 440 V	Red	50/60 Hz	3	15
GW 60 747 H	3P+N+E	380 - 440 V	Red	50/60 Hz	3	15
GW 60 748 H	2P+E	transf.	Grey	50/60 Hz	12	15
GW 60 748 H	2P+E	transf.	Grey	50/60 Hz	12	15
GW 60 749 H	3P+E	transf.	Grey	50/60 Hz	12	15
GW 60 749 H	3P+E	transf.	Grey	50/60 Hz	12	15
GW 60 750 H	2P+E	>50 - 250 V	Grey	d.c.	3	15
GW 60 751 H	2P+E	>250 V	Grey	d.c.	8	15
Rated current (A): 32						
GW 60 034 H	2P+E	100 - 130 V	Yellow	50/60 Hz	4	15
GW 60 035 H	3P+E	100 - 130 V	Yellow	50/60 Hz	4	15
GW 60 036 H	3P+N+E	100 - 130 V	Yellow	50/60 Hz	4	15
GW 60 037 H	2P+E	200 - 250 V	Blue	50/60 Hz	6	15
GW 60 038 H	3P+E	200 - 250 V	Blue	50/60 Hz	9	15
GW 60 039 H	3P+N+E	200 - 250 V	Blue	50/60 Hz	9	15
GW 60 040 H	2P+E	380 - 415 V	Red	50/60 Hz	9	15
GW 60 041 H	3P+E	380 - 415 V	Red	50/60 Hz	6	15
GW 60 042 H	3P+N+E	380 - 415 V	Red	50/60 Hz	6	25
GW 60 752 H	2P+E	480 - 500 V	Black	50/60 Hz	7	15
GW 60 043 H	3P+E	480 - 500 V	Black	50/60 Hz	7	15
GW 60 044 H	3P+N+E	480 - 500 V	Black	50/60 Hz	7	15
GW 60 753 H	3P+E	600 - 690 V	Black	50/60 Hz	5	15
GW 60 754 H	3P+N+E	600 - 690 V	Black	50/60 Hz	5	15
GW 60 755 H	2P+E	>50 V	Green	100 - 300 Hz	10	15
GW 60 755 H	2P+E	>50 V	Green	100 - 300 Hz	10	15
GW 60 756 H	3P+E	>50 V	Green	100 - 300 Hz	10	15
GW 60 756 H	3P+E	>50 V	Green	100 - 300 Hz	10	15
GW 60 757 H	3P+N+E	>50 V	Green	100 - 300 Hz	10	15
GW 60 757 H	3P+N+E	>50 V	Green	100 - 300 Hz	10	15
GW 60 758 H	2P+E	>50 V	Green	>300 - 500 Hz	2	15
GW 60 759 H	3P+E	>50 V	Green	>300 - 500 Hz	2	15
GW 60 760 H	3P+N+E	>50 V	Green	>300 - 500 Hz	2	15
GW 60 761 H	3P+E	440 - 460 V	Red	60 Hz	11	15
GW 60 762 H	3P+N+E	440 - 460 V	Red	60 Hz	11	15
GW 60 145 H	3P+E	380 - 440 V	Red	50/60 Hz	3	25
GW 60 145 H	3P+E	380 - 440 V	Red	50/60 Hz	3	25
GW 60 763 H	3P+N+E	380 - 440 V	Red	50/60 Hz	3	15
GW 60 763 H	3P+N+E	380 - 440 V	Red	50/60 Hz	3	15
GW 60 764 H	2P+E	transf.	Grey	50/60 Hz	12	15
GW 60 764 H	2P+E	transf.	Grey	50/60 Hz	12	15
GW 60 765 H	3P+E	transf.	Grey	50/60 Hz	12	15
GW 60 765 H	3P+E	transf.	Grey	50/60 Hz	12	15
GW 60 766 H	2P+E	>50 - 250 V	Grey	d.c.	3	15
GW 60 767 H	2P+E	>250 V	Grey	d.c.	8	15

NOTES: all products are packaged individually. Halogen-free in compliance with EN 60754-2.

IP68: 2 bar/6 h according to EN 60529 after ageing according to standard EN 60309.

IP69: in accordance with EN 60529 after ageing according to standard EN 60309.

CHARACTERISTICS: nickel-plated plugs.

IEC 309 HP

IEC 309 HP - LOW VOLTAGE SCREW WIRING STRAIGHT PLUGS WITH PHASE INVERTERS

IP44/IP54



GW 60 009 WH

LOW VOLTAGE SCREW WIRING STRAIGHT PLUGS WITH PHASE INVERTER - HIGH PERFORMANCE INVERTER



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 60 005 WH	3P+E	200-250 V	■	50/60 Hz	9	15
GW 60 006 WH	3P+N+E	200-250 V	■	50/60 Hz	9	15
GW 60 008 WH	3P+E	380-415 V	■	50/60 Hz	6	15
GW 60 009 WH	3P+N+E	380-415 V	■	50/60 Hz	6	15
Rated current (A): 32						
GW 60 016 WH	3P+E	200-250 V	■	50/60 Hz	9	15
GW 60 017 WH	3P+N+E	200-250 V	■	50/60 Hz	9	15
GW 60 019 WH	3P+E	380-415 V	■	50/60 Hz	6	15
GW 60 020 WH	3P+N+E	380-415 V	■	50/60 Hz	6	15

NOTES: all products are packaged individually.

Halogen free according to EN 60754-2.

CHARACTERISTICS: nickel-plated pins.

allow the fast exchange of two phases by using a screwdriver to reverse the direction of rotation of three-phase motors.

IP66/IP67/IP68/IP69



GW 60 030 WH

LOW VOLTAGE SCREW WIRING STRAIGHT PLUGS WITH PHASE INVERTER - HIGH PERFORMANCE INVERTER



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 60 027 WH	3P+E	200-250 V	■	50/60 Hz	9	15
GW 60 028 WH	3P+N+E	200-250 V	■	50/60 Hz	9	15
GW 60 030 WH	3P+E	380-415 V	■	50/60 Hz	6	15
GW 60 031 WH	3P+N+E	380-415 V	■	50/60 Hz	6	15
Rated current (A): 32						
GW 60 038 WH	3P+E	200-250 V	■	50/60 Hz	9	15
GW 60 039 WH	3P+N+E	200-250 V	■	50/60 Hz	9	15
GW 60 041 WH	3P+E	380-415 V	■	50/60 Hz	6	15
GW 60 042 WH	3P+N+E	380-415 V	■	50/60 Hz	6	15

NOTES: all products are packaged individually.

Halogen-free in compliance with EN 60754-2.

IP68: 2 bar/6 h according EN 60529 after ageing according to standard EN 60309.

IP69: in accordance with EN 60529 after ageing according to standard EN 60309.

CHARACTERISTICS: nickel-plated plugs.

Allow the fast exchange of two phases by using a screwdriver to reverse the direction of rotation of three-phase motors.

IEC 309 HP

IEC 309 HP - LOW VOLTAGE HIGH CURRENT STRAIGHT PLUGS WITH MANTLE CONNECTION

IP44/IP54



GW 61 016 H

LOW VOLTAGE HIGH CURRENT PROTECTED STRAIGHT PLUGS WITH MANTLE TERMINAL HIGH PERFORMANCE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 63						
GW 61 013 H	2P+E	100 - 130 V	■	50/60 Hz	4	1/4
GW 61 014 H	3P+E	100 - 130 V	■	50/60 Hz	4	1/4
GW 61 015 H	3P+N+E	100 - 130 V	■	50/60 Hz	4	1/4
GW 61 016 H	2P+E	200 - 250 V	■	50/60 Hz	6	1/4
GW 61 017 H	3P+E	200 - 250 V	■	50/60 Hz	9	1/4
GW 61 018 H	3P+N+E	200 - 250 V	■	50/60 Hz	9	1/4
GW 61 019 H	2P+E	380 - 415 V	■	50/60 Hz	9	1/4
GW 61 020 H	3P+E	380 - 415 V	■	50/60 Hz	6	1/4
GW 61 021 H	3P+N+E	346 - 415 V	■	50/60 Hz	6	1/4

NOTES: all products are packaged individually.

Halogen free in accordance with Standard EN 60754-2.

CHARACTERISTICS: connection technology with mantle terminals. Nickel-plated plugs.

Versions with pilot contact.

IP66/IP67/IP68/IP69



GW 61 053 H

**LOW VOLTAGE HIGH CURRENT WATERTIGHT STRAIGHT PLUGS WITH MANTLE TERMINAL
HIGH PERFORMANCE**



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 63						
GW 61 045 H	2P+E	100 - 130 V	■	50/60 Hz	4	1/4
GW 61 046 H	3P+E	100 - 130 V	■	50/60 Hz	4	1/4
GW 61 047 H	3P+N+E	100 - 130 V	■	50/60 Hz	4	1/4
GW 61 048 H	2P+E	200 - 250 V	■	50/60 Hz	6	1/4
GW 61 049 H	3P+E	200 - 250 V	■	50/60 Hz	9	1/4
GW 61 050 H	3P+N+E	200 - 250 V	■	50/60 Hz	9	1/4
GW 61 051 H	2P+E	380 - 415 V	■	50/60 Hz	9	1/4
GW 61 052 H	3P+E	380 - 415 V	■	50/60 Hz	6	1/4
GW 61 053 H	3P+N+E	346 - 415 V	■	50/60 Hz	6	1/4
GW 61 056 H	2P+E	480 - 500 V	■	50/60 Hz	7	1/4
GW 61 054 H	3P+E	480 - 500 V	■	50/60 Hz	7	1/4
GW 61 055 H	3P+N+E	480 - 500 V	■	50/60 Hz	7	1/4
GW 61 057 H	3P+E	600 - 690 V	■	50/60 Hz	5	1/4
GW 61 058 H	3P+N+E	600 - 690 V	■	50/60 Hz	5	1/4
GW 61 059 H	2P+E	>50 V	■	100 - 300 Hz	10	1/4
GW 61 059 H	2P+E	>50 V	■	100 - 300 Hz	10	1/4
GW 61 060 H	3P+E	>50 V	■	100 - 300 Hz	10	1/4
GW 61 060 H	3P+E	>50 V	■	100 - 300 Hz	10	1/4
GW 61 061 H	3P+N+E	>50 V	■	100 - 300 Hz	10	1/4
GW 61 061 H	3P+N+E	>50 V	■	100 - 300 Hz	10	1/4
GW 61 062 H	2P+E	>50 V	■	>300 - 500 Hz	2	1/4
GW 61 063 H	3P+E	>50 V	■	>300 - 500 Hz	2	1/4
GW 61 064 H	3P+N+E	>50 V	■	>300 - 500 Hz	2	1/4
GW 61 065 H	3P+E	440 - 460 V	■	60 Hz	11	1/4
GW 61 066 H	3P+N+E	440 - 460 V	■	60 Hz	11	1/4
GW 61 067 H	2P+E	>50 - 250 V	■	d.c.	3	1/4
GW 61 068 H	2P+E	>250 V	■	d.c.	8	1/4
Rated current (A): 125						
GW 60 664 H	2P+E	100 - 130 V	■	50/60 Hz	4	1/2
GW 60 056 H	3P+E	100 - 130 V	■	50/60 Hz	4	1/2
GW 60 057 H	3P+N+E	100 - 130 V	■	50/60 Hz	4	1/2
GW 60 665 H	2P+E	200 - 250 V	■	50/60 Hz	6	1/2
GW 60 058 H	3P+E	200 - 250 V	■	50/60 Hz	9	1/2
GW 60 059 H	3P+N+E	200 - 250 V	■	50/60 Hz	9	1/2
GW 60 666 H	2P+E	380 - 415 V	■	50/60 Hz	9	1/2
GW 60 060 H	3P+E	380 - 415 V	■	50/60 Hz	6	1/2
GW 60 061 H	3P+N+E	346 - 415 V	■	50/60 Hz	6	1/2
GW 60 667 H	2P+E	480 - 500 V	■	50/60 Hz	7	1/2
GW 60 062 H	3P+E	480 - 500 V	■	50/60 Hz	7	1/2
GW 60 063 H	3P+N+E	480 - 500 V	■	50/60 Hz	7	1/2
GW 60 668 H	3P+E	600 - 690 V	■	50/60 Hz	5	1/2
GW 60 669 H	3P+N+E	600 - 690 V	■	50/60 Hz	5	1/2
GW 60 670 H	2P+E	>50 V	■	100 - 300 Hz	10	1/2
GW 60 670 H	2P+E	>50 V	■	100 - 300 Hz	10	1/2
GW 60 671 H	3P+E	>50 V	■	100 - 300 Hz	10	1/2
GW 60 671 H	3P+E	>50 V	■	100 - 300 Hz	10	1/2
GW 60 672 H	3P+N+E	>50 V	■	100 - 300 Hz	10	1/2
GW 60 672 H	3P+N+E	>50 V	■	100 - 300 Hz	10	1/2
GW 60 673 H	2P+E	>50 V	■	>300 - 500 Hz	2	1/2
GW 60 674 H	3P+E	>50 V	■	>300 - 500 Hz	2	1/2
GW 60 675 H	3P+N+E	>50 V	■	>300 - 500 Hz	2	1/2
GW 60 676 H	3P+E	440 - 460 V	■	60 Hz	11	1/2
GW 60 677 H	3P+N+E	440 - 460 V	■	60 Hz	11	1/2

NOTES: all products are packaged individually.

Halogen-free according to EN 60754-2.

IP68: 2 bar/ 6 h in accordance with EN 60529 after ageing according to Standard EN 60309.

IP69: in accordance with EN 60529 after ageing according to Standard EN 60309.

CHARACTERISTICS: connection technology with mantle terminals. Nickel-plated plugs.

Versions with pilot contact.

IEC 309 HP

60 - LOW VOLTAGE SCREW WIRING 90° PLUGS

IP44



GW 60 085

LOW VOLTAGE SCREW WIRING 90° PLUGS



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 60 082	2P+E	100-130 V	■	50/60 Hz	4	10/40
GW 60 083	3P+E	100-130 V	■	50/60 Hz	4	10/20
GW 60 084	3P+N+E	100-130 V	■	50/60 Hz	4	10/20
GW 60 085	2P+E	200-250 V	■	50/60 Hz	6	10/40
GW 60 086	3P+E	200-250 V	■	50/60 Hz	9	10/20
GW 60 087	3P+N+E	200-250 V	■	50/60 Hz	9	10/20
GW 60 088	2P+E	380-415 V	■	50/60 Hz	9	10/20
GW 60 089	3P+E	380-415 V	■	50/60 Hz	6	10/40
GW 60 090	3P+N+E	380-415 V	■	50/60 Hz	6	10/40
GW 60 091	3P+E	480-500 V	■	50/60 Hz	7	10/20
GW 60 092	3P+N+E	480-500 V	■	50/60 Hz	7	10/20
Rated current (A): 32						
GW 60 093	2P+E	100-130 V	■	50/60 Hz	4	8/16
GW 60 094	3P+E	100-130 V	■	50/60 Hz	4	8/16
GW 60 095	3P+N+E	100-130 V	■	50/60 Hz	4	8/16
GW 60 096	2P+E	200-250 V	■	50/60 Hz	6	8/16
GW 60 097	3P+E	200-250 V	■	50/60 Hz	9	8/16
GW 60 098	3P+N+E	200-250 V	■	50/60 Hz	9	8/16
GW 60 099	2P+E	380-415 V	■	50/60 Hz	9	8/16
GW 60 101	3P+E	380-415 V	■	50/60 Hz	6	8/16
GW 60 102	3P+N+E	380-415 V	■	50/60 Hz	6	8/16
GW 60 103	3P+E	480-500 V	■	50/60 Hz	7	8/16
GW 60 104	3P+N+E	480-500 V	■	50/60 Hz	7	8/16

CHARACTERISTICS: PG16 cable gland for 16A versions; PG21 cable gland for 32A versions.

IP67



GW 60 112

LOW VOLTAGE SCREW WIRING 90° PLUGS



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 60 105	2P+E	100-130 V	■	50/60 Hz	4	10/20
GW 60 106	3P+E	100-130 V	■	50/60 Hz	4	10/20
GW 60 107	3P+N+E	100-130 V	■	50/60 Hz	4	10/20
GW 60 108	2P+E	200-250 V	■	50/60 Hz	6	10/40
GW 60 109	3P+E	200-250 V	■	50/60 Hz	9	10/20
GW 60 110	3P+N+E	200-250 V	■	50/60 Hz	9	10/20
GW 60 111	2P+E	380-415 V	■	50/60 Hz	9	10/20
GW 60 112	3P+E	380-415 V	■	50/60 Hz	6	10/40
GW 60 113	3P+N+E	380-415 V	■	50/60 Hz	6	10/40
GW 60 114	3P+E	480-500 V	■	50/60 Hz	7	10/20
GW 60 115	3P+N+E	480-500 V	■	50/60 Hz	7	10/20
Rated current (A): 32						
GW 60 116	2P+E	100-130 V	■	50/60 Hz	4	8/16
GW 60 117	3P+E	100-130 V	■	50/60 Hz	4	8/16
GW 60 118	3P+N+E	100-130 V	■	50/60 Hz	4	8/16
GW 60 119	2P+E	200-250 V	■	50/60 Hz	6	8/16
GW 60 120	3P+E	200-250 V	■	50/60 Hz	9	8/16
GW 60 121	3P+N+E	200-250 V	■	50/60 Hz	9	8/16
GW 60 122	2P+E	380-415 V	■	50/60 Hz	9	8/16
GW 60 123	3P+E	380-415 V	■	50/60 Hz	6	8/16
GW 60 124	3P+N+E	380-415 V	■	50/60 Hz	6	8/16
GW 60 125	3P+E	480-500 V	■	50/60 Hz	7	8/16
GW 60 126	3P+N+E	480-500 V	■	50/60 Hz	7	8/16
GW 60 146	3P+E	380-440 V	■	50/60 Hz	3	8/16

CHARACTERISTICS: PG16 cable gland for 16A versions; PG21 cable gland for 32A versions.

60 - LOW VOLTAGE SCREW WIRING STRAIGHT FLUSH MOUNTING INLETS

IP44



GW 60 204

LOW VOLTAGE SCREW WIRING STRAIGHT FLUSH MOUNTING INLETS



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Flange dimensions (mm)	Pack Carton
Rated current (A): 16							
GW 60 201	2P+E	100-130 V	■	50/60 Hz	4	85x75	10/20
GW 60 202	3P+E	100-130 V	■	50/60 Hz	4	85x75	10/20
GW 60 203	3P+N+E	100-130 V	■	50/60 Hz	4	85x75	10/20
GW 60 204	2P+E	200-250 V	■	50/60 Hz	6	85x75	10/20
GW 60 205	3P+E	200-250 V	■	50/60 Hz	9	85x75	10/20
GW 60 206	3P+N+E	200-250 V	■	50/60 Hz	9	85x75	10/20
GW 60 207	2P+E	380-415 V	■	50/60 Hz	9	85x75	10/20
GW 60 208	3P+E	380-415 V	■	50/60 Hz	6	85x75	10/20
GW 60 209	3P+N+E	380-415 V	■	50/60 Hz	6	85x75	10/20
GW 60 210	3P+E	480-500 V	■	50/60 Hz	7	85x75	10/20
GW 60 211	3P+N+E	480-500 V	■	50/60 Hz	7	85x75	10/20
Rated current (A): 32							
GW 60 212	2P+E	100-130 V	■	50/60 Hz	4	95x80	8/16
GW 60 213	3P+E	100-130 V	■	50/60 Hz	4	95x80	8/16
GW 60 214	3P+N+E	100-130 V	■	50/60 Hz	4	95x80	8/16
GW 60 215	2P+E	200-250 V	■	50/60 Hz	6	95x80	8/16
GW 60 216	3P+E	200-250 V	■	50/60 Hz	9	95x80	8/16
GW 60 217	3P+N+E	200-250 V	■	50/60 Hz	9	95x80	8/16
GW 60 218	2P+E	380-415 V	■	50/60 Hz	9	95x80	8/16
GW 60 219	3P+E	380-415 V	■	50/60 Hz	6	95x80	8/16
GW 60 220	3P+N+E	380-415 V	■	50/60 Hz	6	95x80	8/16
GW 60 221	3P+E	480-500 V	■	50/60 Hz	7	95x80	8/16
GW 60 222	3P+N+E	480-500 V	■	50/60 Hz	7	95x80	8/16

IP67



GW 60 231

LOW VOLTAGE SCREW WIRING STRAIGHT FLUSH MOUNTING INLETS



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Flange dimensions (mm)	Pack Carton
Rated current (A): 16							
GW 60 223	2P+E	100-130 V	■	50/60 Hz	4	85x75	10/20
GW 60 224	3P+E	100-130 V	■	50/60 Hz	4	85x75	10/20
GW 60 225	3P+N+E	100-130 V	■	50/60 Hz	4	85x75	10/20
GW 60 226	2P+E	200-250 V	■	50/60 Hz	6	85x75	10/20
GW 60 227	3P+E	200-250 V	■	50/60 Hz	9	85x75	10/20
GW 60 228	3P+N+E	200-250 V	■	50/60 Hz	9	85x75	10/20
GW 60 229	2P+E	380-415 V	■	50/60 Hz	9	85x75	10/20
GW 60 230	3P+E	380-415 V	■	50/60 Hz	6	85x75	10/20
GW 60 231	3P+N+E	380-415 V	■	50/60 Hz	6	85x75	10/20
GW 60 232	3P+E	480-500 V	■	50/60 Hz	7	85x75	10/20
GW 60 233	3P+N+E	480-500 V	■	50/60 Hz	7	85x75	10/20
Rated current (A): 32							
GW 60 234	2P+E	100-130 V	■	50/60 Hz	4	95x80	8/16
GW 60 235	3P+E	100-130 V	■	50/60 Hz	4	95x80	8/16
GW 60 236	3P+N+E	100-130 V	■	50/60 Hz	4	95x80	8/16
GW 60 237	2P+E	200-250 V	■	50/60 Hz	6	95x80	8/16
GW 60 238	3P+E	200-250 V	■	50/60 Hz	9	95x80	8/16
GW 60 239	3P+N+E	200-250 V	■	50/60 Hz	9	95x80	8/16
GW 60 240	2P+E	380-415 V	■	50/60 Hz	9	95x80	8/16
GW 60 241	3P+E	380-415 V	■	50/60 Hz	6	95x80	8/16
GW 60 242	3P+N+E	380-415 V	■	50/60 Hz	6	95x80	8/16
GW 60 243	3P+E	480-500 V	■	50/60 Hz	7	95x80	8/16
GW 60 244	3P+N+E	480-500 V	■	50/60 Hz	7	95x80	8/16
GW 60 268	3P+E	380-440 V	■	50/60 Hz	3	95x80	8/16

IEC 309 HP

60 - LOW VOLTAGE SCREW WIRING 90° ANGLED SURFACE MOUNTING INLETS

IP44



GW 60 404

LOW VOLTAGE SCREW WIRING 90° ANGLED SURFACE MOUNTING INLETS



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 60 401	2P+E	100-130 V	■	50/60 Hz	4	10/40
GW 60 402	3P+E	100-130 V	■	50/60 Hz	4	10/20
GW 60 403	3P+N+E	100-130 V	■	50/60 Hz	4	10/20
GW 60 404	2P+E	200-250 V	■	50/60 Hz	6	10/40
GW 60 405	3P+E	200-250 V	■	50/60 Hz	9	10/20
GW 60 406	3P+N+E	200-250 V	■	50/60 Hz	9	10/20
GW 60 407	2P+E	380-415 V	■	50/60 Hz	9	10/20
GW 60 408	3P+E	380-415 V	■	50/60 Hz	6	10/40
GW 60 409	3P+N+E	380-415 V	■	50/60 Hz	6	10/40
GW 60 410	3P+E	480-500 V	■	50/60 Hz	7	10/20
GW 60 411	3P+N+E	480-500 V	■	50/60 Hz	7	10/20
Rated current (A): 32						
GW 60 412	2P+E	100-130 V	■	50/60 Hz	4	8/16
GW 60 413	3P+E	100-130 V	■	50/60 Hz	4	8/16
GW 60 414	3P+N+E	100-130 V	■	50/60 Hz	4	8/16
GW 60 415	2P+E	200-250 V	■	50/60 Hz	6	8/16
GW 60 416	3P+E	200-250 V	■	50/60 Hz	9	8/16
GW 60 417	3P+N+E	200-250 V	■	50/60 Hz	9	8/16
GW 60 418	2P+E	380-415 V	■	50/60 Hz	9	8/16
GW 60 419	3P+E	380-415 V	■	50/60 Hz	6	8/16
GW 60 420	3P+N+E	380-415 V	■	50/60 Hz	6	8/16
GW 60 421	3P+E	480-500 V	■	50/60 Hz	7	8/16
GW 60 422	3P+N+E	480-500 V	■	50/60 Hz	7	8/16

CHARACTERISTICS: Ø 20 mm cable gland for 16 A versions; Ø 23 mm cable gland for 32 A versions.

IP67



GW 60 431

LOW VOLTAGE SCREW WIRING 90° ANGLED SURFACE MOUNTING INLETS



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 60 423	2P+E	100-130 V	■	50/60 Hz	4	10/20
GW 60 424	3P+E	100-130 V	■	50/60 Hz	4	10/20
GW 60 425	3P+N+E	100-130 V	■	50/60 Hz	4	10/20
GW 60 426	2P+E	200-250 V	■	50/60 Hz	6	10/40
GW 60 427	3P+E	200-250 V	■	50/60 Hz	9	10/20
GW 60 428	3P+N+E	200-250 V	■	50/60 Hz	9	10/20
GW 60 429	2P+E	380-415 V	■	50/60 Hz	9	10/20
GW 60 430	3P+E	380-415 V	■	50/60 Hz	6	10/40
GW 60 431	3P+N+E	380-415 V	■	50/60 Hz	6	10/20
GW 60 432	3P+E	480-500 V	■	50/60 Hz	7	10/20
GW 60 433	3P+N+E	480-500 V	■	50/60 Hz	7	10/20
Rated current (A): 32						
GW 60 434	2P+E	100-130 V	■	50/60 Hz	4	8/16
GW 60 435	3P+E	100-130 V	■	50/60 Hz	4	8/16
GW 60 436	3P+N+E	100-130 V	■	50/60 Hz	4	8/16
GW 60 437	2P+E	200-250 V	■	50/60 Hz	6	8/16
GW 60 438	3P+E	200-250 V	■	50/60 Hz	9	8/16
GW 60 439	3P+N+E	200-250 V	■	50/60 Hz	9	8/16
GW 60 440	2P+E	380-415 V	■	50/60 Hz	9	8/16
GW 60 441	3P+E	380-415 V	■	50/60 Hz	6	8/16
GW 60 442	3P+N+E	380-415 V	■	50/60 Hz	6	8/16
GW 60 443	3P+E	480-500 V	■	50/60 Hz	7	8/16
GW 60 444	3P+N+E	480-500 V	■	50/60 Hz	7	8/16
GW 60 482	3P+E	380-440 V	■	50/60 Hz	3	8/16

CHARACTERISTICS: PG21 cable gland for 16-32A versions;

60/61 - 90° SURFACE-MOUNTING FIXED PLUGS WITH LOW VOLTAGE HIGH CURRENT MANTLE CONNECTION

IP67



GW 61 453

LOW VOLTAGE HIGH CURRENT FIXED WATERTIGHT 90° SURFACE-MOUNTING PLUGS WITH MANTLE CONNECTION



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 63						
GW 61 445	2P+E	100-130 V	■	50/60 Hz	4	1/4
GW 61 446	3P+E	100-130 V	■	50/60 Hz	4	1/4
GW 61 447	3P+N+E	100-130 V	■	50/60 Hz	4	1/4
GW 61 448	2P+E	200-250 V	■	50/60 Hz	6	1/4
GW 61 449	3P+E	200-250 V	■	50/60 Hz	9	1/4
GW 61 450	3P+N+E	200-250 V	■	50/60 Hz	9	1/4
GW 61 451	2P+E	380-415 V	■	50/60 Hz	9	1/4
GW 61 452	3P+E	380-415 V	■	50/60 Hz	6	1/4
GW 61 453	3P+N+E	380-415 V	■	50/60 Hz	6	1/4
GW 61 454	3P+E	480-500 V	■	50/60 Hz	7	1/4
GW 61 455	3P+N+E	480-500 V	■	50/60 Hz	7	1/4
Rated current (A): 125						
GW 60 456	3P+E	100-130 V	■	50/60 Hz	4	1/2
GW 60 457	3P+N+E	100-130 V	■	50/60 Hz	4	1/2
GW 60 458	3P+E	200-250 V	■	50/60 Hz	9	1/2
GW 60 459	3P+N+E	200-250 V	■	50/60 Hz	9	1/2
GW 60 460	3P+E	380-415 V	■	50/60 Hz	6	1/2
GW 60 461	3P+N+E	380-415 V	■	50/60 Hz	6	1/2
GW 60 462	3P+E	480-500 V	■	50/60 Hz	7	1/2
GW 60 463	3P+N+E	480-500 V	■	50/60 Hz	7	1/2

CHARACTERISTICS: PG36 cable gland for 63A versions; PG48 cable gland for 125A versions. Equipped with pilot contact.

NOTES: Products will be supplied with the new version, as shown in the picture, only after having sold out the previous one.

ACCESSORIES FOR PLUGS

WATERTIGHT



GW 60 263

WATERTIGHT COVERS FOR PLUGS

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 and 3P+E	8/64
GW 60 267	3P+N+E	8/64
Rated current (A): 63		
GW 60 269	2P+E; 3P+E; 3P+N+E	5/40
Rated current (A): 125		
GW 60 270	2P+E; 3P+E; 3P+N+E	5/20

APPLICATIONS: used to maintain the original IP degree on IEC 309 HP mobile or fixed (up to IP66/IP67/IP68/IP69).

IEC 309 HP

IEC 309 HP - LOW VOLTAGE FAST WIRING STRAIGHT CONNECTORS

IP44/IP54



GW 62 004 FH

LOW VOLTAGE FAST WIRING STRAIGHT CONNECTORS - HIGH PERFORMANCE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 62 001 FH	2P+E	100-130 V	■	50/60 Hz	4	15
GW 62 002 FH	3P+E	100-130 V	■	50/60 Hz	4	15
GW 62 003 FH	3P+N+E	100-130 V	■	50/60 Hz	4	15
GW 62 004 FH	2P+E	200-250 V	■	50/60 Hz	6	50
GW 62 005 FH	3P+E	200-250 V	■	50/60 Hz	9	15
GW 62 006 FH	3P+N+E	200-250 V	■	50/60 Hz	9	15
GW 62 007 FH	2P+E	380-415 V	■	50/60 Hz	9	15
GW 62 008 FH	3P+E	380-415 V	■	50/60 Hz	6	15
GW 62 009 FH	3P+N+E	380-415 V	■	50/60 Hz	6	15
Rated current (A): 32						
GW 62 012 FH	2P+E	100-130 V	■	50/60 Hz	4	15
GW 62 013 FH	3P+E	100-130 V	■	50/60 Hz	4	15
GW 62 014 FH	3P+N+E	100-130 V	■	50/60 Hz	4	15
GW 62 015 FH	2P+E	200-250 V	■	50/60 Hz	6	15
GW 62 016 FH	3P+E	200-250 V	■	50/60 Hz	9	15
GW 62 017 FH	3P+N+E	200-250 V	■	50/60 Hz	9	15
GW 62 018 FH	2P+E	380-415 V	■	50/60 Hz	9	15
GW 62 019 FH	3P+E	380-415 V	■	50/60 Hz	6	15
GW 62 020 FH	3P+N+E	380-415 V	■	50/60 Hz	6	15

NOTES: all products are packaged individually.

Halogen free according to EN 60754-2.

CHARACTERISTICS: connection technology with spring terminals. Nickel-plated contacts.

IP66/IP67/IP68/IP69



GW 62 030 FH

LOW VOLTAGE FAST WIRING STRAIGHT CONNECTORS - HIGH PERFORMANCE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 62 023 FH	2P+E	100-130 V	■	50/60 Hz	4	15
GW 62 024 FH	3P+E	100-130 V	■	50/60 Hz	4	25
GW 62 025 FH	3P+N+E	100-130 V	■	50/60 Hz	4	15
GW 62 026 FH	2P+E	200-250 V	■	50/60 Hz	6	50
GW 62 027 FH	3P+E	200-250 V	■	50/60 Hz	9	15
GW 62 028 FH	3P+N+E	200-250 V	■	50/60 Hz	9	15
GW 62 029 FH	2P+E	380-415 V	■	50/60 Hz	9	15
GW 62 030 FH	3P+E	380-415 V	■	50/60 Hz	6	15
GW 62 031 FH	3P+N+E	380-415 V	■	50/60 Hz	6	25
Rated current (A): 32						
GW 62 034 FH	2P+E	100-130 V	■	50/60 Hz	4	15
GW 62 035 FH	3P+E	100-130 V	■	50/60 Hz	4	15
GW 62 036 FH	3P+N+E	100-130 V	■	50/60 Hz	4	15
GW 62 037 FH	2P+E	200-250 V	■	50/60 Hz	6	15
GW 62 038 FH	3P+E	200-250 V	■	50/60 Hz	9	15
GW 62 039 FH	3P+N+E	200-250 V	■	50/60 Hz	9	15
GW 62 040 FH	2P+E	380-415 V	■	50/60 Hz	9	15
GW 62 041 FH	3P+E	380-415 V	■	50/60 Hz	6	15
GW 62 042 FH	3P+N+E	380-415 V	■	50/60 Hz	6	15

NOTES: all products are packaged individually.

IP68: 2 bar/6 h according EN 60529 after ageing according to standard EN 60309.

IP69: in accordance with EN 60529 after ageing according to standard EN 60309.

Halogen-free in compliance with EN 60754-2.

CHARACTERISTICS: connection technology with spring terminals. Nickel-plated contacts.

IEC 309 HP

IEC 309 HP - LOW VOLTAGE SCREW WIRING STRAIGHT CONNECTORS

IP44/IP54



GW 62 004 H

LOW VOLTAGE SCREW WIRING STRAIGHT CONNECTORS - HIGH PERFORMANCE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 62 001 H	2P+E	100 - 130 V	Yellow	50/60 Hz	4	50
GW 62 002 H	3P+E	100 - 130 V	Yellow	50/60 Hz	4	100
GW 62 003 H	3P+N+E	100 - 130 V	Yellow	50/60 Hz	4	25
GW 62 004 H	2P+E	200 - 250 V	Blue	50/60 Hz	6	100
GW 62 005 H	3P+E	200 - 250 V	Blue	50/60 Hz	9	15
GW 62 006 H	3P+N+E	200 - 250 V	Blue	50/60 Hz	9	15
GW 62 007 H	2P+E	380 - 415 V	Red	50/60 Hz	9	15
GW 62 008 H	3P+E	380 - 415 V	Red	50/60 Hz	6	50
GW 62 009 H	3P+N+E	380 - 415 V	Red	50/60 Hz	6	25
GW 62 701 H	2P+E	480 - 500 V	Black	50/60 Hz	7	15
GW 62 010 H	3P+E	480 - 500 V	Black	50/60 Hz	7	15
GW 62 011 H	3P+N+E	480 - 500 V	Black	50/60 Hz	7	15
GW 62 702 H	3P+E	600 - 690 V	Black	50/60 Hz	5	15
GW 62 703 H	3P+N+E	600 - 690 V	Black	50/60 Hz	5	15
GW 62 704 H	2P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 704 H	2P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 705 H	3P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 705 H	3P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 706 H	3P+N+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 706 H	3P+N+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 707 H	2P+E	>50 V	Green	>300 - 500 Hz	2	15
GW 62 708 H	3P+E	>50 V	Green	>300 - 500 Hz	2	15
GW 62 709 H	3P+N+E	>50 V	Green	>300 - 500 Hz	2	15
GW 62 710 H	3P+E	440 - 460 V	Red	60 Hz	11	15
GW 62 711 H	3P+N+E	440 - 460 V	Red	60 Hz	11	15
GW 62 712 H	3P+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 712 H	3P+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 713 H	3P+N+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 713 H	3P+N+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 714 H	2P+E	transf.	Grey	50/60 Hz	12	15
GW 62 714 H	2P+E	transf.	Grey	50/60 Hz	12	15
GW 62 715 H	3P+E	transf.	Grey	50/60 Hz	12	15
GW 62 715 H	3P+E	transf.	Grey	50/60 Hz	12	15
GW 62 716 H	2P+E	>50 - 250 V	Grey	d.c.	3	15
GW 62 717 H	2P+E	>250 V	Grey	d.c.	8	15
Rated current (A): 32						
GW 62 012 H	2P+E	100 - 130 V	Yellow	50/60 Hz	4	15
GW 62 013 H	3P+E	100 - 130 V	Yellow	50/60 Hz	4	15
GW 62 014 H	3P+N+E	100 - 130 V	Yellow	50/60 Hz	4	15
GW 62 015 H	2P+E	200 - 250 V	Blue	50/60 Hz	6	25
GW 62 016 H	3P+E	200 - 250 V	Blue	50/60 Hz	9	15
GW 62 017 H	3P+N+E	200 - 250 V	Blue	50/60 Hz	9	15
GW 62 018 H	2P+E	380 - 415 V	Red	50/60 Hz	9	15
GW 62 019 H	3P+E	380 - 415 V	Red	50/60 Hz	6	25
GW 62 020 H	3P+N+E	380 - 415 V	Red	50/60 Hz	6	25
GW 62 718 H	2P+E	480 - 500 V	Black	50/60 Hz	7	15
GW 62 021 H	3P+E	480 - 500 V	Black	50/60 Hz	7	15
GW 62 022 H	3P+N+E	480 - 500 V	Black	50/60 Hz	7	15
GW 62 719 H	3P+E	600 - 690 V	Black	50/60 Hz	5	15
GW 62 720 H	3P+N+E	600 - 690 V	Black	50/60 Hz	5	15
GW 62 721 H	2P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 721 H	2P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 722 H	3P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 722 H	3P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 723 H	3P+N+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 723 H	3P+N+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 724 H	2P+E	>50 V	Green	>300 - 500 Hz	2	15
GW 62 725 H	3P+E	>50 V	Green	>300 - 500 Hz	2	15
GW 62 726 H	3P+N+E	>50 V	Green	>300 - 500 Hz	2	15
GW 62 727 H	3P+E	440 - 460 V	Red	60 Hz	11	15
GW 62 728 H	3P+N+E	440 - 460 V	Red	60 Hz	11	15
GW 62 729 H	3P+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 729 H	3P+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 730 H	3P+N+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 730 H	3P+N+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 731 H	2P+E	transf.	Grey	50/60 Hz	12	15
GW 62 731 H	2P+E	transf.	Grey	50/60 Hz	12	15
GW 62 732 H	3P+E	transf.	Grey	50/60 Hz	12	15
GW 62 732 H	3P+E	transf.	Grey	50/60 Hz	12	15
GW 62 733 H	2P+E	>50 - 250 V	Grey	d.c.	3	15
GW 62 734 H	2P+E	>250 V	Grey	d.c.	8	15

NOTES: all products are packaged individually. Halogen free according to EN 60754-2

CHARACTERISTICS: nickel-plated contacts.

IP66/IP67/IP68/IP69



GW 62 030 H

LOW VOLTAGE SCREW WIRING STRAIGHT CONNECTORS - HIGH PERFORMANCE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 62 023 H	2P+E	100 - 130 V	Yellow	50/60 Hz	4	50
GW 62 024 H	3P+E	100 - 130 V	Yellow	50/60 Hz	4	15
GW 62 025 H	3P+N+E	100 - 130 V	Yellow	50/60 Hz	4	15
GW 62 026 H	2P+E	200 - 250 V	Blue	50/60 Hz	6	50
GW 62 027 H	3P+E	200 - 250 V	Blue	50/60 Hz	9	15
GW 62 028 H	3P+N+E	200 - 250 V	Blue	50/60 Hz	9	15
GW 62 029 H	2P+E	380 - 415 V	Red	50/60 Hz	9	15
GW 62 030 H	3P+E	380 - 415 V	Red	50/60 Hz	6	25
GW 62 031 H	3P+N+E	380 - 415 V	Red	50/60 Hz	6	25
GW 62 735 H	2P+E	480 - 500 V	Black	50/60 Hz	7	15
GW 62 032 H	3P+E	480 - 500 V	Black	50/60 Hz	7	15
GW 62 033 H	3P+N+E	480 - 500 V	Black	50/60 Hz	7	25
GW 62 736 H	3P+E	600 - 690 V	Black	50/60 Hz	5	15
GW 62 737 H	3P+N+E	600 - 690 V	Black	50/60 Hz	5	15
GW 62 738 H	2P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 738 H	2P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 739 H	3P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 739 H	3P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 740 H	3P+N+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 740 H	3P+N+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 741 H	2P+E	>50 V	Green	>300 - 500 Hz	2	15
GW 62 742 H	3P+E	>50 V	Green	>300 - 500 Hz	2	15
GW 62 743 H	3P+N+E	>50 V	Green	>300 - 500 Hz	2	15
GW 62 744 H	3P+E	440 - 460 V	Red	60 Hz	11	15
GW 62 745 H	3P+N+E	440 - 460 V	Red	60 Hz	11	15
GW 62 746 H	3P+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 746 H	3P+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 747 H	3P+N+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 747 H	3P+N+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 748 H	2P+E	transf.	Grey	50/60 Hz	12	15
GW 62 748 H	2P+E	transf.	Grey	50/60 Hz	12	15
GW 62 749 H	3P+E	transf.	Grey	50/60 Hz	12	15
GW 62 749 H	3P+E	transf.	Grey	50/60 Hz	12	15
GW 62 750 H	2P+E	>50 - 250 V	Grey	d.c.	3	15
GW 62 751 H	2P+E	>250 V	Grey	d.c.	8	15
Rated current (A): 32						
GW 62 034 H	2P+E	100 - 130 V	Yellow	50/60 Hz	4	15
GW 62 035 H	3P+E	100 - 130 V	Yellow	50/60 Hz	4	15
GW 62 036 H	3P+N+E	100 - 130 V	Yellow	50/60 Hz	4	15
GW 62 037 H	2P+E	200 - 250 V	Blue	50/60 Hz	6	15
GW 62 038 H	3P+E	200 - 250 V	Blue	50/60 Hz	9	15
GW 62 039 H	3P+N+E	200 - 250 V	Blue	50/60 Hz	9	15
GW 62 040 H	2P+E	380 - 415 V	Red	50/60 Hz	9	15
GW 62 041 H	3P+E	380 - 415 V	Red	50/60 Hz	6	15
GW 62 042 H	3P+N+E	380 - 415 V	Red	50/60 Hz	6	15
GW 62 752 H	2P+E	480 - 500 V	Black	50/60 Hz	7	15
GW 62 043 H	3P+E	480 - 500 V	Black	50/60 Hz	7	15
GW 62 044 H	3P+N+E	480 - 500 V	Black	50/60 Hz	7	15
GW 62 753 H	3P+E	600 - 690 V	Black	50/60 Hz	5	15
GW 62 754 H	3P+N+E	600 - 690 V	Black	50/60 Hz	5	15
GW 62 755 H	2P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 755 H	2P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 756 H	3P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 756 H	3P+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 757 H	3P+N+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 757 H	3P+N+E	>50 V	Green	100 - 300 Hz	10	15
GW 62 758 H	2P+E	>50 V	Green	>300 - 500 Hz	2	15
GW 62 759 H	3P+E	>50 V	Green	>300 - 500 Hz	2	15
GW 62 760 H	3P+N+E	>50 V	Green	>300 - 500 Hz	2	15
GW 62 761 H	3P+E	440 - 460 V	Red	60 Hz	11	15
GW 62 762 H	3P+N+E	440 - 460 V	Red	60 Hz	11	15
GW 62 128 H	3P+E	380 - 440 V	Red	50/60 Hz	3	25
GW 62 128 H	3P+E	380 - 440 V	Red	50/60 Hz	3	25
GW 62 763 H	3P+N+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 763 H	3P+N+E	380 - 440 V	Red	50/60 Hz	3	15
GW 62 764 H	2P+E	transf.	Grey	50/60 Hz	12	15
GW 62 764 H	2P+E	transf.	Grey	50/60 Hz	12	15
GW 62 765 H	3P+E	transf.	Grey	50/60 Hz	12	15
GW 62 765 H	3P+E	transf.	Grey	50/60 Hz	12	15
GW 62 766 H	2P+E	>50 - 250 V	Grey	d.c.	3	15
GW 62 767 H	2P+E	>250 V	Grey	d.c.	8	15

NOTES: all products are packaged individually. Halogen-free in compliance with EN 60754-2.

IP68: 2 bar/6 h according to EN 60529 after ageing according to standard EN 60309.

IP69: in accordance with EN 60529 after ageing according to standard EN 60309.

CHARACTERISTICS: nickel-plated contacts.

IEC 309 HP

IEC 309 HP - LOW VOLTAGE HIGH CURRENT STRAIGHT CONNECTORS WITH MANTLE CONNECTION

IP44/IP54



GW 63 016 H

PRESE MOBILI DIRITTE PROTETTE CABLAGGIO A MANTELLO ALTE CORRENTI BASSA TENSIONE HIGH PERFORMANCE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 63						
GW 63 013 H	2P+E	100 - 130 V	■	50/60 Hz	4	1/4
GW 63 014 H	3P+E	100 - 130 V	■	50/60 Hz	4	1/4
GW 63 015 H	3P+N+E	100 - 130 V	■	50/60 Hz	4	1/4
GW 63 016 H	2P+E	200 - 250 V	■	50/60 Hz	6	1/4
GW 63 017 H	3P+E	200 - 250 V	■	50/60 Hz	9	1/4
GW 63 018 H	3P+N+E	200 - 250 V	■	50/60 Hz	9	1/4
GW 63 019 H	2P+E	380 - 415 V	■	50/60 Hz	9	1/4
GW 63 020 H	3P+E	380 - 415 V	■	50/60 Hz	6	1/4
GW 63 021 H	3P+N+E	346 - 415 V	■	50/60 Hz	6	1/4

NOTES: all products are packaged individually.

Halogen free in accordance with Standard EN 60754-2.

CHARACTERISTICS: connection technology with mantle terminals, nickel-plated contacts.

All the versions are available with a pilot contact upon request.

IP66/IP67/IP68/IP69



GW 63 053 H

**LOW VOLTAGE HIGH CURRENT WATERTIGHT STRAIGHT CONNECTORS WITH MANTLE TERMINAL
HIGH PERFORMANCE**



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Characteristics	Pack Carton
Rated current (A): 63							
GW 63 045 H	2P+E	100 - 130 V	Yellow	50/60 Hz	4		1/4
GW 63 046 H	3P+E	100 - 130 V	Yellow	50/60 Hz	4		1/4
GW 63 047 H	3P+N+E	100 - 130 V	Yellow	50/60 Hz	4		1/4
GW 63 048 H	2P+E	200 - 250 V	Blue	50/60 Hz	6		1/4
GW 63 048 PH	2P+E	200 - 250 V	Blue	50/60 Hz	6	Pilot contact	1/4
GW 63 049 H	3P+E	200 - 250 V	Blue	50/60 Hz	9		1/4
GW 63 050 H	3P+N+E	200 - 250 V	Blue	50/60 Hz	9		1/4
GW 63 051 H	2P+E	380 - 415 V	Red	50/60 Hz	9		1/4
GW 63 052 H	3P+E	380 - 415 V	Red	50/60 Hz	6		1/4
GW 63 052 PH	3P+E	380 - 415 V	Red	50/60 Hz	6	Pilot contact	1/4
GW 63 053 H	3P+N+E	346 - 415 V	Red	50/60 Hz	6		1/4
GW 63 053 PH	3P+N+E	346 - 415 V	Red	50/60 Hz	6	Pilot contact	1/4
GW 63 056 H	2P+E	480 - 500 V	Black	50/60 Hz	7		1/4
GW 63 054 H	3P+E	480 - 500 V	Black	50/60 Hz	7		1/4
GW 63 055 H	3P+N+E	480 - 500 V	Black	50/60 Hz	7		1/4
GW 63 057 H	3P+E	600 - 690 V	Black	50/60 Hz	5		1/4
GW 63 058 H	3P+N+E	600 - 690 V	Black	50/60 Hz	5		1/4
GW 63 059 H	2P+E	>50 V	Green	100 - 300 Hz	10		1/4
GW 63 059 H	2P+E	>50 V	Green	100 - 300 Hz	10		1/4
GW 63 060 H	3P+E	>50 V	Green	100 - 300 Hz	10		1/4
GW 63 060 H	3P+E	>50 V	Green	100 - 300 Hz	10		1/4
GW 63 061 H	3P+N+E	>50 V	Green	100 - 300 Hz	10		1/4
GW 63 061 H	3P+N+E	>50 V	Green	100 - 300 Hz	10		1/4
GW 63 062 H	2P+E	>50 V	Green	>300 - 500 Hz	2		1/4
GW 63 063 H	3P+E	>50 V	Green	>300 - 500 Hz	2		1/4
GW 63 064 H	3P+N+E	>50 V	Green	>300 - 500 Hz	2		1/4
GW 63 065 H	3P+E	440 - 460 V	Red	60 Hz	11		1/4
GW 63 066 H	3P+N+E	440 - 460 V	Red	60 Hz	11		1/4
GW 63 067 H	2P+E	>50 - 250 V	Grey	d.c.	3		1/4
GW 63 068 H	2P+E	>250 V	Grey	d.c.	8		1/4
Rated current (A): 125							
GW 62 664 H	2P+E	100 - 130 V	Yellow	50/60 Hz	4		1/2
GW 62 056 H	3P+E	100 - 130 V	Yellow	50/60 Hz	4		1/2
GW 62 057 H	3P+N+E	100 - 130 V	Yellow	50/60 Hz	4		1/2
GW 62 665 H	2P+E	200 - 250 V	Blue	50/60 Hz	6		1/2
GW 62 058 H	3P+E	200 - 250 V	Blue	50/60 Hz	9		1/2
GW 62 059 H	3P+N+E	200 - 250 V	Blue	50/60 Hz	9		1/2
GW 62 666 H	2P+E	380 - 415 V	Red	50/60 Hz	9		1/2
GW 62 060 H	3P+E	380 - 415 V	Red	50/60 Hz	6		1/2
GW 62 060 PH	3P+E	380 - 415 V	Red	50/60 Hz	6	Pilot contact	1/2
GW 62 061 H	3P+N+E	346 - 415 V	Red	50/60 Hz	6		1/2
GW 62 061 PH	3P+N+E	346 - 415 V	Red	50/60 Hz	6	Pilot contact	1/2
GW 62 667 H	2P+E	480 - 500 V	Black	50/60 Hz	7		1/2
GW 62 062 H	3P+E	480 - 500 V	Black	50/60 Hz	7		1/2
GW 62 063 H	3P+N+E	480 - 500 V	Black	50/60 Hz	7		1/2
GW 62 668 H	3P+E	600 - 690 V	Black	50/60 Hz	5		1/2
GW 62 669 H	3P+N+E	600 - 690 V	Black	50/60 Hz	5		1/2
GW 62 670 H	2P+E	>50 V	Green	100 - 300 Hz	10		1/2
GW 62 670 H	2P+E	>50 V	Green	100 - 300 Hz	10		1/2
GW 62 671 H	3P+E	>50 V	Green	100 - 300 Hz	10		1/2
GW 62 671 H	3P+E	>50 V	Green	100 - 300 Hz	10		1/2
GW 62 672 H	3P+N+E	>50 V	Green	100 - 300 Hz	10		1/2
GW 62 672 H	3P+N+E	>50 V	Green	100 - 300 Hz	10		1/2
GW 62 673 H	2P+E	>50 V	Green	>300 - 500 Hz	2		1/2
GW 62 674 H	3P+E	>50 V	Green	>300 - 500 Hz	2		1/2
GW 62 675 H	3P+N+E	>50 V	Green	>300 - 500 Hz	2		1/2
GW 62 676 H	3P+E	440 - 460 V	Red	60 Hz	11		1/2
GW 62 677 H	3P+N+E	440 - 460 V	Red	60 Hz	11		1/2

NOTES: all products are packaged individually. Halogen-free according to EN 60754-2.
 IP68: 2 bar/ 6 h in accordance with EN60529 after ageing according to Standard EN60309.
 IP69: in accordance with EN60529 after ageing according to Standard EN60309.
 GW63048PH, GW63052PH, GW63053PH, GW62060PH, GW62061PH: connectors with pilot contact and direct screw wiring.
CHARACTERISTICS: connection technology with mantle terminals. nickel-plated contacts.
 All the versions are available with a pilot contact upon request.



GW 62 231 H

(CONTINUE)

LOW VOLTAGE SCREW WIRING 10° ANGLED FLUSH-MOUNTING SOCKET-OUTLETS - HIGH PERFORMANCE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Flange dimensions (mm)	Pack Carton
Rated current (A): 32							
GW 62 235 H	2P+E	100 - 130 V	■	50/60 Hz	4	95x80	25
GW 62 236 H	3P+E	100 - 130 V	■	50/60 Hz	4	95x80	15
GW 62 237 H	3P+N+E	100 - 130 V	■	50/60 Hz	4	95x80	15
GW 62 238 H	2P+E	200 - 250 V	■	50/60 Hz	6	95x80	15
GW 62 239 H	3P+E	200 - 250 V	■	50/60 Hz	9	95x80	15
GW 62 240 H	3P+N+E	200 - 250 V	■	50/60 Hz	9	95x80	15
GW 62 241 H	2P+E	380 - 415 V	■	50/60 Hz	9	95x80	15
GW 62 242 H	3P+E	380 - 415 V	■	50/60 Hz	6	95x80	15
GW 62 243 H	3P+N+E	380 - 415 V	■	50/60 Hz	6	95x80	15
GW 62 852 H	2P+E	480 - 500 V	■	50/60 Hz	7	95x80	15
GW 62 244 H	3P+E	480 - 500 V	■	50/60 Hz	7	95x80	15
GW 62 245 H	3P+N+E	480 - 500 V	■	50/60 Hz	7	95x80	15
GW 62 853 H	3P+E	600 - 690 V	■	50/60 Hz	5	95x80	15
GW 62 854 H	3P+N+E	600 - 690 V	■	50/60 Hz	5	95x80	15
GW 62 855 H	2P+E	>50 V	■	100 - 300 Hz	10	95x80	15
GW 62 855 H	2P+E	>50 V	■	100 - 300 Hz	10	95x80	15
GW 62 856 H	3P+E	>50 V	■	100 - 300 Hz	10	95x80	15
GW 62 856 H	3P+E	>50 V	■	100 - 300 Hz	10	95x80	15
GW 62 857 H	3P+N+E	>50 V	■	100 - 300 Hz	10	95x80	15
GW 62 857 H	3P+N+E	>50 V	■	100 - 300 Hz	10	95x80	15
GW 62 858 H	2P+E	>50 V	■	>300 - 500 Hz	2	95x80	15
GW 62 859 H	3P+E	>50 V	■	>300 - 500 Hz	2	95x80	15
GW 62 860 H	3P+N+E	>50 V	■	>300 - 500 Hz	2	95x80	15
GW 62 861 H	3P+E	440 - 460 V	■	60 Hz	11	95x80	15
GW 62 862 H	3P+N+E	440 - 460 V	■	60 Hz	11	95x80	15
GW 62 283 H	3P+E	380 - 440 V	■	50/60 Hz	3	95x80	25
GW 62 283 H	3P+E	380 - 440 V	■	50/60 Hz	3	95x80	25
GW 62 863 H	3P+N+E	380 - 440 V	■	50/60 Hz	3	95x80	15
GW 62 863 H	3P+N+E	380 - 440 V	■	50/60 Hz	3	95x80	15
GW 62 864 H	2P+E	transf.	■	50/60 Hz	12	95x80	15
GW 62 864 H	2P+E	transf.	■	50/60 Hz	12	95x80	15
GW 62 865 H	3P+E	transf.	■	50/60 Hz	12	95x80	15
GW 62 865 H	3P+E	transf.	■	50/60 Hz	12	95x80	15
GW 62 866 H	2P+E	>50 - 250 V	■	d.c.	3	95x80	15
GW 62 867 H	2P+E	>250 V	■	d.c.	8	95x80	15

NOTES: all products are packaged individually. Halogen free according to EN 60754-2

CHARACTERISTICS: nickel-plated contacts



GW 66 742

SURFACE-MOUNTING BOX WITH FLANGED COVER FITTED FOR 2 LIDS - IP55

Code	Flange dimensions (mm)	Top entries	Bottom entries	Pack Carton
GW 66 742	85x75 - 95x80	2xØ 23	1xØ 29/37	1/10

APPLICATIONS: 75x85 mm dimension is suited for mounting IEC309 16A devices or GW27401 COMBI-IN weatherproof cover.

80x95 mm dimension is suited for mounting IEC309 32A devices.

ACCESSORIES SUPPLIED: blank cap 32A, 2 gaskets and mounting screws.

IEC 309 HP - LOW VOLTAGE HIGH CURRENT 10° STRAIGHT FLUSH-MOUNTING FIXED SOCKET-OUTLETS WITH MANTLE CONNECTION

IP44/IP54



GW 63 216 H

LOW VOLTAGE HIGH CURRENT PROTECTED FLUSH-MOUNTING 10° SOCKET-OUTLETS WITH MANTLE TERMINAL - HIGH PERFORMANCE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Flange dimensions (mm)	Pack Carton
Rated current (A): 63							
GW 63 213 H	2P+E	100 - 130 V	Yellow	50/60 Hz	4	110x100	1/4
GW 63 214 H	3P+E	100 - 130 V	Yellow	50/60 Hz	4	110x100	1/4
GW 63 215 H	3P+N+E	100 - 130 V	Yellow	50/60 Hz	4	110x100	1/4
GW 63 216 H	2P+E	200 - 250 V	Blue	50/60 Hz	6	110x100	1/4
GW 63 217 H	3P+E	200 - 250 V	Blue	50/60 Hz	9	110x100	1/4
GW 63 218 H	3P+N+E	200 - 250 V	Blue	50/60 Hz	9	110x100	1/4
GW 63 219 H	2P+E	380 - 415 V	Red	50/60 Hz	9	110x100	1/4
GW 63 220 H	3P+E	380 - 415 V	Red	50/60 Hz	6	110x100	1/4
GW 63 221 H	3P+N+E	346 - 415 V	Red	50/60 Hz	6	110x100	1/4

NOTES: all products are packaged individually.

Halogen free in accordance with Standard EN 60754-2.

CHARACTERISTICS: connection technology with mantle terminals, nickel-plated contacts.

All the versions are available with a pilot contact upon request.

IP66/IP67



GW 63 254 H

LOW VOLTAGE HIGH CURRENT WATERTIGHT 10° FIXED FLUSH-MOUNTING SOCKET-OUTLETS WITH MANTLE TERMINAL - HIGH PERFORMANCE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Characteristics	Flange dimensions (mm)	Pack Carton
Rated current (A): 63								
GW 63 246 H	2P+E	100 - 130 V	■	50/60 Hz	4		110x100	1/4
GW 63 247 H	3P+E	100 - 130 V	■	50/60 Hz	4		110x100	1/4
GW 63 248 H	3P+N+E	100 - 130 V	■	50/60 Hz	4		110x100	1/4
GW 63 249 H	2P+E	200 - 250 V	■	50/60 Hz	6		110x100	1/4
GW 63 249 PH	2P+E	200 - 250 V	■	50/60 Hz	6	Pilot contact	110x100	1/4
GW 63 250 H	3P+E	200 - 250 V	■	50/60 Hz	9		110x100	1/4
GW 63 251 H	3P+N+E	200 - 250 V	■	50/60 Hz	9		110x100	1/4
GW 63 252 H	2P+E	380 - 415 V	■	50/60 Hz	9		110x100	1/4
GW 63 253 H	3P+E	380 - 415 V	■	50/60 Hz	6		110x100	1/4
GW 63 253 PH	3P+E	380 - 415 V	■	50/60 Hz	6	Pilot contact	110x100	1/4
GW 63 254 H	3P+N+E	346 - 415 V	■	50/60 Hz	6		110x100	1/4
GW 63 254 PH	3P+N+E	346 - 415 V	■	50/60 Hz	6	Pilot contact	110x100	1/4
GW 63 257 H	2P+E	480 - 500 V	■	50/60 Hz	7		110x100	1/4
GW 63 255 H	3P+E	480 - 500 V	■	50/60 Hz	7		110x100	1/4
GW 63 256 H	3P+N+E	480 - 500 V	■	50/60 Hz	7		110x100	1/4
GW 63 258 H	3P+E	600 - 690 V	■	50/60 Hz	5		110x100	1/4
GW 63 259 H	3P+N+E	600 - 690 V	■	50/60 Hz	5		110x100	1/4
GW 63 260 H	2P+E	>50 V	■	100 - 300 Hz	10		110x100	1/4
GW 63 260 H	2P+E	>50 V	■	100 - 300 Hz	10		110x100	1/4
GW 63 261 H	3P+E	>50 V	■	100 - 300 Hz	10		110x100	1/4
GW 63 261 H	3P+E	>50 V	■	100 - 300 Hz	10		110x100	1/4
GW 63 262 H	3P+N+E	>50 V	■	100 - 300 Hz	10		110x100	1/4
GW 63 262 H	3P+N+E	>50 V	■	100 - 300 Hz	10		110x100	1/4
GW 63 263 H	2P+E	>50 V	■	>300 - 500 Hz	2		110x100	1/4
GW 63 264 H	3P+E	>50 V	■	>300 - 500 Hz	2		110x100	1/4
GW 63 265 H	3P+N+E	>50 V	■	>300 - 500 Hz	2		110x100	1/4
GW 63 266 H	3P+E	440 - 460 V	■	60 Hz	11		110x100	1/4
GW 63 267 H	3P+N+E	440 - 460 V	■	60 Hz	11		110x100	1/4
GW 63 268 H	2P+E	>50 - 250 V	■	d.c.	3		110x100	1/4
GW 63 269 H	2P+E	>250 V	■	d.c.	8		110x100	1/4
Rated current (A): 125								
GW 62 965 H	2P+E	100 - 130 V	■	50/60 Hz	4		114x114	1/2
GW 62 257 H	3P+E	100 - 130 V	■	50/60 Hz	4		114x114	1/2
GW 62 258 H	3P+N+E	100 - 130 V	■	50/60 Hz	4		114x114	1/2
GW 62 966 H	2P+E	200 - 250 V	■	50/60 Hz	6		114x114	1/2
GW 62 259 H	3P+E	200 - 250 V	■	50/60 Hz	9		114x114	1/2
GW 62 260 H	3P+N+E	200 - 250 V	■	50/60 Hz	9		114x114	1/2
GW 62 967 H	2P+E	380 - 415 V	■	50/60 Hz	9		114x114	1/2
GW 62 261 H	3P+E	380 - 415 V	■	50/60 Hz	6		114x114	1/2
GW 62 261 PH	3P+E	380 - 415 V	■	50/60 Hz	6	Pilot contact	114x114	1/2
GW 62 262 H	3P+N+E	346 - 415 V	■	50/60 Hz	6		114x114	1/2
GW 62 262 PH	3P+N+E	346 - 415 V	■	50/60 Hz	6	Pilot contact	114x114	1/2
GW 62 968 H	2P+E	480 - 500 V	■	50/60 Hz	7		114x114	1/2
GW 62 263 H	3P+E	480 - 500 V	■	50/60 Hz	7		114x114	1/2
GW 62 264 H	3P+N+E	480 - 500 V	■	50/60 Hz	7		114x114	1/2
GW 62 969 H	3P+E	600 - 690 V	■	50/60 Hz	5		114x114	1/2
GW 62 970 H	3P+N+E	600 - 690 V	■	50/60 Hz	5		114x114	1/2
GW 62 971 H	2P+E	>50 V	■	100 - 300 Hz	10		114x114	1/2
GW 62 971 H	2P+E	>50 V	■	100 - 300 Hz	10		114x114	1/2
GW 62 972 H	3P+E	>50 V	■	100 - 300 Hz	10		114x114	1/2
GW 62 972 H	3P+E	>50 V	■	100 - 300 Hz	10		114x114	1/2
GW 62 973 H	3P+N+E	>50 V	■	100 - 300 Hz	10		114x114	1/2
GW 62 973 H	3P+N+E	>50 V	■	100 - 300 Hz	10		114x114	1/2
GW 62 974 H	2P+E	>50 V	■	>300 - 500 Hz	2		114x114	1/2
GW 62 975 H	3P+E	>50 V	■	>300 - 500 Hz	2		114x114	1/2
GW 62 976 H	3P+N+E	>50 V	■	>300 - 500 Hz	2		114x114	1/2
GW 62 977 H	3P+E	440 - 460 V	■	60 Hz	11		114x114	1/2
GW 62 978 H	3P+N+E	440 - 460 V	■	60 Hz	11		114x114	1/2

NOTES: all products are packaged individually. Halogen-free according to EN 60754-2.

GW63249PH, GW63253PH, GW63254PH, GW62261PH, GW62262PH: socket-outlets with pilot contact and direct screw wiring.

CHARACTERISTICS: connection technology with mantle terminals. nickel-plated contacts. All the versions are available with a pilot contact upon request.

FLUSH-MOUNTING SOCKET-OUTLETS WITH CLEAN CONTACT - 125 A - IP67



GW 68 785

LOW VOLTAGE SCREW WIRING 10° ANGLED FLUSH-MOUNTING INTERLOCKED SOCKET-OUTLETS 125A



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Flange dimensions (mm)	Pack Carton
GW 68 785	3P+E	380-415 V	■	50/60 Hz	6	114x114	1
GW 68 786	3P+N+E	380-415 V	■	50/60 Hz	6	114x114	1

CHARACTERISTICS: the socket-outlets are equipped with a NO contact (mechanically activated by the plug pilot) to allow the creation of the electric interlock circuit. nickel-plated contacts.

NOTES: Products will be supplied with the new version, as shown in the picture, only after having sold out the previous one.

62 - LOW VOLTAGE SCREW WIRING 10° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS

IP44



GW 62 404

LOW VOLTAGE SCREW WIRING 10° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 62 401	2P+E	100-130 V	■	50/60 Hz	4	40
GW 62 402	3P+E	100-130 V	■	50/60 Hz	4	20
GW 62 403	3P+N+E	100-130 V	■	50/60 Hz	4	20
GW 62 404	2P+E	200-250 V	■	50/60 Hz	6	40
GW 62 405	3P+E	200-250 V	■	50/60 Hz	9	20
GW 62 406	3P+N+E	200-250 V	■	50/60 Hz	9	20
GW 62 407	2P+E	380-415 V	■	50/60 Hz	9	20
GW 62 408	3P+E	380-415 V	■	50/60 Hz	6	40
GW 62 409	3P+N+E	380-415 V	■	50/60 Hz	6	40
GW 62 410	3P+E	480-500 V	■	50/60 Hz	7	20
GW 62 411	3P+N+E	480-500 V	■	50/60 Hz	7	20
Rated current (A): 32						
GW 62 412	2P+E	100-130 V	■	50/60 Hz	4	16
GW 62 413	3P+E	100-130 V	■	50/60 Hz	4	16
GW 62 414	3P+N+E	100-130 V	■	50/60 Hz	4	16
GW 62 415	2P+E	200-250 V	■	50/60 Hz	6	16
GW 62 416	3P+E	200-250 V	■	50/60 Hz	9	16
GW 62 417	3P+N+E	200-250 V	■	50/60 Hz	9	16
GW 62 418	2P+E	380-415 V	■	50/60 Hz	9	16
GW 62 419	3P+E	380-415 V	■	50/60 Hz	6	16
GW 62 420	3P+N+E	380-415 V	■	50/60 Hz	6	16
GW 62 421	3P+E	480-500 V	■	50/60 Hz	7	14
GW 62 422	3P+N+E	480-500 V	■	50/60 Hz	7	14

CHARACTERISTICS: nickel-plated contacts. Ø 29 mm cable gland.

NOTE: all products are packaged individually.

Products will be supplied with the new version, as shown in the picture, only after having sold out the previous one.

IP67



GW 62 430

LOW VOLTAGE SCREW WIRING 10° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 62 423	2P+E	100-130 V	■	50/60 Hz	4	20
GW 62 424	3P+E	100-130 V	■	50/60 Hz	4	20
GW 62 425	3P+N+E	100-130 V	■	50/60 Hz	4	20
GW 62 426	2P+E	200-250 V	■	50/60 Hz	6	40
GW 62 427	3P+E	200-250 V	■	50/60 Hz	9	20
GW 62 428	3P+N+E	200-250 V	■	50/60 Hz	9	20
GW 62 429	2P+E	380-415 V	■	50/60 Hz	9	20
GW 62 430	3P+E	380-415 V	■	50/60 Hz	6	40
GW 62 431	3P+N+E	380-415 V	■	50/60 Hz	6	40
GW 62 432	3P+E	480-500 V	■	50/60 Hz	7	20
GW 62 433	3P+N+E	480-500 V	■	50/60 Hz	7	20
Rated current (A): 32						
GW 62 434	2P+E	100-130 V	■	50/60 Hz	4	16
GW 62 435	3P+E	100-130 V	■	50/60 Hz	4	16
GW 62 436	3P+N+E	100-130 V	■	50/60 Hz	4	16
GW 62 437	2P+E	200-250 V	■	50/60 Hz	6	16
GW 62 438	3P+E	200-250 V	■	50/60 Hz	9	16
GW 62 439	3P+N+E	200-250 V	■	50/60 Hz	9	16
GW 62 440	2P+E	380-415 V	■	50/60 Hz	9	16
GW 62 441	3P+E	380-415 V	■	50/60 Hz	6	16
GW 62 442	3P+N+E	380-415 V	■	50/60 Hz	6	16
GW 62 443	3P+E	480-500 V	■	50/60 Hz	7	14
GW 62 444	3P+N+E	480-500 V	■	50/60 Hz	7	14
GW 62 556	3P+E	380-440 V	■	50/60 Hz	3	16

CHARACTERISTICS: PG21 cable gland. Nickel-plated contacts.

NOTE: all products are packaged individually.

Products will be supplied with the new version, as shown in the picture, only after having sold out the previous one.

63 - LOW VOLTAGE SCREW WIRING 10° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS

IP67



GW 63 453

LOW VOLTAGE SCREW WIRING 10° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS FOR HIGH CURRENTS



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 63						
GW 63 445	2P+E	100-130 V	■	50/60 Hz	4	2/4
GW 63 446	3P+E	100-130 V	■	50/60 Hz	4	2/4
GW 63 447	3P+N+E	100-130 V	■	50/60 Hz	4	2/4
GW 63 448	2P+E	200-250 V	■	50/60 Hz	6	2/4
GW 63 449	3P+E	200-250 V	■	50/60 Hz	9	2/4
GW 63 450	3P+N+E	200-250 V	■	50/60 Hz	9	2/4
GW 63 451	2P+E	380-415 V	■	50/60 Hz	9	2/4
GW 63 452	3P+E	380-415 V	■	50/60 Hz	6	2/4
GW 63 453	3P+N+E	380-415 V	■	50/60 Hz	6	2/4
GW 63 454	3P+E	480-500 V	■	50/60 Hz	7	2/4
GW 63 455	3P+N+E	480-500 V	■	50/60 Hz	7	2/4

CHARACTERISTICS: cable gland PG36. Equipped with pilot contact. nickel-plated contacts.

NOTE: all products are packaged individually.

Products will be supplied with the new version, as shown in the picture, only after having sold out the previous one.

62 - LOW VOLTAGE SCREW WIRING 90° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS

IP44



GW 62 481

LOW VOLTAGE SCREW WIRING 90° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 62 474	2P+E	100-130 V	■	50/60 Hz	4	20
GW 62 475	3P+E	100-130 V	■	50/60 Hz	4	20
GW 62 476	3P+N+E	100-130 V	■	50/60 Hz	4	20
GW 62 477	2P+E	200-250 V	■	50/60 Hz	6	20
GW 62 478	3P+E	200-250 V	■	50/60 Hz	9	20
GW 62 479	3P+N+E	200-250 V	■	50/60 Hz	9	20
GW 62 480	2P+E	380-415 V	■	50/60 Hz	9	20
GW 62 481	3P+E	380-415 V	■	50/60 Hz	6	20
GW 62 482	3P+N+E	380-415 V	■	50/60 Hz	6	20
GW 62 483	3P+E	480-500 V	■	50/60 Hz	7	20
GW 62 484	3P+N+E	480-500 V	■	50/60 Hz	7	20
Rated current (A): 32						
GW 62 485	2P+E	100-130 V	■	50/60 Hz	4	16
GW 62 486	3P+E	100-130 V	■	50/60 Hz	4	16
GW 62 487	3P+N+E	100-130 V	■	50/60 Hz	4	16
GW 62 488	2P+E	200-250 V	■	50/60 Hz	6	16
GW 62 489	3P+E	200-250 V	■	50/60 Hz	9	16
GW 62 490	3P+N+E	200-250 V	■	50/60 Hz	9	16
GW 62 491	2P+E	380-415 V	■	50/60 Hz	9	16
GW 62 492	3P+E	380-415 V	■	50/60 Hz	6	16
GW 62 493	3P+N+E	380-415 V	■	50/60 Hz	6	16
GW 62 494	3P+E	480-500 V	■	50/60 Hz	7	16
GW 62 495	3P+N+E	480-500 V	■	50/60 Hz	7	16

CHARACTERISTICS: Ø 20 mm cable gland for 16 A versions; Ø 23 mm cable gland for 32 A versions. nickel-plated contacts.

NOTE: all products are packaged individually.

Products will be supplied with the new version, as shown in the picture, only after having sold out the previous one.

IP67



GW 62 499

LOW VOLTAGE SCREW WIRING 90° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 16						
GW 62 496	2P+E	100-130 V	■	50/60 Hz	4	20
GW 62 497	3P+E	100-130 V	■	50/60 Hz	4	20
GW 62 498	3P+N+E	100-130 V	■	50/60 Hz	4	20
GW 62 499	2P+E	200-250 V	■	50/60 Hz	6	20
GW 62 501	3P+E	200-250 V	■	50/60 Hz	9	20
GW 62 502	3P+N+E	200-250 V	■	50/60 Hz	9	20
GW 62 503	2P+E	380-415 V	■	50/60 Hz	9	20
GW 62 504	3P+E	380-415 V	■	50/60 Hz	6	20
GW 62 505	3P+N+E	380-415 V	■	50/60 Hz	6	20
GW 62 506	3P+E	480-500 V	■	50/60 Hz	7	20
GW 62 507	3P+N+E	480-500 V	■	50/60 Hz	7	20
Rated current (A): 32						
GW 62 508	2P+E	100-130 V	■	50/60 Hz	4	16
GW 62 509	3P+E	100-130 V	■	50/60 Hz	4	16
GW 62 510	3P+N+E	100-130 V	■	50/60 Hz	4	16
GW 62 511	2P+E	200-250 V	■	50/60 Hz	6	16
GW 62 512	3P+E	200-250 V	■	50/60 Hz	9	16
GW 62 513	3P+N+E	200-250 V	■	50/60 Hz	9	16
GW 62 514	2P+E	380-415 V	■	50/60 Hz	9	16
GW 62 515	3P+E	380-415 V	■	50/60 Hz	6	16
GW 62 516	3P+N+E	380-415 V	■	50/60 Hz	6	16
GW 62 517	3P+E	480-500 V	■	50/60 Hz	7	16
GW 62 518	3P+N+E	480-500 V	■	50/60 Hz	7	16
GW 62 557	3P+E	380-440 V	■	50/60 Hz	3	16

CHARACTERISTICS: PG21 cable gland.

NOTE: all products are packaged individually.

Products will be supplied with the new version, as shown in the picture, only after having sold out the previous one.

62/63 - LOW VOLTAGE SCREW WIRING 90° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS

IP67



GW 63 527

LOW VOLTAGE SCREW WIRING 90° ANGLED SURFACE-MOUNTING SOCKET-OUTLETS FOR HIGH CURRENTS



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Pack Carton
Rated current (A): 63						
GW 63 519	2P+E	100-130 V	■	50/60 Hz	4	2/4
GW 63 520	3P+E	100-130 V	■	50/60 Hz	4	2/4
GW 63 521	3P+N+E	100-130 V	■	50/60 Hz	4	2/4
GW 63 522	2P+E	200-250 V	■	50/60 Hz	6	2/4
GW 63 523	3P+E	200-250 V	■	50/60 Hz	9	2/4
GW 63 524	3P+N+E	200-250 V	■	50/60 Hz	9	2/4
GW 63 525	2P+E	380-415 V	■	50/60 Hz	9	2/4
GW 63 526	3P+E	380-415 V	■	50/60 Hz	6	2/4
GW 63 527	3P+N+E	380-415 V	■	50/60 Hz	6	2/4
GW 63 528	3P+E	480-500 V	■	50/60 Hz	7	2/4
GW 63 529	3P+N+E	480-500 V	■	50/60 Hz	7	2/4
Rated current (A): 125						
GW 62 530	3P+E	100-130 V	■	50/60 Hz	4	1/2
GW 62 531	3P+N+E	100-130 V	■	50/60 Hz	4	1/2
GW 62 532	3P+E	200-250 V	■	50/60 Hz	9	1/2
GW 62 533	3P+N+E	200-250 V	■	50/60 Hz	9	1/2
GW 62 534	3P+E	380-415 V	■	50/60 Hz	6	1/2
GW 62 535	3P+N+E	380-415 V	■	50/60 Hz	6	1/2
GW 62 536	3P+E	480-500 V	■	50/60 Hz	7	1/2
GW 62 537	3P+N+E	480-500 V	■	50/60 Hz	7	1/2

CHARACTERISTICS: PG36 cable gland for 63A versions; PG48 cable gland for 125A versions. Versions with pilot contact. nickel-plated contacts.

NOTE: all products are packaged individually.

Products will be supplied with the new version, as shown in the picture, only after having sold out the previous one.

FLUSH-MOUNTING SOCKETS FOR SPECIFIC USES



GW 62 204

LOW VOLTAGE SCREW WIRING 10° ANGLED FLUSH-MOUNTING SOCKET-OUTLETS WITH REDUCED DIMENSION FLANGE



Code	No. of poles	Rated voltage	Colour	Frequency	Reference h	Flange dimensions (mm)	Pack Carton
Rated current (A): 16							
GW 62 204	2P+E	200-250 V	■	50/60 Hz	6	62x62	10/100

CHARACTERISTICS: nickel-plated contacts. For use in restricted spaces.



GW 62 393

DOMESTIC SOCKET OUTLET - IP54



Code	No. of poles	Rated current (A)	Rated voltage	Colour	Frequency	Flange dimensions (mm)	Pack Carton
Standard: German							
GW 62 393	2P+E	16	230 V	■	50/60 Hz	50x50	1/20
GW 62 392	2P+E	16	200-250 V	■	50/60 Hz	85x75	1/12
Standard: French							
GW 62 394	2P+E	16	230 V	■	50/60 Hz	50x50	1/20

CHARACTERISTICS: domestic socket-outlets equipped with child protection (shutter) and with rear connection.

NOTES: domestic socket-outlets 50x50 mm can be installed also on flanges 85x75 mm using the adapter code GW68281.

IEC 309 HP



4 IP DEGREES FOR TOTAL PROTECTION



The HP straight plugs and socket-outlets are the first and only on the electrotechnical field with IP68 and IP69 degrees of protection. Nickel plating of pins and sleeves also offers the best protection against corrosion, oxidation and abrasion, even in critical environmental conditions.

EXCELLENT RESISTANCE TO STRESS



The use of high-performance technopolymers and the inness of rubberised surfaces to protect the areas most at risk of knocks (in all 63-125 A versions) offer excellent resistance to mechanical stress (IK09, equivalent to 10 J), also at low temperatures (down to -25 °C).

SAFE AND INTUITIVE ASSEMBLY



The 16-32 A versions are distinguished by their patented closure with ¼ turn SAFE-LOCK system, whereas the 63-125 A versions have captive screws on brass inserts with a wider contrast flange "embedded" in the straight connectors/plugs body.

New range of plugs and socket-outlets meeting the dimensional, construction/performance and safety requisites defined by the international Standards IEC 60309-1 and IEC 60309-2, subsequently assimilated at European level as EN 60309-1 and EN 60309-2.

Technical data and compliance with Standards

ELECTRICAL CHARACTERISTICS						
Rated current (In) (A)	Rated frequency (Hz)	Rated voltage Un (V)	Permissible overload (A)	No. of operations carried out	Breaking capacity at 1.1 Un (A)	Insulation resistance (MΩ)
16	50/60 100 ÷ 300 > 300 ÷ 500 direct current	> 50 ÷ 690 transformer	22	> 5000	20	> 10
32			42	> 2000	40	
63	50/60 100 ÷ 300 > 300 ÷ 500 direct current	> 50 ÷ 690	-	> 2000	79	> 10
125			> 500	156		

MECHANICAL AND PHYSICAL CHARACTERISTICS					
Operating temperature (°C)	Degree of protection (IP)	Impact resistance (IK)	Heat resistance	Resistance to abnormal heat and fire	
			Thermo-pressure with ball (°C)	Glow wire test (°C)	
-25 ÷ +55	Straight plugs and sockets HP*: IP44/IP54 e IP66/IP67/IP68/IP69	Straight plugs and sockets HP: IK 09	125 (active parts) 80 (passive parts)	850 (active parts) 650 (passive parts)	
	10° flush-mounting sockets HP: IP44/IP54 e IP66/IP67	10° flush-mounting sockets HP: IK 09			
	Other: IP44 e IP67	Other: IK 08			

(* Although the international product standard EN 60309 does not currently require it, these products have been voluntarily subjected to tests with degrees of protection higher than IP66/IP67.

IP68: 2 bar/6 h according to EN 60529 standard after aging test in conformity with EN 60309 standards.

IP69: according to IEC 60529 standard after aging test in conformity with EN 60309 standards.

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS										
Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Not resistant	Limited resistance	Limited resistance	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant