



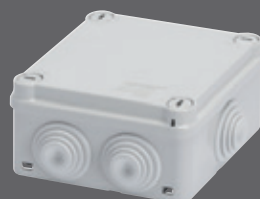
## BUILDING

### PRODUCT CATALOGUE

**GEWISS**



2018  
2019

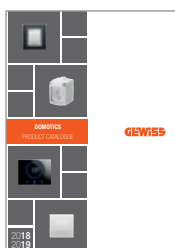


GEWISS is an international leader in the production of systems and components for low voltage electrical installations. The fact that development is seen as a constant management feature has permitted GEWISS to assert itself as a reference interlocutor for the electrotechnical market in the creation of solutions for domotics, energy and the lighting industry. It is now present in Italy, France, Germany, the United Kingdom, Spain, Portugal, China, Russia, Turkey, Romania, Chile, the United Arab Emirates, and in a further 80 countries around the world.



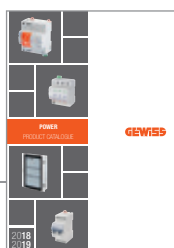
## BUILDING

Junction boxes and special containers, a complete and coordinated line of distribution boards, cutting-edge industrial connections and an integrated system of boards for special systems create the GEWISS distribution systems.



## DOMOTICS

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



## POWER

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





## LIGHTING

Lighting systems designed for every room, area and location. Solutions that embrace LED technology to meet the requirements of industrial and commercial sector contexts, sport facilities and emergency lighting.

Discover the complete offer  
[www.gewiss.com](http://www.gewiss.com)

# GEWISS distribution and connection systems.

GEWISS offers a complete industrial power distribution and supply system to meet every need. Construction sites distribution systems (68 Q-BOX/Q-DIN range), energy and service distribution terminal system (68 Q-MC range) and distribution boards (68 Q-DIN range) combined with plugs and socket-outlets (IEC 309 range) or interlocked socket-outlet systems (IB range). GEWISS, market leader in the junction boxes and enclosures sectors, provides also a complete, co-ordinated range of surface and flush-mounting distribution enclosures and boards. GEWISS conduits, accessories and cable trays are able to connect all the elements of the Integrated Electrical System.

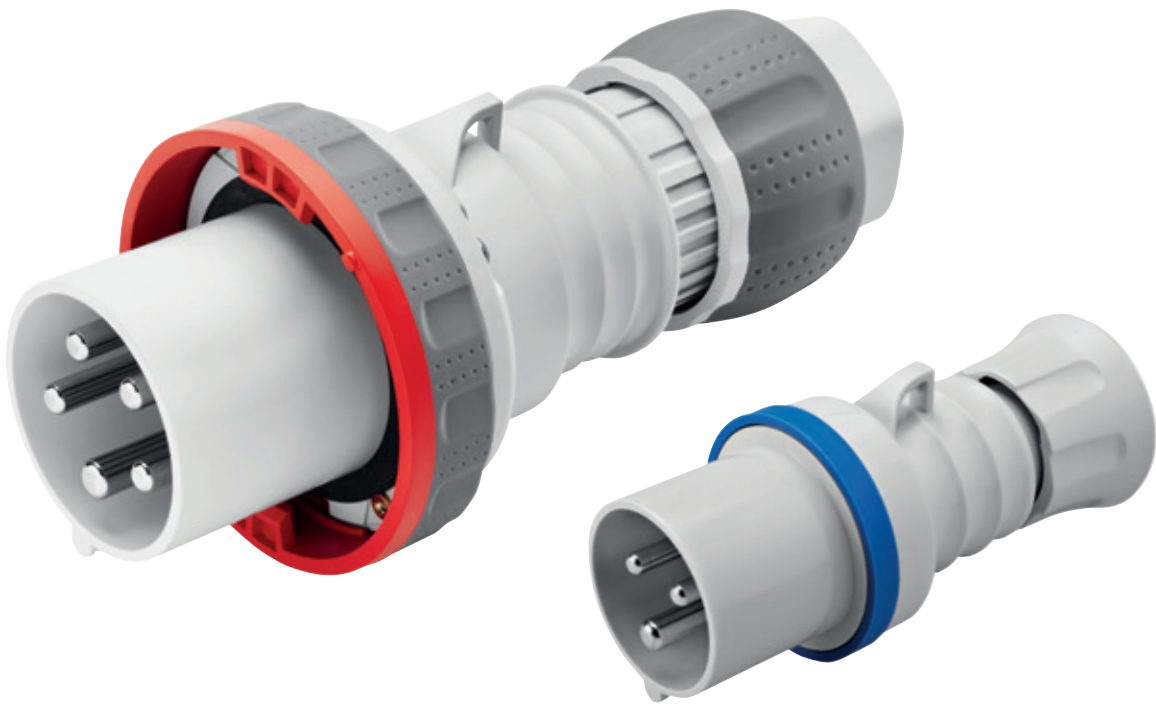
<p><b>IEC 309</b></p>  <p><i>page 6</i></p>	<p><b>IB</b></p>  <p><i>page 18</i></p>	<p><b>68 Q-DIN</b></p>  <p><i>page 26</i></p>	<p><b>68 ACS</b></p>  <p><i>page 30</i></p>	<p><b>68 Q-MC</b></p>  <p><i>page 36</i></p>	<p><b>JOINON</b></p>  <p><i>page 46</i></p>
<p><b>70 RT HP</b></p>  <p><i>page 50</i></p>	<p><b>74 PS</b></p>  <p><i>page 54</i></p>	<p><b>46</b></p>  <p><i>page 58</i></p>	<p><b>40 CD</b></p>  <p><i>page 62</i></p>	<p><b>42 RV</b></p>  <p><i>page 68</i></p>	<p><b>44 CE</b></p>  <p><i>page 69</i></p>
<p><b>GW Connect</b></p>  <p><i>page 73</i></p>	<p><b>Domo Center</b></p>  <p><i>page 76</i></p>	<p><b>Green Wall</b></p>  <p><i>page 78</i></p>	<p><b>40 CDi</b></p>  <p><i>page 82</i></p>	<p><b>48</b></p>  <p><i>page 88</i></p>	<p><b>24SC</b></p>  <p><i>page 88</i></p>
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# IEC 309 plugs and socket-outlets

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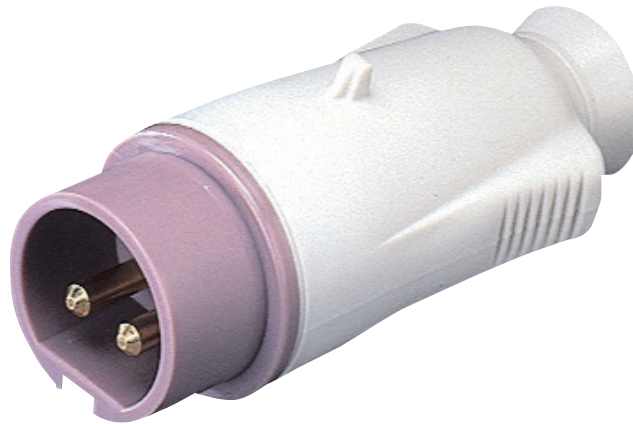
## IEC 309 HP

PLUGS AND SOCKET-OUTLETS IEC 309 STANDARD



## IEC 309 BTS

EXTRA-LOW VOLTAGE PLUGS AND SOCKET-OUTLETS IEC 309 STANDARD



## IEC 309 MA

MULTIPLE SOCKETS AND ADAPTOR FOR INDUSTRIAL AND DOMESTIC USE, PROTECTED AND WATERTIGHT



## IEC 309 HP: a byword for perfection

IEC 309 HP - HIGH PERFORMANCE is a complete range of mobile plugs and mobile and flush-mounting socket-outlets for currents from 16A to 125A available in protected version (IP44/IP54) and in watertight version (up to IP66/IP67/IP68/IP69). The product is at the **top of its segment in terms of reliability, practicality, performance** and technical characteristics when

it comes to industrial connections. All the products of the range are distinguished by their coordinated, modern, practical design that makes them instantly recognisable and adds extra value to the entire GEWISS system of industrial connections. Total protection, mechanical robustness, ergonomics: the IEC 309 HP range is a byword for perfection.



### Total protection

GEWISS is the world's first manufacturer to offer "total" protection against the infiltration of solid bodies and/or liquids. Apart from the IP66/IP67 degrees of protection in fact, the IEC 309 HP straight plugs and sockets also have two extra degrees of protection - IP68 and IP69.



### Safe and robust

The materials and considerable thickness guarantee excellent resistance to mechanical stress (IK09), even at low temperatures (down to -25°C). The range offers performance levels that are decidedly superior to both the regulation standards and market standards.



### Practical, functional and ergonomic

Its ergonomics and technical details make the new range unique: the technical solutions are designed to facilitate and speed up the installation phase whilst still ensuring GEWISS' renowned attention to quality and safety.

## The innovative aspects of the IEC 309 HP range

### IEC 309 HP 16-32A



#### Fast phases reverse

Versions IEC 309 HP INVERTER allow the fast exchange of two phases by using a screwdriver to reverse the direction of rotation of three-phase motors.



#### Connection speed, simplicity and safety

The technical and functional aspects of the fast-wiring versions reduce the connection times (compared with traditional versions) by half. This solution uses levers that are easy to open and close, and they're coloured to ensure the polarities can be immediately identified. In the screw wiring versions, all the screws face in the same direction and are completely loosened.

#### Fast, safe closure in every situation

SAFE-LOCK is the new body-grip closure system based on 1/4 turn coupling and anti-slackening friction. The 1/4 turn safety screw shows clearly whether the system is open or closed, and it can be used time and time again.

### IEC 309 HP 63-125A



#### Maximum impact resistance

The structural design uses inserts in **overprinted rubber** to protect the parts particularly subject to impact, and employs top quality technopolymers. The body-grip closure system has stainless steel screws and brass inserts embedded in the body. This guarantees greater impact resistance, even when the product is used in heavy-duty conditions.



#### Easy, accurate wire tightening

The cable fastener gland, with radial precision tightening, offers **the widest selection of diameters** available on the market. Thanks to the sizing of the cable relief, the shape, and the overprinted rubber parts of the ring nut, it's extremely easy to tighten the wire, even by hand. The back part of the ring nut also has a large, firm area for carrying out opening and closing operations with tools.

#### Safe connection

The connection of the wire using screw terminals with indirect tightening ensures the highest possible level of safety, guaranteeing the best possible contact surface and pressure even with non-terminated wires. The nickel-coating on the plug pins and sleeves, and the **"HIGH QUALITY CONTACT"** offer the maximum reliability of the electrical connection.

# IEC 309 PLUGS AND SOCKET-OUTLETS IEC 309 STANDARDS

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
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
	> 50 V	100 ÷ 300 Hz	2P+E	10		GW 60 704 H		GW 60 738 H
			3P+E	10		GW 60 705 H		GW 60 739 H
	> 50 V	> 300 ÷ 500 Hz	3P+N+E	10		GW 60 706 H		GW 60 740 H
			2P+E	2		GW 60 707 H		GW 60 741 H
	440 ÷ 460 V	60 Hz	3P+E	2		GW 60 708 H		GW 60 742 H
			3P+N+E	2		GW 60 709 H		GW 60 743 H
380 V / 440 V	50 Hz / 60 Hz	3P+E	11		GW 60 710 H		GW 60 744 H	
		3P+N+E	11		GW 60 711 H		GW 60 745 H	
transf.	50/60 Hz	3P+E	3		GW 60 712 H		GW 60 746 H	
		3P+N+E	3		GW 60 713 H		GW 60 747 H	
> 50 ÷ 250V	dc	2P+E	12		GW 60 714 H		GW 60 748 H	
		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
	> 50 V	100 ÷ 300 Hz	2P+E	10		GW 60 721 H		GW 60 755 H
			3P+E	10		GW 60 722 H		GW 60 756 H
	> 50 V	> 300 ÷ 500 Hz	3P+N+E	10		GW 60 723 H		GW 60 757 H
			2P+E	2		GW 60 724 H		GW 60 758 H
	440 ÷ 460 V	60 Hz	3P+E	2		GW 60 725 H		GW 60 759 H
			3P+N+E	2		GW 60 726 H		GW 60 760 H
380 V / 440 V	50 Hz / 60 Hz	3P+E	11		GW 60 727 H		GW 60 761 H	
		3P+N+E	11		GW 60 728 H		GW 60 762 H	
transf.	50/60 Hz	3P+E	3		GW 60 729 H		GW 60 145 H	
		3P+N+E	3		GW 60 730 H		GW 60 146 H	
> 50 ÷ 250V	dc	2P+E	12		GW 60 731 H		GW 60 764 H	
		3P+E	12		GW 60 732 H		GW 60 765 H	
> 250V	dc	2P+E	3		GW 60 733 H		GW 60 766 H	
		2P+E	8		GW 60 734 H		GW 60 767 H	

\* Straight plugs with phase inverters.





### 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/IP54		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	
	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	Use with high frequencies
	GW 62 703 H		GW 62 737 H		GW 62 803 H		GW 62 837 H	
	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	
	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	Marine, port and naval, installations
	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	Refrigeration containers
	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	Isolation transformers
	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	Use in direct current
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	
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	Standard use
	GW 62 718 H		GW 62 752 H		GW 62 818 H		GW 62 852 H	
	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	
	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	Use with high frequencies
	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	
	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	
	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	
	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	
	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 PLUGS AND SOCKET-OUTLETS IEC 309 STANDARDS

## 63A AND 125A LOW-VOLTAGE INDUSTRIAL PLUGS AND SOCKET-OUTLETS TO IEC 309 STANDARD - IEC 309 HP





Rated current (In)	Rated voltage (Un)	Frequency	Poles	Ref. h	Straight plugs IP44/IP54	Straight plugs IP66/IP67/IP68/IP69
						
					Screw wiring	Screw wiring
63A	100 ÷ 130V	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 ÷ 250V	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 ÷ 415V	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
			3P+N+E	6	GW 61 021 H	GW 61 053 H
	480 ÷ 500V	50/60 Hz	2P+E	7		GW 61 056 H
			3P+E	7		GW 61 054 H
			3P+N+E	7		GW 61 055 H
	600 ÷ 690V	50/60 Hz	3P+E	5		GW 61 057 H
			3P+N+E	5		GW 61 058 H
	> 50V	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
	> 50V	> 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 ÷ 460V	60 Hz	3P+E	11		GW 61 065 H	
		3P+N+E	11		GW 61 066 H	
> 50 ÷ 250V	D.C.	2P+E	3		GW 61 067 H	
	D.C.	2P+E	8		GW 61 068 H	
125A	100 ÷ 130V	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 ÷ 250V	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 ÷ 415V	50/60 Hz	2P+E	9		GW 60 666 H
			3P+E	6		GW 60 060 H
			3P+N+E	6		GW 60 061 H
	480 ÷ 500V	50/60 Hz	2P+E	7		GW 60 667 H
			3P+E	7		GW 60 062 H
			3P+N+E	7		GW 60 063 H
	600 ÷ 690V	50/60 Hz	3P+E	5		GW 60 668 H
			3P+N+E	5		GW 60 669 H
	> 50V	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
	> 50V	> 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 ÷ 460V	60 Hz	3P+E	11		GW 60 676 H	
		3P+N+E	11		GW 60 677 H	


Note: plugs fitted with drive contact  
 (\*) socket-outlets with drive contact and direct screw wiring  
 (\*\*) socket-outlets with clean contact IP67

**63A AND 125A LOW-VOLTAGE INDUSTRIAL PLUGS AND SOCKET-OUTLETS TO IEC 309 STANDARD - IEC 309 HP**







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

# IEC 309 PLUGS AND SOCKET-OUTLETS IEC 309 STANDARDS

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
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	3P+E	4			
3P+N+E				4				
200 ÷ 250 V		50/60 Hz	3P+E	9				
			3P+N+E	9				
380 ÷ 415 V		50/60 Hz	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	Use with particular voltage
GW 60 422	GW 60 444	GW 62 422	GW 62 444	GW 62 495	GW 62 518	Refrigeration containers
	GW 60 482		GW 62 556		GW 62 557	
	GW 61 445		GW 63 445		GW 63 519	Standard use
	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	
	GW 61 455		GW 63 455		GW 63 529	Use with particular voltage
	GW 60 456				GW 62 530	Standard use
	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 PLUGS AND SOCKET-OUTLETS IEC 309 STANDARDS


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


Rated current (In)	Rated Voltage (Un)	Frequency	Po-les	Reference h	Stright plugs IP44	90° plugs IP44	Straight flush-mounting inlets IP44	90° surface mounting inlets IP44	Straight connectors IP44	10° flush-mounting socket-outlets IP44	10° flush-mounting socket-outlets IP67	10° surface-mounting socket-outlets IP44	90° surface-mounting socket-outlets IP44
													
16 A	20 ÷ 25 V	50/60 Hz	2P	-	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
		50/60 Hz	3P	-	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
	40 ÷ 50 V	50/60 Hz	2P	12	GW 60 066	GW 60 129	GW 60 247	GW 60 466	GW 62 066	GW 62 267		GW 62 458	GW 62 540
		50/60 Hz	3P	12	GW 60 067	GW 60 130	GW 60 248	GW 60 467	GW 62 067	GW 62 268		GW 62 459	GW 62 541
	20 ÷ 25 V and 40 ÷ 50 V	100+200 Hz	2P	4	GW 60 068	GW 60 131	GW 60 249	GW 60 468	GW 62 068	GW 62 269		GW 62 460	GW 62 542
		100+200 Hz	3P	4	GW 60 069	GW 60 132	GW 60 250	GW 60 469	GW 62 069	GW 62 270		GW 62 461	GW 62 543
		>400+500 Hz	2P	11	GW 60 070	GW 60 133	GW 60 251	GW 60 470	GW 62 070	GW 62 271		GW 62 462	GW 62 544
	20 ÷ 25 V and 40 ÷ 50 V	>400+500 Hz	3P	11	GW 60 071	GW 60 134	GW 60 252	GW 60 471	GW 62 071	GW 62 272		GW 62 463	GW 62 545
		dc	2P	10	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 A	20 ÷ 25 V	50/60 Hz	2P	-	GW 60 073	GW 60 136	GW 60 254	GW 60 473	GW 62 073	GW 62 274		GW 62 465
50/60 Hz			3P	-	GW 60 074	GW 60 137	GW 60 255	GW 60 474	GW 62 074	GW 62 275		GW 62 466	GW 62 548
40 ÷ 50 V		50/60 Hz	2P	12	GW 60 075	GW 60 138	GW 60 256	GW 60 475	GW 62 075	GW 62 276		GW 62 467	GW 62 549
		50/60 Hz	3P	12	GW 60 076	GW 60 139	GW 60 257	GW 60 476	GW 62 076	GW 62 277		GW 62 468	GW 62 550
20 ÷ 25 V and 40 ÷ 50 V		100+200 Hz	2P	4	GW 60 077	GW 60 140	GW 60 258	GW 60 477	GW 62 077	GW 62 278		GW 62 469	GW 62 551
		100+200 Hz	3P	4	GW 60 078	GW 60 141	GW 60 259	GW 60 478	GW 62 078	GW 62 279		GW 62 470	GW 62 552
		>400+500 Hz	2P	11	GW 60 079	GW 60 142	GW 60 260	GW 60 479	GW 62 079	GW 62 280		GW 62 471	GW 62 553
20 ÷ 25 V and 40 ÷ 50 V		>400+500 Hz	3P	11	GW 60 080	GW 60 143	GW 60 261	GW 60 480	GW 62 080	GW 62 281		GW 62 472	GW 62 554
		dc	2P	10	GW 60 081	GW 60 144	GW 60 262	GW 60 481	GW 62 081	GW 62 282		GW 62 473	GW 62 555

## MULTIPLE SOCKET COUPLERS



	MULTIPLE SOCKET COUPLERS							
	Type	INPUT				COUPLER OUTPUTS		
Rated current (In)		Rated Voltage (Un)	Poles	Reference h	No. 2 socket-outlets 16A	No. 3 socket-outlets 16A	No. 3 socket-outlets 32A	
	Without cable	16 A	100 ÷ 130 V	2P+E	4	GW 64 008	GW 64 022	
			3P+E	4		GW 64 023		
			200 ÷ 250 V	2P+E	6	GW 64 010	GW 64 024	
				3P+E	9	GW 64 011	GW 64 025	
			380 ÷ 415 V	3P+N+E	9	GW 64 012	GW 64 026	
				3P+E	9	GW 64 013	GW 64 027	
32 A	380 ÷ 415 V	3P+N+E	6	GW 64 014	GW 64 028			
	With cable	16 A	100 ÷ 130 V	2P+E	4		GW 64 050	
			200 ÷ 250 V	2P+E	6		GW 64 052	
			380 ÷ 415 V	3P+E	6		GW 64 055	
				3P+N+E	6		GW 64 056	




## MULTIPLE SOCKET ADAPTORS

	MULTIPLE SOCKET ADAPTORS							
	Rated current (In)	Rated Voltage (Un)	Poles	Reference h	OUTLETS			Code
2P+E 230 V~					3P+E 400 V~	3P+N+E 400 V~		
	16 A	380 ÷ 415 V	3P+N+E	6	2x16A		1x16A	GW 64 059
					1x16A	1x16A	1x16A	GW 64 060
32 A	200 ÷ 250 V	2P+E	6	6	3x16A			GW 64 062
					1x16A	1x16A	1x16A	GW 64 063
					2x16A		1x32A	GW 64 064
63 A	380 ÷ 415 V	3P+N+E	6	6	1x32A	1x32A	1x32A	GW 64 061
					2x32A		1x63A	GW 64 065

	PHASE INVERTER						
	INPUT				OUTLETS		
	Rated current (In)	Rated Voltage (Un)	Poles	Reference h	No. 1 socket outlets		Code
					3P+E 400 V~	3P+N+E 400 V~	
	16 A	380 ÷ 415 V	3P+E	6	1x16A		GW 64 066
			3P+N+E	6		1x16A	GW 64 067

Important notice: the range of multiple socket adaptors, adaptors and shunts should be considered an integral part of the electrical system, since they are products suitable only for temporary, trailing installations and connections, and not for permanent applications. Furthermore, the range cannot be used in areas with a fire hazard.

	SYSTEM ADAPTORS										
	INPUT					DOMESTIC SOCKET-OUTLET					INDUSTRIAL SOCKET-OUTLET
	Type	Rated current (In)	Rated Voltage (Un)	Poles	Reference h	N. 2 outputs 2P+E 16A dual amp. (P17/ P11)	No. 1 output 2P+E 16A dual amp. (P30/ P17)	No. 1 output 2P+E 10/16A German Std.	No. 1 output 2P+E 16A French Std.	No. 1 output 2P+E 13A British Std.	
	IEC 309 industrial plug	16 A	200 ÷ 250 V	2P+E	6	GW 64 211					
							GW 64 212				
								GW 64 210			
									GW 64 203		
										GW 64 204	
GW 64 206 fitted for other combinations											
	Domestic sockets		380 ÷ 415 V	3P+N+E	6	GW 64 216					
							GW 64 217				
						GW 64 207 fitted for other combinations					
										2P+E 16A 250V S17	GW 64 208
										2P+E 16A 250V German/French Std.	GW 64 209

	SYSTEM BRANCHED ADAPTORS											
	INPUT					OUTPUT				Code		
	Type	Rated current (In)	Rated Voltage (Un)	Poles	Reference h	INDUSTRIAL IEC 309	DOMESTIC					
	IEC 309 industrial plug	16 A	200 ÷ 250 V	2P+E	6	•	•		No. 2 socket-outlets 2P+E 16A dual amp. (P17/P11)		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
						•				•		GW 64 236
	Cable with IEC309 plug		380 ÷ 415 V	3P+N+E	6	•			No. 1 socket-outlet 2P+E 16A dual amp. (P30/P17)		GW 64 237	
						•	Fitted for No. 2+2 SYSTEM modules					GW 64 237
						•			•		GW 64 256	
	Cable with domestic plug		200 ÷ 250 V	2P+E S17		2P+E 16A - 230V				•	GW 64 263	
						Fitted for cable and plug					2P+E 16A - 230V	Fitted for No. 2+2 SYSTEM modules

Important notice: the range of multiple socket adaptors, adaptors and shunts should be considered an integral part of the electrical system, since they are products suitable only for temporary, trailing installations and connections, and not for permanent applications. Furthermore, the range cannot be used in areas with a fire hazard.

# Interlocked socket-outlet IEC 309 standard

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## 67 IB

VERTICAL INTERLOCKED SOCKET-OUTLETS IEC 309 STANDARD



## 66 IB

VERTICAL INTERLOCKED SOCKET-OUTLETS IEC 309 STANDARD FOR HEAVY DUTY APPLICATION





## COMBIBLOC

COMPACT INTERLOCKED SOCKET-OUTLETS IEC 309 STANDARD



## 44 IB

HORIZONTAL INTERLOCKED SOCKET-OUTLETS IEC 309 STANDARD



## IB range: there's no one better than us

The interlocked switched socket-outlet system, which complies with standard IEC 309, is composed of the 67 IB range (vertical interlocked switched socket-outlets), the 66 IB range (vertical interlocked switched socket-outlets for heavy-duty applications), the 44 IB range (horizontal protected interlocked switched socket-outlets) and the COMBIBLOC range (compact interlocked switched socket-outlets).

### 67 IB - vertical sockets

Watertight vertical socket-outlets IP67 with current from 16A to 63A, available in versions: with rotary switch (SBF), with rotary switch and fuse holder base (CBF), and with MCB integrated (AUTOMATIKA). Design co-ordinated with high performance blu fronts, guaranteeing resistance against impact, chemical agents, and UV rays.



### 66 IB - for heavy duty

The 66 IB range is suitable to be installed in heavy-duty environments and wherever conditions are critical from an atmospheric, chemical and mechanical point of view.



### 44 IB - horizontal socket

44 IB range is ideally suited to use in light industry and the commercial sector. Their compact shape dimensions make it possible to fit a large number of socket-outlet in a small amount of space.



### COMBIBLOC - compact versions

COMBIBLOC range is the most compact range of interlocked sockets for industrial application on the market, and are characterised by the simple and intuitive longitudinal operation of their mechanical interlock.

## The innovative aspects of the 67 IB range

### **AUTOMATIKA** - WITH CIRCUIT BREAKER PROTECTION (MCB)



**Reduced space into the boards**



**Control LED for each single line**



**MCB can be reset using external handle**

### **SBF** - WITH ROTARY SWITCH, WITHOUT FUSE HOLDER BASE



**Lockable in ON/OFF position**



**The control switch guarantees top electric performance**



**Easy wiring and maintenance**

### **CBF** - WITH ROTARY SWITCH, WITH FUSE HOLDER BASE



**Automatic safety closing mechanism**













**The fuses are automatically removed from the base**















**Fuse system closing by hand**















# IB INTERLOCKED SOCKET-OUTLET IEC 309 STANDARDS

				VERTICAL SOCKET-OUTLETS - 67 IB						VERTICAL SOCKET-OUTLETS FOR HEAVY DUTY USE - 66 IB		
												
Rated current (In)	Rated Voltage (Un)	No. of poles	Reference h	Vertical socket-outlets with MCB, without bottom (AUTOMATIKA) <b>IP67</b>	Vertical socket-outlets with MCB, with bottom (AUTOMATIKA) <b>IP67</b>	Vertical socket-outlets with rotary switch, without bottom (SBF) <b>IP67</b>	Vertical socket-outlets with rotary switch, with bottom (SBF) <b>IP67</b>	Vertical socket-outlets with fuse-holder base, without bottom (CBF) <b>IP67</b>	Vertical socket-outlets with fuse-holder base, with bottom (CBF) <b>IP67</b>	Vertical socket-outlets with rotary switch, without bottom <b>IP66</b>	Vertical socket-outlets with rotary switch, with bottom <b>IP66</b>	Vertical socket-outlets with fuse-holder base, without bottom <b>IP66</b>
16A	20 ÷ 25V	2P	w.r.			GW 66 359 N	GW 66 259 N					GW 66 886
	100 ÷ 130V	2P+E	4	GW 66 151 N	GW 66 051 N	GW 66 301 N	GW 66 201 N	GW 66 323 N	GW 66 223 N	GW 66 535	GW 66 501	GW 66 801
		3P+E	4	GW 66 152 N	GW 66 052 N	GW 66 302 N	GW 66 202 N	GW 66 324 N	GW 66 224 N	GW 66 536	GW 66 502	GW 66 802
		3P+N+E	4	GW 66 153 N	GW 66 053 N	GW 66 303 N	GW 66 203 N	GW 66 325 N	GW 66 225 N	GW 66 537	GW 66 503	GW 66 803
	200 ÷ 250V	2P+E	6	GW 66 154 N	GW 66 054 N	GW 66 304 N	GW 66 204 N	GW 66 326 N	GW 66 226 N	GW 66 538	GW 66 504	GW 66 804
		3P+E	9	GW 66 155 N	GW 66 055 N	GW 66 305 N	GW 66 205 N	GW 66 327 N	GW 66 227 N	GW 66 539	GW 66 505	GW 66 805
		3P+N+E	9	GW 66 156 N	GW 66 056 N	GW 66 306 N	GW 66 206 N	GW 66 328 N	GW 66 228 N	GW 66 540	GW 66 506	GW 66 806
	380 ÷ 415V	2P+E	9	GW 66 157 N	GW 66 057 N	GW 66 307 N	GW 66 207 N	GW 66 329 N	GW 66 229 N	GW 66 541	GW 66 507	GW 66 807
		3P+E	6	GW 66 158 N	GW 66 058 N	GW 66 308 N	GW 66 208 N	GW 66 330 N	GW 66 230 N	GW 66 542	GW 66 508	GW 66 808
		3P+N+E	6	GW 66 159 N	GW 66 059 N	GW 66 309 N	GW 66 209 N	GW 66 331 N	GW 66 231 N	GW 66 543	GW 66 509	GW 66 809
480 ÷ 500V	3P+E	7			GW 66 310 N	GW 66 210 N	GW 66 332 N	GW 66 232 N	GW 66 544	GW 66 510	GW 66 810	
	3P+N+E	7			GW 66 311 N	GW 66 211 N	GW 66 333 N	GW 66 233 N	GW 66 545	GW 66 511	GW 66 811	
32A	100 ÷ 130V	2P+E	4	GW 66 162 N	GW 66 062 N	GW 66 312 N	GW 66 212 N	GW 66 334 N	GW 66 234 N	GW 66 546	GW 66 512	GW 66 812
		3P+E	4	GW 66 163 N	GW 66 063 N	GW 66 313 N	GW 66 213 N	GW 66 335 N	GW 66 235 N	GW 66 547	GW 66 513	GW 66 813
		3P+N+E	4	GW 66 164 N	GW 66 064 N	GW 66 314 N	GW 66 214 N	GW 66 336 N	GW 66 236 N	GW 66 548	GW 66 514	GW 66 814
	200 ÷ 250V	2P+E	6	GW 66 165 N	GW 66 065 N	GW 66 315 N	GW 66 215 N	GW 66 337 N	GW 66 237 N	GW 66 549	GW 66 515	GW 66 815
		3P+E	9	GW 66 166 N	GW 66 066 N	GW 66 316 N	GW 66 216 N	GW 66 338 N	GW 66 238 N	GW 66 550	GW 66 516	GW 66 816
		3P+N+E	9	GW 66 167 N	GW 66 067 N	GW 66 317 N	GW 66 217 N	GW 66 339 N	GW 66 239 N	GW 66 551	GW 66 517	GW 66 817
	380 ÷ 415V	2P+E	9	GW 66 168 N	GW 66 068 N	GW 66 318 N	GW 66 218 N	GW 66 340 N	GW 66 240 N	GW 66 552	GW 66 518	GW 66 818
		3P+E	6	GW 66 169 N	GW 66 069 N	GW 66 319 N	GW 66 219 N	GW 66 341 N	GW 66 241 N	GW 66 553	GW 66 519	GW 66 819
		3P+N+E	6	GW 66 170 N	GW 66 070 N	GW 66 320 N	GW 66 220 N	GW 66 342 N	GW 66 242 N	GW 66 554	GW 66 520	GW 66 820
	480 ÷ 500V	3P+E	7			GW 66 321 N	GW 66 221 N	GW 66 343 N	GW 66 243 N	GW 66 555	GW 66 521	GW 66 821
3P+N+E		7			GW 66 322 N	GW 66 222 N	GW 66 344 N	GW 66 244 N	GW 66 556	GW 66 522	GW 66 822	
3P+E		3			GW 66 357 N	GW 66 257 N	GW 66 358 N	GW 66 258 N	GW 66 557	GW 66 523	GW 66 823	
63A	100 ÷ 130V	2P+E	4			GW 67 356 N	GW 67 256 N	GW 66 345 N	GW 67 245 N		GW 66 524	
		3P+E	4			GW 67 357 N	GW 67 257 N	GW 66 346 N	GW 67 246 N		GW 66 525	
		3P+N+E	4			GW 67 358 N	GW 67 258 N	GW 66 347 N	GW 67 247 N		GW 66 526	
	200 ÷ 250V	2P+E	6			GW 67 359 N	GW 67 259 N	GW 66 348 N	GW 67 248 N		GW 66 527	
		3P+E	9			GW 67 360 N	GW 67 260 N	GW 66 349 N	GW 67 249 N		GW 66 528	
		3P+N+E	9			GW 67 361 N	GW 67 261 N	GW 66 350 N	GW 67 250 N		GW 66 529	
	380 ÷ 415V	2P+E	9			GW 67 362 N	GW 67 262 N	GW 66 351 N	GW 67 251 N		GW 66 530	
		3P+E	6			GW 67 363 N	GW 67 263 N	GW 66 352 N	GW 67 252 N		GW 66 531	
		3P+N+E	6			GW 67 364 N	GW 67 264 N	GW 66 353 N	GW 67 253 N		GW 66 532	
	480 ÷ 500V	3P+E	7			GW 67 365 N	GW 67 265 N	GW 66 354 N	GW 67 254 N		GW 66 533	
3P+N+E		7			GW 67 366 N	GW 67 266 N	GW 66 355 N	GW 67 255 N		GW 66 534		
125A	100 ÷ 130V	3P+E	4								Vertical surface-mounting socket-outlets with electric interlock, with circuit breaker protection	GW 66 581
		3P+N+E	4									GW 66 582
	200 ÷ 250V	3P+E	9									GW 66 583
		3P+N+E	9									GW 66 584
	380 ÷ 415V	3P+E	6									GW 66 585
		3P+N+E	6									GW 66 586
	480 ÷ 500V	3P+E	7									GW 66 587
		3P+N+E	7									GW 66 588

The codes with the suffix "N" refer to the products of the new range of IP67 vertical interlocked switched socket-outlets, and correspond to the product codes of the previous range without the letter "N" (apart from the Automatika version); they can therefore be installed on the Q-DIN boards of the old SBF versions, allowing any replacement or modification even on boards already installed. Using the GW 66 715 N adapters for 16-32A versions, and GW 66 716 N for 63A versions, they can also be installed on the Q-DIN boards or modular bases of the old CBF IP55 versions.

VERTICAL SOCKET-OUTLETS FOR HEAVY DUTY USE - 66 IB			HORIZONTAL SOCKET-OUTLETS - 44 IB				COMPACT SOCKET-OUTLETS - COMBIBLOC				
											
Vertical socket-outlets with fuse-holder base, with bottom <b>IP 66</b>	Vertical socket-outlets for modular devices, without bottom <b>IP 66</b>	Vertical socket-outlets for modular devices, with bottom <b>IP 66</b>	Horizontal socket-outlets with rotary switch, without bottom <b>IP 44</b>	Horizontal socket-outlets with rotary switch, with bottom <b>IP 44</b>	Horizontal socket-outlets with fuse-holder base, without bottom <b>IP 44</b>	Horizontal socket-outlets with fuse-holder base, with bottom <b>IP 44</b>	Compact socket-outlets with rotary switch, without bottom <b>IP 44</b>	Compact socket-outlets with rotary switch, with bottom <b>IP 44</b>	Compact socket-outlets with rotary switch, without bottom <b>IP 55</b>	Compact socket-outlets with rotary switch, with bottom <b>IP 55</b>	
GW 66 998											
GW 66 951	GW 66 824	GW 66 974	GW 66 101	GW 66 001	GW 66 123	GW 66 023	GW 66 423	GW 66 401	GW 66 467	GW 66 445	
GW 66 952	GW 66 825	GW 66 975	GW 66 102	GW 66 002	GW 66 124	GW 66 024	GW 66 424	GW 66 402	GW 66 468	GW 66 446	
GW 66 953	GW 66 826	GW 66 976	GW 66 103	GW 66 003	GW 66 125	GW 66 025	GW 66 425	GW 66 403	GW 66 469	GW 66 447	
GW 66 954	GW 66 827	GW 66 977	GW 66 104	GW 66 004	GW 66 126	GW 66 026	GW 66 426	GW 66 404	GW 66 470	GW 66 448	
GW 66 955	GW 66 828	GW 66 978	GW 66 105	GW 66 005	GW 66 127	GW 66 027	GW 66 427	GW 66 405	GW 66 471	GW 66 449	
GW 66 956	GW 66 829	GW 66 979	GW 66 106	GW 66 006	GW 66 128	GW 66 028	GW 66 428	GW 66 406	GW 66 472	GW 66 450	
GW 66 957	GW 66 830	GW 66 980	GW 66 107	GW 66 007	GW 66 129	GW 66 029	GW 66 429	GW 66 407	GW 66 473	GW 66 451	
GW 66 958	GW 66 831	GW 66 981	GW 66 108	GW 66 008	GW 66 130	GW 66 030	GW 66 430	GW 66 408	GW 66 474	GW 66 452	
GW 66 959	GW 66 832	GW 66 982	GW 66 109	GW 66 009	GW 66 131	GW 66 031	GW 66 431	GW 66 409	GW 66 475	GW 66 453	
GW 66 960	GW 66 833	GW 66 983	GW 66 110	GW 66 010	GW 66 132	GW 66 032					
GW 66 961	GW 66 834	GW 66 984	GW 66 111	GW 66 011	GW 66 133	GW 66 033					
GW 66 962	GW 66 835	GW 66 985	GW 66 112	GW 66 012	GW 66 134	GW 66 034	GW 66 434	GW 66 412	GW 66 478	GW 66 456	
GW 66 963	GW 66 836	GW 66 986	GW 66 113	GW 66 013	GW 66 135	GW 66 035	GW 66 435	GW 66 413	GW 66 479	GW 66 457	
GW 66 964	GW 66 837	GW 66 987	GW 66 114	GW 66 014	GW 66 136	GW 66 036	GW 66 436	GW 66 414	GW 66 480	GW 66 458	
GW 66 965	GW 66 838	GW 66 988	GW 66 115	GW 66 015	GW 66 137	GW 66 037	GW 66 437	GW 66 415	GW 66 481	GW 66 459	
GW 66 966	GW 66 839	GW 66 989	GW 66 116	GW 66 016	GW 66 138	GW 66 038	GW 66 438	GW 66 416	GW 66 482	GW 66 460	
GW 66 967	GW 66 840	GW 66 990	GW 66 117	GW 66 017	GW 66 139	GW 66 039	GW 66 439	GW 66 417	GW 66 483	GW 66 461	
GW 66 968	GW 66 841	GW 66 991	GW 66 118	GW 66 018	GW 66 140	GW 66 040	GW 66 440	GW 66 418	GW 66 484	GW 66 462	
GW 66 969	GW 66 842	GW 66 992	GW 66 119	GW 66 019	GW 66 141	GW 66 041	GW 66 441	GW 66 419	GW 66 485	GW 66 463	
GW 66 970	GW 66 843	GW 66 993	GW 66 120	GW 66 020	GW 66 142	GW 66 042	GW 66 442	GW 66 420	GW 66 486	GW 66 464	
GW 66 971	GW 66 844	GW 66 994	GW 66 121	GW 66 021	GW 66 143	GW 66 043					
GW 66 972	GW 66 845	GW 66 995	GW 66 122	GW 66 022	GW 66 144	GW 66 044					
GW 66 973	GW 66 846	GW 66 996									
GW 66 847		GW 66 866									
GW 66 848		GW 66 867									
GW 66 849		GW 66 868									
GW 66 850		GW 66 869									
GW 66 851		GW 66 870									
GW 66 852		GW 66 871									
GW 66 853		GW 66 872									
GW 66 854		GW 66 873									
GW 66 855		GW 66 874									
GW 66 856		GW 66 875									
GW 66 857		GW 66 876									
	Vertical surface-mounting socket-outlets with electric interlock with residual current circuit breaker protection										
	GW 66 591										
	GW 66 592										
	GW 66 593										
	GW 66 594										
	GW 66 595										
	GW 66 596										
	GW 66 597										
	GW 66 598										

# IB INTERLOCKED SOCKET-OUTLET IEC 309 STANDARDS

COMPLEMENTARY ITEMS									
		MODULAR BASES			DISTRIBUTION BOARDS				
									
		1 socket-outlet	2 socket-outlets	3 socket-outlets	1 socket-outlet	2 socket-outlets	3 socket-outlets	4 socket-outlets	
67 IB VERTICAL RANGE	 IP67 vertical socket-outlets with rotary switch (SBF), fuse-holder base (CBF), AUTOMATIKA 16/32A and SELV 24V	GW 66 690	GW 66 691	GW 66 694		GW 68 025 N (10 modules)	GW 68 010 N (14 modules)	GW 68 022 N (20 modules) 1 socket-outlet 63A 2 socket-outlets 16/32A	GW 68 015 N (20 modules)
	 IP67 vertical socket-outlets with rotary switch (SBF) or fuse-holder base (CBF) 63A	GW 66 693							
66 IB RANGE FOR HEAVY-DUTY USE	 IP66 vertical socket-outlets for heavy-duty use 16/32A	GW 66 696	GW 66 697	GW 66 698					
	 IP66 vertical socket-outlets for heavy-duty use 63A	GW 66 700							
COMBIBLOC RANGE	 IP44/55 compact protected watertight socket-outlets - 16/32A				GW 66 491	GW 66 492	GW 66 493		
44 IB HORIZONTAL RANGE	 IP44 horizontal socket-outlets without fuse-holder base (SBF) - 16/32A					GW 68 006 N (14 modules) GW 68 019 N (10 modules)			GW 68 009 N (14 modules)
	 IP44 horizontal socket-outlets with fuse-holder base (CBF) - 16/32A								GW 68 014 N (20 modules)

COMPLEMENTARY ITEMS							
MODULAR BASES WITH WINDOW PANEL				LID/BOXES			
							
1 socket-outlet	2 socket-outlets	3 socket-outlets	Flanged lid	Flush-mounting boxes (brick and plasterboard walls)	Surface-mounting box		
			GW 66 709 N	GW 66 683 N* (for brick walls)  GW 66 683 PM* (for plasterboard walls)	GW 66 678 N		GW 27 401
					GW 66 686 (for SBF)  GW 66 680 N (for CBF)		GW 27 403
GW 66 781 (6 modules)	GW 66 782 (12 modules)	GW 66 783 (18 modules)	GW 66 707		GW 66 685		IEC 309 HP range
GW 66 784 (6 modules)							IEC 309 range
				GW 66 498	GW 66 496		74 PS range
				GW 66 681 (for brick walls)  GW 66 681 PM (for plasterboard walls)	GW 66 676		GW 66 677
				GW 66 682 (for brick walls)  GW 66 682 PM (for plasterboard walls)	GW 66 677		

\* Cannot be used for SELV 24V

# IEC 309 combined boards

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## 68 Q-DIN

DISTRIBUTION BOARDS



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## 68 ACS

ACS DISTRIBUTION BOARD SYSTEM FOR CONSTRUCTION SITES



*page 30*



# 68 Q-MC

ENERGY AND SERVICE DISTRIBUTION PEDESTALS



### The industrial boards system for energy distribution

The 68 Q-DIN range is used in commercial and industrial contexts, and on construction sites.

They are the most compact models available on the market and come in both wired and unwired versions, in compliance with the IEC 61439 Standard.

Versions with 5, 10, 14 and 20 DIN modules (EN 50022), with an extra 14 or 20 modules available (up to a total of 40) to create more DIN space. IP65 protection degree guaranteed also by the innovative handle closure of the door.

For flush-mounting and interlocked socket-outlets from 16 to 63A, protected or watertight, and for domestic sockets SYSTEM range.

Available also versions to fix domestic sockets (German or French standard) dimensions 50x50 mm.

A wide range of accessories such as pole couplings, wall brackets, transportation handles and mobile supports complete the range and satisfy any requirement.



#### Up to 63A

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



#### More DIN space

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



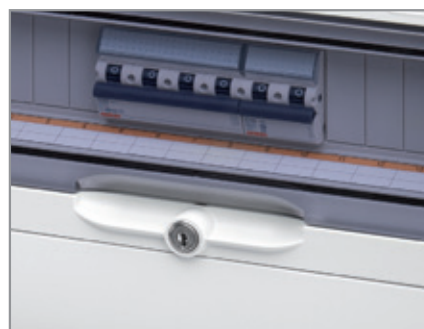
#### Emergency push-button

On versions with 10, 14 and 20 modules, an emergency push-button can be fitted on the top, where it is clearly recognisable and accessible.



**Wide and configurable range**

The power distribution board range is made up of 26 empty casings with IP65 degree of protection, for flush-mounted and interlocked socket-outlets up to 63A, and with numerous complementary items that increase the fields of application.



**Innovative technical solutions**































The boards have many innovative technical features, such as the ergonomic handle, which simplifies the opening of the door, and the screws to “hinge” the front facilitating wiring. Additional enclosures 14 and 20M modules are also available, ideal for increasing the modular space.























**Accessory combinations**

The boards can be equipped with a key lock with a metal cylinder and mushroom emergency button. They can be fixed to a pole, surface-mounted, flush-mounted or on accident prevention mobile supports.

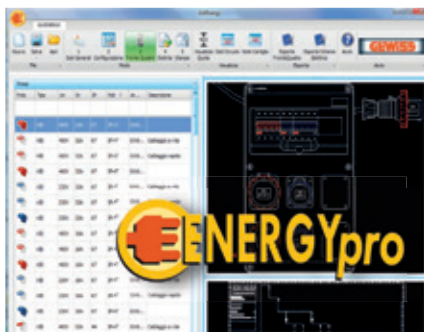
# 68 Q-DIN DISTRIBUTION BOARDS

UNWIRED VERSIONS				
Type	No. of EN 50022 modules	Code	Layout	Pre-arrangement
	5	GW 68 017 N		1 IEC 309 socket-outlet 16A IP44/67 or GW 27 401 or GW 27 403 watertight cap
		GW 68 018 N		2 IEC 309 socket-outlets 16A IP44/67 or GW 27401 or GW 27403 watertight cap
		GW 68 001 N		3 IEC 309 socket-outlets 16A IP44/67 or GW 27401 or GW 27403 watertight cap
		GW 68 031 N		3 IEC 309 socket-outlets 16A IP44/67 or GW 27 401 watertight cap and shockproof case
		GW 68 020 N		2 IEC 309 socket-outlets 16-32A IP44/67 or GW 27401 or GW 27403 watertight cap
		GW 68 026 N		4 domestic socket-outlets 50x50mm IP54
		GW 68 032 N		4 domestic socket-outlets 50x50mm IP54 and shockproof case
	10	GW 68 002 N		Blank
		GW 68 003 N		2 IEC 309 socket-outlets 16A max 3P+E IP44/67 or GW 27 401 watertight cap 2 IEC 309 socket-outlets 16-32A IP44/67 or GW 27401 - GW 27403 watertight cap
		GW 68 019 N		2 horizontal interlocked switched socket-outlets 44 IB range 16-32A IP44 with rotary switch (SBF)
		GW 68 025 N		2 vertical interlocked switched socket-outlets 67 IB range 16-32A IP67
		GW 68 027 N		3 domestic socket-outlets 50x50mm IP54 2 IEC 309 socket-outlets 16-32A IP44/67
	14	GW 68 004 N		Blank
		GW 68 005 N		3 IEC 309 socket-outlets 16-32A IP44/67 or GW 27 401 watertight cap
		GW 68 006 N		2 horizontal interlocked switched socket-outlets 44 IB range 16-32A IP44 with rotary switch (SBF)
		GW 68 007 N		Blank
		GW 68 008 N		6 IEC 309 socket-outlets 16-32A IP44/67 or GW 27401 or GW 27403 watertight cap
		GW 68 009 N		4 horizontal interlocked switched socket-outlets 44 IB range 16-32A IP44 with rotary switch (SBF)
		GW 68 010 N		3 vertical interlocked switched socket-outlets 67 IB range 16-32A IP67
	20	GW 68 012 N		Blank
		GW 68 013 N		8 IEC 309 socket-outlets 16-32A IP44/67 or GW 27401 or GW 27403 watertight cap
		GW 68 021 N		4 IEC 309 socket-outlets 16-32A IP44/67 or GW 27401 or GW 27403 watertight cap 2 IEC 309 socket-outlets 63A
		GW 68 014 N		4 horizontal interlocked switched socket-outlets 44 IB range 16-32A IP44 with fuse-holder base (CBF)
		GW 68 015 N		4 vertical interlocked switched socket-outlets 67 IB range 16-32A IP67 4 IEC 309 2P+E socket-outlets 16A IP44/67 or GW 27401 - GW 27403 watertight cap
		GW 68 022 N		2 vertical interlocked switched socket-outlets 67 IB range 16-32A IP67 1 vertical interlocked switched socket-outlet 67 IB range 63A IP67
	14	GW 68 023 N		14 gang additional module
	20	GW 68 024 N		20 gang additional module

WIRED VERSIONS							
Type	No. EN 50022 modules	Code	Layout	Equipment	Code	Layout	Equipment
	5	GW 68 212 N	 DBO	1 domestic socket-outlet 13A UK	GW 68 227 N	 DBO	1 IEC 309 - socket-outlet 2P+E 16A IP44 230V
		GW 68 225 N	 DBO	1 IEC 309 socket-outlet 2P+E 16A IP44 230V 1 Schuko domestic socket-outlet 10/16A	GW 68 226 N	 DBO	1 IEC 309 socket-outlet 2P+E 16A IP44 230V 1 IEC 309 socket-outlet 3P+E 16A IP44 400V
		GW 68 224 N	 DBO	1 IEC 309 socket-outlet 2P+E 16A IP44 230V 1 IEC 309 socket-outlet 3P+E 16A IP44 400V 1 Schuko domestic socket-outlet 10/16A			
	10	GW 68 202 N	 DBO	2 GW IEC 309 2P+T 16A IP44 230V 1 IEC 309 socket outlet 3P+E 16A IP44 400V 1 domestic socket-outlet 10/16A Schuko	GW 68 228 N	 DBO	1 IEC 309 socket-outlet 2P+E 16A IP44 230V 1 IEC 309 socket-outlet 3P+E 16A IP44 400V 1 IEC 309 socket-outlet 3P+N+E 16A IP44 400V 1 Schuko domestic socket-outlet 10/16A
		GW 68 232 N	 DBO	2 vert. interl.socket-outlets 2P+E 16A IP67 230V with rotary switch	GW 68 233 N	 DBO	1 vert. interl.socket-outlet 2P+E 16A IP67 230V 1 vert. interl.socket-outlet 3P+E 16A IP67 400V with rotary switch
	14	GW 68 205 N	 DBO	2 IEC 309 socket-outlets 2P+E 16A IP67 230V 1 IEC 309 socket-outlet 3P+E 16A IP67 400V			
		GW 68 229 N	 DBO	2 IEC 309 socket-outlets 2P+E 16A IP44 230V 1 IEC 309 socket-outlet 3P+E 16A IP44 400V 1 IEC 309 socket-outlet 3P+N+E 16A IP44 400V 1 IEC 309 socket-outlet 3P+E 32A IP44 400V 1 Schuko domestic socket-outlet 10/16A	GW 68 206 N	 DBO	2 German domestic socket-outlets 16A 2 IEC 309 socket-outlets 2P+E 16A IP44 230V 2 IEC 309 socket-outlets 3P+E 16A IP44 400V with H07 RN-F 25m cable, plug 3P+N+E 16A IP44 400V and metal support carriage with cable winder drum
		GW 68 206 N	 DBO	2 vert. interlocked switched socket-outlets 2P+E 16A IP67 230V 2 vert. interlocked switched socket-outlets 3P+E 16A IP67 400V with rotary switch	GW 68 230 N	 DBO	2 AUTOMATIKA vert. interlocked switched socket-outlets 2P+E 16A IP67 230V 1 AUTOMATIKA vert. interlocked switched socket-outlet 3P+N+E 16A IP67 400V
		GW 68 231 N	 DBO	1 AUTOMATIKA vert. interlocked switched socket-outlet 2P+E 16A IP67 230V 2 AUTOMATIKA vert. interlocked switched socket-outlets 3P+N+E 16A IP67 400V			
	20	GW 68 208 N	 DBO	2 vert. interlocked switched socket-outlets 2P+E 16A IP67 230V 1 vert. interlocked switched socket-outlet 3P+E 16A IP67 400V 1 vert. interlocked switched socket-outlet 3P+E 32A IP67 400V with rotary switch			

## A complete and flexible system for each construction site

The 68 ACS range is a unique solution for **construction site contexts**, consisting of boards **complying with Standard EN61439-4** and with lighting and signalling devices: a complete range of products to meet every electric need, from the smallest construction site to the biggest one. Gewiss' ACS system perfectly combines the various elements of the boards (casing, energy socket-outlets and protection devices) to guarantee the **excellent electric and design coordination** of the entire system, plus **high safety levels in all conditions**. These products are designed, in fact, to withstand the effects of wear, impact and the stress caused by atmospheric agents (bad weather, major temperature differences and long exposure to the sun) – typical features of open-air sites.



### A complete system

GEWISS offers a wide range of wired versions that are ready for use, and unwired versions that can be personalised to suit the specific construction site requirements.



### Up to 12 socket-outlets

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



### Up to 60 modules

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



### 68 QP ACS and 68 CDK ACS

The main **supply boards** for the construction site: installed immediately downstream from the energy meter, to protect the line from the delivery board to the main site distribution board. They are available in versions with power levels from 17 kW (32A) to 130 kW (250A), all fitted with an emergency push-button.



### 68 Q-BOX ACS

Thermoplastic **boards** with optimum impact and weather resistance, ideal for **primary and secondary distribution** on construction sites, shipbuilding sites or temporary uses. Available in two sizes, Q-BOX4 and Q-BOX6, they allow to house up to 12 interlocked socket-outlets or, alternatively, up to 60 DIN modules.




### 68 Q-DIN ACS



Mobile, transportable **terminal boards** that are especially suitable for powering mobile tools and equipment. The accessories - including handles, floor-mounting supports and wheeled carriages - make it extremely easy to move the boards around the site.

# 68 ACS ACS DISTRIBUTION BOARD SYSTEM FOR CONSTRUCTION SITES

## 68 QP ACS - WIRED MAIN BOARDS FOR CONSTRUCTION SITES

TYPE	DOOR	MAIN SWITCH			EMERGENCY KIT	POWER MAX (KW)	CODE
		N° OF POLES	In (A)	PROTECTION DEVICE			
	Blind	4	125	MCCB 125A 4P C 10kA + RCD adjustable - A Type	YES	65	GW 68 521
		4	160	MCCB 160A 4P C 16kA + ADD ON RCD "L" SHAPED adjustable	YES	85	GW 68 526
		4	250	MCCB 250A 4P C 36kA + ADD ON RCD "L" SHAPED adjustable	YES	130	GW 68 531

## 68 Q-BOX ACS - WIRED DISTRIBUTION BOARDS FOR CONSTRUCTION SITES


TYPE	TOTAL N. SOCKET OUTLETS	SOCKET-OUTLETS CONFIGURATION								MAIN RCBO		EMERGENCY KIT	POWER MAX (KW)		
		16A std. DE	16A 2P+E 230 V	16A 3P+E 400 V	16A 3P+N+E 400 V	32A 2P+E 230 V	32A 3P+E 400 V	32A 3P+N+E 400 V	63A 3P+E 400 V	63A 3P+N+E 400 V	N° OF POLES			In (A)	
  	4		4								2	32	YES	6	
			3	1								4	32	YES	17
			2	2								4	32	YES	17
			2	1	1							4	32	YES	17
			3			1						2	63	YES	12
			3				1					4	32	YES	17
			3					1				4	32	YES	17
			2	1			1					4	32	YES	17
			2	1	1			1				4	32	YES	17
			1	2				1				4	32	YES	17
	5		2	3							4	63	YES	33	
			3	1			1				4	63	YES	33	
			3	1				1			4	63	YES	33	
			2	2			1				4	63	YES	33	
			2	2				1			4	63	YES	33	
			2	1	1			1			4	63	YES	33	
			2	1			1		1		4	63	YES	33	
			2	1			1		1		4	63	YES	33	
			2		1			1		1	4	80	YES	42	
			2							1	4	80	YES	42	
	6		6								2	32	YES	6	
			4	2							4	32	YES	17	
			3	3							4	32	YES	17	
			3	2	1						4	32	YES	17	
			3	2			1				4	63	YES	33	
			3	2				1			4	63	YES	33	
			3	1	1		1				4	63	YES	33	
			3	1	1			1			4	63	YES	33	
			2	3			1				4	63	YES	33	
			2	2			1	1			4	63	YES	33	
		2	1	1		1	1			4	63	YES	33		
		2	2			2				4	63	YES	33		
		2	1	2			2			4	63	YES	33		
		2	1				3			4	63	YES	33		
8		3					2		1	4	100	YES	53		
		2					2		2	4	100	YES	53		
		4	3				1			4	63	YES	33		
	9	4	2	2				1		4	63	YES	33		
	11	4	3	2				1	1	4	100	YES	53		
	12		6	3	1				2		4	63	YES	33	
		12								2	63	YES	12		
		6	6							4	63	YES	33		

(\*) Versions where n.2 sockets-outlets 16A 2P+E are type IEC 309 (not interlocked)









## 68 Q-DIN ACS - WIRED MOBILE BOARDS FOR CONSTRUCTION SITES

TYPE	TOTAL N. SOCKET OUTLETS	IP DEGREE	SOCKET-OUTLETS CONFIGURATION							
			16A std. DE	16A 2P 24 V	16A 2P+E 230 V	16A 3P+E 400 V	16A 3P+N+E 400 V	32A 3P+E 400 V		32A 3P+N+E 400 V
	2	IP65		2						
	3	IP44	1		2					
		IP65			3					
		IP65			3					
		IP65			2	1				
		IP65			1	2				
		IP65				3				
	4	IP44	2		2					
		IP44	1		2	1				
		IP65			4					
		IP65			3	1				
		IP65			3		1			
		IP65			2	2				
		IP65				4				
		IP65			2	1		1		
	6	IP65			2					
		IP65		2	2					
		IP65			6					
		IP65			4	2				
		IP65			3	3				
8	IP65			3	2		1			
	IP44	2		2	2					
COMBIBLOC	3	IP44	2		2	2		2		
		IP55			2		1			
QMC	6	IP55			1		1		1	
		IP55			1		1		1	
	7	IP56			2	1	2		1	
IP56				7						
		IP56			4	1	1		1	

(\*) NOTE Version GW68223N with yellow shockproof case versions GW68401N, GW66388 ad GW68389 with metal conduit support versions GW68411N, GW68421N and GW68424N equipped with metal conduit carriage with two wheels

	MAIN RCBO		EMERGENCY KIT	POWER MAX (KW)	SOCKET TYPE		COMPLIMENTARY ITEMS
	N° OF POLES	In (A)			INTERLOCKED WITHOUT FUSE HOLDER (SBF)	FIXED IEC 309	
	2	16	-	3	GW 68 235 N		
	2	16	-	3		GW 68 241N	
	2	16	-	3		GW 68 217 N	 Security lock GW 40 422 (Q-DIN 10/14/20)
	2	16	-	3		GW 68 223 N*	
	4	16	-	8		GW 68 242 N	
	4	16	-	8		GW 68 243 N	
	4	16	-	8		GW 68 244 N	
	2	16	-	3		GW 68 203 N	 floor mounting support GW 68 431 (Q-DIN 10)
	4	16	-	8		GW 68 401 N*	GW 68 433 (Q-DIN 14/20)
	2	16	-	3		GW 68 216 N	
	4	16	-	8		GW 68 245 N	
	4	16	-	8		GW 68 246 N	
	4	16	-	8		GW 68 204 N	 Metal Carrier with two wheels GW 68 432 (Q-DIN 14/20)
	4	16	-	8		GW 68 247 N	
	4	63	-	33	GW 68 424 N*		
	2	16	-	3	GW 68 236 N		
	4	16	-	8		GW 68 248 N	
	4	32	-	17		GW 68 249 N	
	4	32	-	17		GW 68 250 N	
	4	32	-	17		GW 68 251 N	 Metallic transportation handle GW 68 436 N (Q-DIN 10/14/20)
	4	32	-	17		GW 68 411 N*	
	4	32	-	17		GW 68 421 N*	
	4	40	-	21	GW 66 388*		
	4	40	-	21	GW 66 389*		
	4	50	YES	26		GW 68 884 A	
	4	40	YES	21		GW 68 881 A	
	4	50	YES	26		GW 68 883 A	

## Design and safety for all needs

The pedestals of 68 Q-MC range are the ideal solution for the distribution of energy, water, data signal and services suitable for marine, camping and urban areas.

They are available in six different dimensions and in two material: stainless steel AISI 316L or thermoplastic.

The system combine an attractive design of sleek lines and geometries with top technical performance and best resistance to chemicals and atmospheric agents. They are available in version already wired and certified, or in empty configuration to be complete depending on different needs.



### Electronic system

The pedestal can also be equipped with an electronic management system that allow the owner of the implant to monitor the status of the pedestal in real time and manage the consumption of energy and water supply.



### Access control

The access control can be integrated in the system with 68 Q-MC terminal boards with electronic management in order to allow the access of people in determined areas, or to enable the use of specific services.



### Fire fighting

The fire fighting pedestal are estetically coordinated with the standard version in thermoplastic or in stainless steel material. They are pre-arranged for housing hose and lance or fire extinguisher.

## The innovative aspects of the 68 Q-MC range

### 68 Q-MC - MADE IN STAINLESS STEEL MATERIAL AISI 316L



**Double insulation**



**Water kit separated by energy supply**



**Top made in thermoplastic material to avoid burns**

### 68 Q-MC - MADE IN THERMOPLASTIC MATERIAL



**Available with current up to 400A**



**High capacity version with security door**



**Green version for E-bike recharging**

### EXAMPLE OF APPLICATION



**Ports and marine**



**Camping, park and green areas**




**Urban area, public market and industries**

# 68 Q-MC ENERGY AND SERVICE DISTRIBUTION PEDESTALS


## WIRED DISTRIBUTION PEDESTALS IN AISI 316L STAINLESS STEEL MATERIAL

EXAMPLE OF APPLICATION									
PORTS	CAMPSITES	URBAN AREAS	GARDENS, PARKS	BLOCK OF FLATS	INDUSTRIAL AREAS	TYPE		STAINLESS STEEL	IP DEGREE
•		•	•		•	GW 68 902	IP56		
•		•			•	GW 68 903	IP56		
•						GW 68 904	IP56		
	•	•			•	GW 68 905	IP56		

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

	CODE	CONFIGURATION
	GW 68 921	SUITABLE FOR 6 KG FIRE EXTINGUISHER
	GW 68 923	SUITABLE FOR VALVE, LANCE, SUPPORT AND HOSE
	GW 68 779	KIT CONTAINING LANCE, 15M HOSE, SUPPORT AND ACCESSORIES



## EMPTY DISTRIBUTION PEDESTAL Q-MC 63 X IN AISI 316 L STAINLESS STEEL

	CODE	CONFIGURATION	SIDE A	SIDE B
	GW 68 931	DOUBLE-SIDED	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel










**WIRED DISTRIBUTION PEDESTALS IN STAINLESS STEEL MATERIAL**

MAIN SWITCH	NO. OF MODULAR PROTECTION AND MONITORING DEVICES		TYPE AND NO. OF SOCKETS INSTALED		
	RESIDUAL CURRENT CIRCUIT BREAKERS 30mA AC		IEC 309 NON-INTERLOCKED	IEC 309 INTERLOCKED	
SWITCH DISCONNECTOR					
4P	2P	4P	2P+E	2P+E	3P+N+T
1x 32A	4 x 16A			4 x 16A	
1x 63A	2 x 16A	2 x 16A		2 x 16A	2 x 16A
1 da 80A	2 x 16A	2 x 32A		2 x 16A	2 x 32A
\		2 x 63A			2 x 63A
1x 32A	6 x 16A		6 x 16A		

**COMPONENTS FOR Q-MC 63 X IN AISI 316 L STAINLESS STEEL**
**TYPES OF PANELS**

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

# 68 Q-MC ENERGY AND SERVICE DISTRIBUTION PEDESTALS

WIRED DISTRIBUTION PEDESTALS IN INSULATING MATERIAL															
EXAMPLES OF APPLICATION												MAIN SWITCH			
Ports	Campsites	Urban areas	Gardens, parks	Block of flats	Itinerant road shows	Industrial areas	TYPE		BLUE VERSION	WHITE VERSION	GREEN VERSION	IP DEGREE	SWITCH DISCONNECTOR		
													2P	3P	4P
			•	•			Q-MC 16 B PEDESTAL		GW 68 841 A	GW 68 841 W		56			
									GW 68 842 A	GW 68 842 W		55			
					•		Q-MC 16 T PEDESTAL		GW 68 846 A	GW 68 846 W		55			
									GW 68 847 A	GW 68 847 W		55			
•		•		•		•	Q-MC 63 B PEDESTAL		GW 68 851 A	GW 68 851 W		56			1 x 32A
									GW 68 852 A	GW 68 852 W		56			1 x 32A
		•	•	•			Q-MC 63 B PEDESTAL				GW 68 855 G	56	1 x 40A		
•	•	•		•		•	Q-MC 63 E ELECTRONICS PEDESTAL		GW 68 876 A	GW 68 876 W		56			1 x 32A
									GW 68 877 A	GW 68 877 W		56			1 x 32A
									GW 68 878 A	GW 68 878 W		56			1 x 63A
•	•								GW 68 874 A	GW 68 874 W		56			
									GW 68 875 A	GW 68 875 W		56			
	•						Q-MC 63 C PEDESTAL		GW 68 856 A	GW 68 856 W		55	1 x 32A		
									GW 68 857 A	GW 68 857 W		56	1 x 40A		
									GW 68 858 A	GW 68 858 W		55	1 x 32A		
•		•		•		•	Q-MC 125 B PEDESTAL		GW 68 801 A	GW 68 801 W		44			1 x 32A
									GW 68 802 A	GW 68 802 W		44			1 x 63A
									GW 68 803 A	GW 68 803 W		56			1 x 63A
•	•					•	Q-MC 200 B PEDESTAL		GW 68 831 A	GW 68 831 W		44			1 x 32A
									GW 68 832 A	GW 68 832 W		44			1 x 32A
									GW 68 833 A	GW 68 833 W		44			1 x 32A
•	•						Q-MC 200 E ELECTRONICS PEDESTAL		GW 68 867 A	GW 68 867 W		55			
									GW 68 868 A	GW 68 868 W		55			
									GW 68 869 A	GW 68 869 W		55			


(\*) Residual current device Type A.











**WIRED DISTRIBUTION PEDESTALS IN INSULATING MATERIAL**

NO. OF MODULAR PROTECTION AND MONITORING DEVICES						TYPE AND NO. SOCKETS INSTALLED					
RESIDUAL CURRENT DEVICE 30mA AC		MINIATURE CIRCUIT BREAKERS C CHARACTERISTIC 6kA		RESIDUAL CURRENT CIRCUIT BREAKERS 30mA AC		NON-INTERLOCKED	IEC 309 INTERLOCKED			SPECIAL SOCKETS	ITA./GER.STD. DOMESTIC SOCKETS
2P	4P	2P	3P	2P	4P	2P+E	2P+E	3P+T	3P+N+T	RJ45+ TV/SAT	2P+E 10/16A
				1 x 16A			2 x 16A				
				1 x 16A			1 x 16A				2
	1 x 40A	4 x 16A				6 x 16A					2
	1 x 40A	3 x 16A	1 x 16A				2 x 16A	1 x 16A			2
				4 x 16A			4 x 16A				
				2 x 16A 2 x 32A			2 x 16A 2 x 32A				
				4 x 10A *							4
				4 x 16A			4 x 16A				
				3 x 16A	1 x 16A		3 x 16A		1 x 16A		
				4 x 32A			4 x 32A				
					2 x 63A				2 x 63A		
Earth leakage relay with external toroid		MTHP 4P C125 16kA							1 x 125A		
				4 x 6A			4 x 16A				
				8 x 6A		8 x 16A					
				4 x 6A		4 x 16A				2+2	
				4 x 16A			4 x 16A				
				2 x 16A	2 x 16A		2 x 16A		2 x 16A		
				1 x 16A	2 x 25A		1 x 16A		2 x 32A		
				4 x 10A			4 x 16A				
				6 x 10A			6 x 16A				
				8 x 10A			8 x 16A				
Earth leakage relay with external toroid		MTX 4P 250A Type N 36kA				Direct coupling without socket					
		MTX 4P 250A Type N 36kA				1 Interlocked socket-outlet 250A with electric management					
		MTX 4P 400A Type N 36 kA				1 Interlocked socket-outlet 400A with electric management					


# 68 Q-MC ENERGY AND SERVICE DISTRIBUTION PEDESTALS

FIRE-FIGHTING PEDESTALS			
	BLUE VERSION	WHITE VERSION	CONFIGURATION
	GW 68 721 A	GW 68 721 W	FITTED FOR 6KG FIRE EXTINGUISHER
	GW 68 723 A	GW 68 723 W	FITTED FOR 9KG FIRE EXTINGUISHER
	GW 68 722 A	GW 68 722 W	FITTED FOR LANCE, HOSE AND SUPPORT
	GW 68 729 A	GW 68 729 W	FITTED FOR LANCE, HOSE, SUPPORT AND 6KG FIRE EXTINGUISHER
	GW 68 779		KIT CONTAINING LANCE, 15M HOSE AND SUPPORT


	BLUE VERSION	WHITE VERSION	TYPE	CONFIGURATION
	GW 68 726 A	GW 68 726 W	standard	FITTED FOR LANCE, HOSE AND SUPPORT
	GW 68 728 A	GW 68 728 W	high capacity	
	GW 68 780			KIT CONTAINING LANCE, 20M HOSE, AND SUPPORT

EMPTY DISTRIBUTION PEDESTALS								
	TYPE	BLUE VERSION	WHITE VERSION	GREEN VERSION	EN 50022 MODULES	TAKE-OFF TYPE	SIDE A	SIDE B
	Q-MC 16 B PEDESTAL	GW 68 701 A	GW 68 701 W		18 (9x2)	Single-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 water kit
		GW 68 711 A	GW 68 711 W		18 (9x2)	Double-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel
	Q-MC 16 T PEDESTAL	GW 68 712 A	GW 68 712 W		18 (9x2)	Double-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel
	Q-MC 63 B PEDESTAL	GW 68 713 A	GW 68 713 W	GW 68 713 G	18 (9x2)	Double-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel
	Q-MC 63 C PEDESTAL	GW 68 714 A	GW 68 714 W		18 (9x2)	Double-sided	Empty compartment that can be equipped with 1 panel	Empty compartment that can be equipped with 1 panel
	Q-MC 63 C PEDESTAL	GW 68 716 A	GW 68 716 W		36 (9x4)	Double-sided	Empty compartment that can be equipped with 2 panels	Empty compartment that can be equipped with 2 panels
	Q-MC 125 B PEDESTAL	GW 68 715 A	GW 68 715 W		14	Single-sided	Empty compartment with blank retractable door that can be equipped with 1 panel	Empty compartment with blank retractable door that can be equipped with 1 panel
	Q-MC 200 B PEDESTAL	GW 68 717 A	GW 68 717 W		28 (14x2)	Double-sided	Empty compartment with blank retractable door that can be equipped with 2 panels	Empty compartment with blank retractable door that can be equipped with 2 panels

**COMPONENTS FOR Q-MC 16 B, 16 T, 63 B AND 63 C**
**TYPES OF PANELS**

	FOR INTERLOCKED SOCKET-OUTLET ASSEMBLY				FOR NON-INTERLOCKED SOCKET-OUTLET ASSEMBLY		
	BLUE VERSION	WHITE VERSION	GREEN VERSION	TYPE	NO.	TYPE	NO.
	GW 68 745 A	GW 68 745 W	GW 68 745 G	67 IB range Vertical IP67 16/32A	2		
	GW 68 746 A	GW 68 746 W		44 IB range Horizontal IP44 16/32A	2		
	GW 68 747 A	GW 68 747 W		COMBIBLOC range IP44 or IP55 16/32A	2	IEC309 flush-mounting sockets 16A or 85x75mm flanged lids	1
	GW 68 748 A	GW 68 748 W	GW 68 748 G			IEC309 flush-mounting sockets 16/32A or 85x75mm flanged lids	4
	GW 68 749 A	GW 68 749 W		67 IB range Vertical IP67 63A	1		
	GW 68 750 A	GW 68 750 W	GW 68 750 G	blank			

**COMPONENTS FOR Q-MC 125 B AND 200 B**
**TYPES OF PANELS**

	FOR INTERLOCKED SOCKET-OUTLET ASSEMBLY				FOR NON-INTERLOCKED SOCKET-OUTLET ASSEMBLY		
	BLUE VERSION	WHITE VERSION	TYPE	NO.	TYPE	NO.	
		GW 68 731 W	67 IB range Vertical IP67 16/32A	3			
		GW 68 732 W	44 IB range Horizontal IP44 16/32A	4			
		GW 68 733 W	COMBIBLOC range IP44 or IP55 16/32A	3	IEC309 flush-mounting sockets 16/32A or 85x75mm flanged lids	2	
		GW 68 734 W			IEC309 flush-mounting sockets 16/32A or 85x75mm flanged lids	6	
		GW 68 735 W	67 IB range Vertical IP67 63A	2			
		GW 68 736 W			IEC309 flush-mounting sockets 125A	1	
	GW 68 737 A	GW 68 737 W	blank				
	GW 68 741 A	GW 68 741 W	14-module control unit panel EN 50022				

# Electric vehicle recharging

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## R-Evolution

UNITS FOR ELECTRICAL VEHICLE RECHARGING





## The answer for smart mobility

E-Mobility, also known as electric mobility, has become one of the buzzwords of our time. The JOINON range represents a breakthrough in terms of solution for energy use, for both public and domestic area: in according with IEC 61851 standard, these products enable the connection and charging of all electric cars currently on the market.

The range consists of two product lines: the **JOINON EASY** range with its highly recognisable design, offering "simplified"

solutions for EV recharging, and the **JOINON PROFESSIONAL** range that includes versions with high technical performance, able to meet the most complex recharging requirements, and offering the possibility to be connected with web services.

Gewiss' EV recharging system is therefore ideal for any type of installation, guaranteeing specific, customised solutions to meet all the customer's needs.

## JOINON EASY

EASY products are made of green thermoplastic material for a highly recognisable design that can be easily identified even from a distance, and they are resistant to impact and UV rays (in accordance with EN62208).

The EASY recharging units are ideal in private and/or public contexts, allowing socket-outlet activation to be managed by means of rechargeable transponder keys with the aid of a programmer, guaranteeing optimum customisation flexibility with regards tariffs and recharging solutions.

The new product line offers the following versions:

- **EASY HOME:** surface-mounting recharging stations

in MODE 2 and MODE 3, available with either a mobile recharging connector (Type1 or Type2 and a 5-metre cable) or a fixed socket-outlet (Type 2) , and maximum power up to 4,6 kW;

- **EASY PARKING:** surface-mounting recharging stations in MODE 3, equipped with a fixed recharging socket-outlet (Type 2) with a power level of 7.4 - 22 kW for recharging the vehicle in little more than an hour at the most.

- **Q-MC E-bike** charging stations: compact terminals for recharging E-bikes.



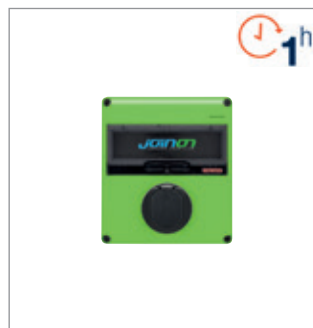
### EASY HOME

With a mobile connector or fixed socket-outlet (activated with a selector).



### EASY HOME M2

With domestic or industrial recharging socket-outlets (activated with a selector).



### EASY PARKING

With fixed socket-outlets (activated with a transponder key).



### Q-MC

Floor-mounting charging station for E-bike.



## JOINON PREMIUM

Premium models are made of aluminium with high impact resistance (IK 10) and are vandal-proof (anti-graffiti treatment).

They are conceived and designed for both indoor and outdoor installation, whether the installation is private or public.

The recharging operation can be activated by RFID card, or through a dedicated JOINON APP.

The product line has the following versions:

- **PARKING:** surface-mounting recharging stations in MODE 3, with a fixed recharging socket-outlet (Type2) with a

power level from 7,4 to 22 kW;

- **PARKING+:** floor-mounting outlet boxes with 2 recharging socket-outlets (Type2) with a power level from 7,4 to 22 kW;

- **STATION:** quick recharging stations in DC that can supply up to 50 kW per socket-outlet.



### PARKING

With a fixed socket-outlet Type 2 (activated with an RFID card or by APP).



### PARKING+

With 2 fixed socket-outlets Type 2 (activated with an RFID card or by APP).



### Q-MC

With a CHAdeMO or COMBO2 or Type 2 connector (activated with an RFID card or by APP).

## 70 RT HP

ROTARY ISOLATOR





## 74 PS

PUSH-BUTTONS, SELECTORS AND INDICATORS Ø 22MM



## High-performance surface-mounting rotary isolator

70 RT HP is a new range of 16A to 160A isolator in insulating material and metal, supplied in a box. Available in control and emergency versions, the range is completed by board versions for front-panel or DIN rail assembly, from 16 to 63A options, all of which can be equipped with auxiliary contacts. These devices have been designed for deliver the ultimate

in reliability, functionality and performance, offering a technologically advanced solution that simplifies installation, reduces wiring times and ensures maximum safety and robustness, even in the most demanding conditions, thanks to the use of high-performance materials.



- The only system with a IP66/IP67/IP69 degree of protection
- The fastest front opening/closure system available
- Simple and convenient to assemble
- High resistance to shocks and mechanical stresses
- Resistant to UV rays and chemical agents
- Modern and ergonomic design and coordinated aesthetics from 16 to 160A



Indoor applications



Outdoor applications



ATEX applications

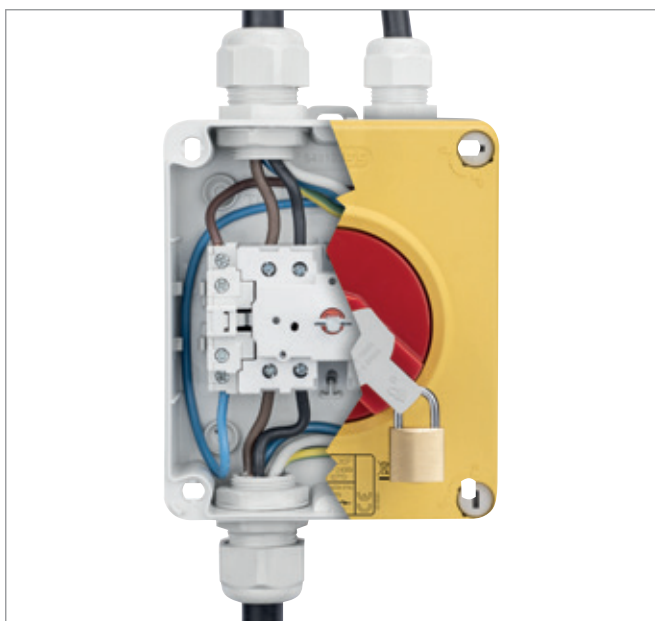
## The innovative features of the 70 RT HP range



**TOTAL PROTECTION:** These rotary switch disconnectors come in a plastic box, and offer a degree of protection of IP66/IP67/IP69, thus ensuring that products are fully guarded against dusts and liquids, even when exposed to high pressure and high temperature jets of water, making them particularly suitable for even the most demanding application environments.



**QUICK ASSEMBLY:** The front is fixed in place with four ¼ turn plumbable captive screws, a simple and innovative system that enables the front to be fixed or removed in significantly less time than any other system available on the market today.















**RELIABILITY:** The rotary switch disconnecter is at the heart of the new product offering. Indeed, this device is fundamental to ensuring reliability when sectioning an electrical line/network, and for this reason, it has been designed to ensure optimal electrical performance, allowing even highly inductive motors to be managed under load (AC23A utilisation category).



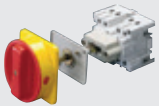




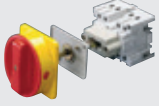







**VERSATILE AND INNOVATIVE:** A host of technical solutions have been introduced with the new plastic box switch isolators, designed to facilitate installation: features such as the double metric inputs on the upper and lower sides, the external points for surface mounting and plenty of internal space for wiring make these products extremely easy to assemble and install.

# 70 RT HP ROTARY CONTROL SWITCH DISCONNECTORS

In		ISOLATORS - 70 RT HP RANGE			
		VERSION: SURFACE-MOUNTING IN PLASTIC BOX		VERSION: SURFACE-MOUNTING IN METAL BOX	
		CONTROL	EMERGENCY	CONTROL	EMERGENCY
POLES					
		Dim: 125 x 150 x 75,5 mm	Dim: 125 x 150 x 75,5 mm	Dim: 140 x 165 x 64 mm	Dim: 140 x 165 x 64 mm
16A	2P	GW70401P	GW70431P	GW70401M	GW70431M
	3P	GW70402P	GW70432P	GW70402M	GW70432M
	3P+N	GW70402NP	GW70432NP	GW70402NM	GW70432NM
	4P	GW70403P	GW70433P	GW70403M	GW70433M
25A	2P	GW70416P	GW70486P	GW70416M	GW70486M
	3P	GW70417P	GW70487P	GW70417M	GW70487M
	3P+N	GW70417NP	GW70487NP	GW70417NM	GW70487NM
	4P	GW70418P	GW70488P	GW70418M	GW70488M
32A	2P	GW70404P	GW70434P	GW70404M	GW70434M
	3P	GW70405P	GW70435P	GW70405M	GW70435M
	3P+N	GW70405NP	GW70435NP	GW70405NM	GW70435NM
	4P	GW70406P	GW70436P	GW70406M	GW70436M
40A	2P	GW70413P	GW70441P	GW70413M	GW70441M
	3P	GW70414P	GW70442P	GW70414M	GW70442M
	3P+N	GW70414NP	GW70442NP	GW70414NM	GW70442NM
	4P	GW70415P	GW70443P	GW70415M	GW70443M
					
		Dim: 156 x 200 x 95 mm	Dim: 156 x 200 x 95 mm	Dim: 215 x 252 x 91 mm	Dim: 215 x 252 x 91 mm
63A	3P	GW70407P	GW70437P	GW70407M	GW70437M
	3P+N	GW70407NP	GW70437NP	GW70407NM	GW70437NM
	4P	GW70408P	GW70438P	GW70408M	GW70438M
80A	3P	GW70419P	GW70489P	GW70419M	GW70489M
	3P+N	GW70419NP	GW70489NP	GW70419NM	GW70489NM
	4P	GW70420P	GW70490P	GW70420M	GW70490M
					
		Dim: 236,5 x 316 x 178 mm	Dim: 236,5 x 316 x 178 mm	Dim: 307 x 257 x 121 mm	Dim: 307 x 257 x 121 mm
100A	3P	GW70421P	GW70491P	GW70421M	GW70491M
	3P+N	GW70421NP	GW70491NP	GW70421NM	GW70491NM
	4P	GW70422P	GW70492P	GW70422M	GW70492M
125A	3P	GW70423P	GW70493P	GW70423M	GW70493M
	3P+N	GW70423NP	GW70493NP	GW70423NM	GW70493NM
	4P	GW70424P	GW70494P	GW70424M	GW70494M
160A	3P	GW70425P	GW70495P	GW70425M	GW70495M
	3P+N	GW70425NP	GW70495NP	GW70425NM	GW70495NM
	4P	GW70426P	GW70496P	GW70426M	GW70496M

(\*) Versions for panel/door mounting can be accessorized with galvanized steel

NOTE: the dimensions showed above refer to the external dimensions of the boxes without considering the knob.

		ISOLATORS - 70 RT HP RANGE			ISOLATORS - 70 RT HP ATEX RANGE		
PANEL/DOOR MOUNTING*	VERSION: FOR BOARD	AUXILIARY CONTACTS			VERSION: SURFACE-MOUNTING IN METAL BOX		
	DIN RAIL MOUNTING	1NO + 1NC	2NO	2 NC	CONTROL	EMERGENCY	
							
					<b>Dim: 140 x 165 x 63 mm</b>	<b>Dim: 140 x 165 x 63 mm</b>	
GW70001	GW70201	GW70026	GW70027	GW70028	GW70451	GW70471	
GW70002	GW70202				GW70452	GW70472	
GW70003	GW70203				GW70453	GW70473	
GW70004	GW70204				GW70454	GW70474	
GW70005	GW70205				GW70455	GW70475	
GW70006	GW70206			GW70456	GW70476		
							
					<b>Dim: 215 x 252 x 91 mm</b>	<b>Dim: 215 x 252 x 91 mm</b>	
GW70007	GW70207	GW70026	GW70027	GW70028	GW70457	GW70477	
GW70008	GW70208				GW70458	GW70478	
							
					<b>Dim: 307 x 257 x 120 mm</b>	<b>Dim: 307 x 257 x 120 mm</b>	
		GW70029			GW70459	GW70479	
						GW70460	GW70480

### Push-buttons, selectors and indicators Ø 22mm

The 74 PS range: a system of push-buttons, selectors and indicators (diameter 22mm) with an IP66 degree of protection, for creating a real interface between the man and the machine, whilst at the same time controlling the operating status of the drives and equipment to ensure the best safety standards.



#### Quick choice

The special feature of the 74 PS range is the ease of product configuration: the indicator lights are already fitted with a nut so they can be fixed to the panel. They have a contact-holder flange so, by adding the NO and NC contacts, you can create the specific command logic for each system.






#### LED technology

The products of the new 74 PS range that can be illuminated should be combined with LED lamps with BA9S coupling to guarantee top performance, 100% reliability and a longer lifespan, all of which means less maintenance too.



#### Quick installation




Thanks to the practical clip coupling mechanism of the contacts, panel assembly times are drastically reduced. Double contacts are also available, to increase the installation flexibility and to be able to install up to four contacts plus a space for a lamp coupling on the 3-gang flanges of the indicator lights.


Colour	ROUND, TEMPORARY PUSH-BUTTONS					
	With shield		Without shield		With illuminated shield	
Green	GW 74 301		GW 74 313		GW 74 341	
Black	GW 74 302		GW 74 312		-	
White	GW 74 303		GW 74 314		GW 74 342	
Red	GW 74 304		GW 74 311		GW 74 343	
Blue	GW 74 305		GW 74 315		GW 74 344	
Yellow	GW 74 306		GW 74 316		GW 74 345	


Colour	ROUND MUSHROOM-HEAD PUSH-BUTTONS - Ø 40MM			
	With hold mechanism		Without hold mechanism	
Red	GW 74 364		GW 74 363	
	GW 74 367		GW 74 366	


Colour	ROUND MUSHROOM-HEAD EMERGENCY PUSH-BUTTONS - Ø 40MM			
	With hold mechanism		With hold mechanism and key	
Red	GW 74 361		GW 74 362	
	GW 74 365			


In bold: illuminated versions

Positions	ROUND SELECTORS					
	Lever-operated, with fixed positions		With removable key, with fixed positions		Lever selectors with return mechanism	
0 - 1	GW 74 401		GW 74 411		GW 74 421	
1 - 0 - 2	GW 74 402		GW 74 412		GW 74 422	

Colour	INDICATOR LIGHTS	
	Directly powered	
Green	GW 74 451	
Red	GW 74 452	
Yellow	GW 74 453	
Light blue	GW 74 454	
White	GW 74 455	

COMPLEMENTARY ITEMS			
Type	Contact		
Single contact	1 NO	GW 74 501	
	1 NC	GW 74 502	
Double contact	2 NO	GW 74 503	
	2 NC	GW 74 505	
	1 NO + 1 NC	GW 74 504	
Lamp-holder (BA9S coupling)		GW 74 511	

Indicator lights Ø 22	COMPLETE CONTAINERS				
	With shield		No. of gangs	Contacts	Dimensions (LxHxD) mm
General (black)	GW 27 201		1	1 NO	66x82x65
Emergency (red)	GW 27 202		1	1 NO 1 NC	66x82x65
Running (green)	GW 27 203		2	1 NO 1 NC	132x82x65
Stop (red)			3	1 NO 1 NC	66x171x65
Running (green)	GW 27 204			1 NO 1 NC	66x171x65
Stop (red)				1 NO 1 NC	66x171x65
Indication (white)	GW 27 204				

No. of gangs	EMPTY CONTAINERS				
	Code	Side entry	Upper/lower entry	Dimensions (LxHxD) mm	
1	GW 27 101		2 x Ø 23	2 x Ø 23	66x82x65
1	GW 27 111 (*)		2 x Ø 23	2 x Ø 23	66x82x65
2	GW 27 102		6 x Ø 23	2 x Ø 23	132x82x65
3	GW 27 103		4 x Ø 23	2 x Ø 23	66x171x65
6	GW 27 104		4 x Ø 23	6 x Ø 23	132x171x65
12	GW 27 105		4 x Ø 23	6 x Ø 23	264x171x65

(\*) GW 27 111: yellow cover and grey back-mounting box, specifically for emergency push-buttons.

For all the illuminated versions, the LED lamp must be purchased separately: GW 74 515 (12V); GW 74 516 (24V); GW 74 517 (110V); GW 74 518 (230V).

# Surface-mounting boards

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## 46

WATERTIGHT SURFACE-MOUNTING DISTRIBUTION AND AUTOMATION BOARDS



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## 40 CD

SURFACE-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES



*page 62*



## 42 RV

SURFACE- AND FLUSH-MOUNTING WATERTIGHT EMERGENCY ENCLOSURES



*page 68*

## 44 CE

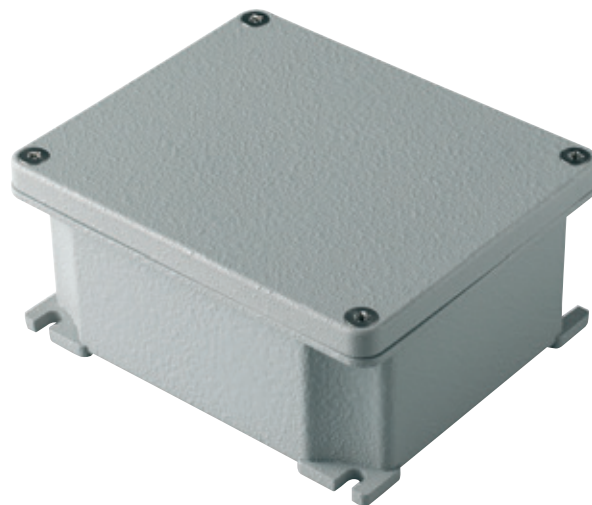
TECHNOPOLYMER SURFACE-MOUNTING WATERTIGHT JUNCTION BOXES



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## GW Connect

METAL SURFACE-MOUNTING WATERTIGHT JUNCTION BOXES



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## Quicker to wire than to describe

The best of practicality.

Four ranges fitted with watertight surface-mounting boards, for automation and distribution, offered in the following typologies of materials:

- termoplastic 44 CEP - IP55;
- glassfiber thermosetting 46 QP - IP66
- painted metal 46 QM - IP55
- stainless steel 46 QX - IP55.

All products of the range are characterised by a high structural resistance and by a great simplicity of rapidity of installation thanks to the Fast & Easy accessories common to the whole 46 QP, 46 QM and 46 QX Range.

These boards are available with blank or transparent door to offer the maximum flexibility and universality of the uses.



**46 QP - ideal for photovoltaic applications**



**Up to 40% reduction on installation time**



**EN 60754-2 Versions with halogen-free material**



**EN 62208**



### Adjustable DIN rails and extractable metal frame

The DIN rails, adjustable and with quick locking, are supplied preassembled and ready for the automatic insertion into the bracket. The extractable frame is made with completely metallic locking elements. The support brackets for DIN rails and panels are snap fitted on the uprights.










### Front panels with 1/4 turn screws

The front panels are fitted with unlosable, plumbable, 1/4 turn plastic closing screws. The panels with window are already complete with DIN rail. Moreover the panels of the F&E system can be fitted directly on the internal side walls of the 46 QP boards (apart from size 7 QP boards).














### Accessories for increasingly versatile boards









The 46QP boards have a wide application field, thanks to the considerable range of accessories such as insulating and metal back-mounting plates, kits for moulded-case switches up to 250 A, pole-fixing kits, double DIN rails, reversible polyester and metal inner doors.

				MOULDED-CASE SWITCH		SWITCH DISCONNECTOR	
	MATERIAL	CODE		MTX 160c MTX 160 MTX 250	MTX 160c - MTX 160 - MTX 250 COMBINED WITH THEIR RESPECTIVE "L" SHAPED RESIDUAL CURRENT DEVICES	MSS 160	MSS 250
		BLANK door	Door with WINDOW				
<b>44 CEP GWPLAST 120 IP55</b> 	GWPLAST 120	GW 44 808	GW 44 818	-	-	-	-
	GWPLAST 120	GW 44 809	GW 44 819	-	-	-	-
	GWPLAST 120	GW 44 810	GW 44 820	GW 44 853 for MTX 160c and MTX 160 only	GW 44 853 for MTX 160c and MTX 160 only	-	-
	GWPLAST 120	GW 44 811	GW 44 821	GW 44 855 for MTX 160c and MTX 160 only	GW 44 855 for MTX 160c and MTX 160 only	-	-
<b>46 QP POLYESTER BOARD IP66</b> 	Polyester	GW 46 001 F	GW 46 201 F	-	-	-	-
	Metal	GW 46 031	-	-	-	-	-
	Polyester	GW 46 002 F	GW 46 202 F	-	-	-	-
	Metal	GW 46 032	GW 46 232	-	-	-	-
	Stainless steel	GW 46 052	-	-	-	-	-
<b>46 QM METAL BOARD IP55</b> 	Polyester	GW 46 003 F	GW 46 203 F	GW 46 570 F	GW 46 570 F	GW 46 570 F	-
	Metal	GW 46 033	GW 46 233				
	Polyester	GW 46 004 F	GW 46 204 F	GW 46 570 F	GW 46 570 F	GW 46 570 F	-
Metal	GW 46 034	GW 46 234					
Stainless steel	GW 46 054	-					
<b>46 QX STAINLESS STEEL BOARD IP55</b> 	Polyester	GW 46 005 F	GW 46 205 F	GW 46 571 F	GW 46 571 F	GW 46 571 F	GW 46 577 F
	Metal	GW 46 035	GW 46 235				
	Polyester	GW 46 006 F	GW 46 206 F	GW 46 572 F	GW 46 572 F	GW 46 572 F	GW 46 578 F
	Metal	GW 46 036	GW 46 236				
	Stainless steel	GW 46 056	-				
Polyester	GW 46 007 F	GW 46 207 F	GW 46 573 F	GW 46 573 F	GW 46 573 F	GW 46 579 F	
Metal	GW 46 037	GW 46 237					

NOTE: the configurations given in the table are ONLY valid if the peak current of the indicated switch (corresponding to the assumed short-circuit current in the installation point) is NOT higher than 17kA, or if the assumed short-circuit current in the delivery point, in line with the main board switch, is NOT greater than 10kA.  
 Check the thermal power according to the method indicated in the Technical Catalogue.  
 The kits are fastened by means of uprights. The kit panels are 2-module high.  
 The MTX 160c and MTX 160 (both 3P and 4P) should be fastened to the DIN rail by means of the specific brackets contained in the GW D8 261 kit. The MTX 250 (both 3P and 4P), on the other hand, require the GW D8 262 kit.  
 The coupling of the MTX moulded-case devices on the DIN rail, using the relative residual current device, requires the use of the special brackets that can be found in the relative section of the DIN catalogue.  
 In the case of cable entry from below, you are advised to insert a blank panel above the moulded-case/switch disconnector kit, so the wires can be pulled more easily.  
 The MSS switch disconnectors cannot be installed on the same DIN rail with the MTX moulded-case devices because of their different depths.

	BOARD					COMPLEMENTARY ITEMS		
						FRONT CONFIGURATION		
						SINGLE PANELS	PANELS	
	<b>Dimensions (LxHxD) mm</b>	<b>Material</b>	<b>Code</b> BLANK door   Door with transparent WINDOW		<b>No. of EN 50022 modules</b>	 <b>with window</b> with DIN rail	 <b>with window</b> with DIN rail	 <b>blank</b>
<b>44 CEP</b> <b>GW PLAST 120</b> <b>IP55</b> 	200x254x135	GWPLAST 120	GW 44 808	GW 44 818				
	236x316x135	GWPLAST 120	GW 44 809	GW 44 819	8	GW 44 852 8 modules		
	316x396x160	GWPLAST 120	GW 44 810	GW 44 820	24 (12x2)	GW 44 853 14 modules GW 44 854 24 modules (12x2)		
	396x474x160	GWPLAST 120	GW 44 811	GW 44 821	32 (16x2)	GW 44 855 32 modules (16x2)		
<b>46 QP</b> <b>POLYESTER BOARD</b> <b>IP66</b> 	250x300x160	Polyester	GW 46 001 F	GW 46 201 F				
		Metal	GW 46 031					
	310x425x160	Polyester	GW 46 002 F	GW 46 202 F	36 (12x3)	3 single panels - width 12 modules 	GW 46 420 F	GW 46 425 F
Metal		GW 46 032	GW 46 232					
Stainless steel		GW 46 052						
405x500x200	Polyester	GW 46 003 F	GW 46 203 F	54 (18x3)	3 single panels - width 18 modules 	GW 46 421 F	GW 46 426 F	
	Metal	GW 46 033	GW 46 233					
405x650x200	Polyester	GW 46 004 F	GW 46 204 F	72 (18x4)	4 single panels - width 18 modules 	GW 46 421 F	GW 46 426 F	
	Metal	GW 46 034	GW 46 234					
	Stainless steel	GW 46 054						
515x650x250	Polyester	GW 46 005 F	GW 46 205 F	96 (24x4)	4 single panels - width 24 modules 	GW 46 422 F	GW 46 427 F	
	Metal	GW 46 035	GW 46 235					
585x800x300	Polyester	GW 46 006 F	GW 46 206 F	140 (28x5)	5 single panels - width 28 modules 	GW 46 423 F	GW 46 428 F	
	Metal	GW 46 036	GW 46 236					
	Stainless steel	GW 46 056						
800x1060x350	Polyester	GW 46 007 F	GW 46 207 F	180 (36x5)	5 single panels - width 36 modules 	GW 46 424 F	GW 46 429 F	
	Metal	GW 46 037	GW 46 237					

**COMPLEMENTARY ITEMS**

FRONT CONFIGURATION				INTERNAL CONFIGURATION			SERVICE ACCESSORIES		
DOUBLE PANELS	INNER DOORS	UPRIGHTS	DIN RAILS	BACK-MOUNTING PLATES	PLATES		POLE SUPPORT	MISCELLANEOUS	
 <b>Blank</b>	 <b>Material:</b> insulating/ metal	 <b>Pair</b>	 <b>simple/ double</b>	 <b>Material:</b> metal/ steel (perforated)/ insulating	 <b>H 1 module:</b> perforated/ full	 <b>H 2 modules:</b> perforated/ full			
				GW 44 636 GW 44 646				 Resin bracket GW 44 621	 Safety lock with handle GW 46 445
				GW 44 637 GW 44 647				 4 stainless steel brackets GW 46 451	 Set of 4 galvanised brackets GW 46 446
				GW 44 638 GW 44 648					
				GW 44 639 GW 44 649					
				GW 46 401 GW 46 461 GW 46 408			GW 46 551	 Clip nut GW 46 450	 4 stainless steel brackets GW 46 451
1 double panel  GW 46 475 F	GW 46 414 GW 46 564	GW 46 435 F	GW 46 430 F GW 46 530 F	GW 46 402 GW 46 462 GW 46 409	3 single plates  GW 46 440 GW 46 540	1 double plate  GW 46 480 GW 46 580	GW 46 552	 Set of 4 galvanised brackets GW 46 446	 Gasket for board coupling GW 46 449
1 double panel  GW 46 476 F	GW 46 415 GW 46 565	GW 46 436 F	GW 46 431 F GW 46 531 F	GW 46 403 GW 46 463 GW 46 410	3 single plates  GW 46 441 GW 46 541	1 double plate  GW 46 481 GW 46 581	GW 46 553	 Set of 4 squares for fixing the back-mounting plate GW 46 521 F	 Safety lock with handle GW 46 445
2 double panels  GW 46 476 F	GW 46 416 GW 46 566	GW 46 437 F	GW 46 431 F GW 46 531 F	GW 46 404 GW 46 464 GW 46 411	4 single plates  GW 46 441 GW 46 541	2 double plates  GW 46 481 GW 46 581	GW 46 553	 Set of 4 squares for fixing the back-mounting plate GW 46 521 F	 Safety lock with handle GW 46 445
2 double panels  GW 46 477 F	GW 46 417 GW 46 567	GW 46 437 F	GW 46 432 F GW 46 532 F	GW 46 405 GW 46 465 GW 46 412	4 single plates  GW 46 442 GW 46 542	2 double plates  GW 46 482 GW 46 582	GW 46 554	 Document holder wallet GW 46 447	 Ventilation kit IP44 GW 46 448 and GW 46 471
2 double panels  GW 46 478 F	GW 46 418 GW 46 568	GW 46 438 F	GW 46 433 F GW 46 533 F	GW 46 406 GW 46 466 GW 46 413	5 single plates  GW 46 443 GW 46 543	2 double plates  GW 46 483 GW 46 583	GW 46 555	 Kit for wiring trunking GW 46 557 F	
2 double panels  GW 46 479 F	GW 46 419 GW 46 569	GW 46 439 F	GW 46 434 F GW 46 534 F	GW 46 407 GW 46 467	5 single plates  GW 46 444 GW 46 544	2 double plates  GW 46 484 GW 46 584		 Pair of handles for transport GW 46 591	 Kit of inserts GW 46 592 F

### 40 CDK – modular watertight enclosures and distribution boards

Range of watertight enclosures IP65 from 4 to 72M, in version with transparent door. Thanks to the reversible back-mounting box and front, the doors on 40 CDK range products can open to the right or left. The extractable frame, accessorised with compartment dividers to allow for installation of devices

operating at different voltages, facilitates and speeds up wiring operations. The door can open to more than 180°, is detachable and can be accessorised with cylinder security locks to ensure maximum security and resistance, including in the case of installations in areas open to the public.



Removable front panels and extractable frame



Spacious surfaces for conduit couplings



Accessorised with bi-polar and single-polar terminal block IP20 – 80A

versions with terminal blocks



## 40 CD – decorative enclosures IP40

The protected decorative enclosures come in versions from 8 to 72 modules, either with a transparent door or with a blank white door.

A rounded front with a compact, minimalist form, is enhanced by the “push” opening system.



## 40 CD – watertight enclosures IP55

A range offering versions from 4 to 36 modules. The enclosures are ideal to create small systems in enclosed spaces, on-board, workbench or technical room applications.

Individual doors, located on each modular row and equipped with a separate upper opening, guarantee high and individual accessibility to each modular row.











## 40 CD – protected enclosures IP40

The protected enclosures, from 2 to 36 modules, are ideal for holding equipment subject to frequent, repetitive use or power take-off.





The version 2 modules is proposed with plumbable front, that help to prevent tampering and guarantees content inviolability, particularly when this appliance is used as sub-meter to protect the upright.

# 40 CD SURFACE MOUNTING ENCLOSURES AND DISTRIBUTION BOARDS

		SURFACE-MOUNTING ENCLOSURES					
		40 CDK SURFACE-MOUNTING MODULAR WATERTIGHT ENCLOSURES AND BOARDS IP65		40 CD SURFACE-MOUNTING WATERTIGHT ENCLOSURES IP55			
		Colour: RAL 7035 Grey Smooth: walls			Colour: RAL 7035 Grey Walls: with perforation centres		
			Door: smoked transparent				
Without terminal block	With 80A - IP20 bipolar screw terminal block		Door: smoked transparent				
	1st level				2nd level		
<b>Modules</b>	<b>2</b>	-	-	-	-		
	<b>4</b>	GW 40 101	-	-	GW 40 001		
	<b>6</b>	-	-	-	-		
	<b>8</b>	GW 40 102	GW 40 102 BS	-	GW 40 003		
	<b>12</b>	GW 40 103	GW 40 103 BS	-	GW 40 005		
	<b>18</b>	GW 40 106	GW 40 106 BS	-	-		
	<b>24</b> (12x2)	GW 40 104	GW 40 104 BS	GW 40 104 BD	GW 40 007		
	<b>36</b> (12x3)	GW 40 105	GW 40 105 BD	GW 40 105 UD	-		
	<b>36</b> (18x2)	GW 40 107	GW 40 107 BS	GW 40 107 BD	GW 40 009		
	<b>54</b> (18x3)	GW 40 108	GW 40 108 BD	GW 40 108 BT	-		
	<b>72</b> (18x4)	GW 40 109	GW 40 109 BD	GW 40 109 BQ	-		
<b>COMPLEMENTARY ITEMS</b>	<b>INSTALLATION</b>	Surface-mounting fixing brackets for enclosures and boards 	4 x GW 44 621		4 x GW 44 621		
		Stylish coupling covers for conduit and trunking entry 	<b>Modules</b>	<b>Code</b>			
			12-24-36(12x3)	GW 40 473			
	<b>WIRING</b>	Internal horizontal dividers 	<b>Modules</b>	<b>Code</b>			
			24-36(12x3)	GW 40 487			
		Blind cover panels 1 module height 	<b>Modules</b>	<b>Code</b>			
			36(18x2)-54-72	GW 40 488			
	<b>MISCELLANEOUS</b>	Cylindrical safety lock 	<b>Modules</b>	<b>Code</b>			
			4-8-12-24-36(18x2)	1 x GW 40 422			
		Triangular key 	36(12x3)-54-72	2 x GW 40 422			
			-	1 x GW 40 421			
	Expansion kit for home network enclosure						































**SURFACE-MOUNTING ENCLOSURES**

40 CD PROTECTED SURFACE-MOUNTING DECORATIVE ENCLOSURES IP40						40 CD PROTECTED SURFACE-MOUNTING ENCLOSURES IP40	HOME NETWORKING ENCLOSURE FOR NETWORK CABLING IP65
Colour: RAL 9016 White Smooth: walls 						Colour: RAL 7035 Grey Walls: with perforation centres 	Colour: RAL 9016 White Smooth: walls 
Door: smoked transparent			Door: blank			Door: no	Door: transparent
Without terminal block	With 80A - IP20 bipolar screw terminal		Without terminal block	With 80A - IP20 bipolar screw terminal block		Without terminal block	Output: Patch Panel with N°12 RJ45 sockets
	1st level	2nd level		1st level	2nd level		
-	-	-	-	-	-	GW 40 022	GW 40 391 dimensions BxHxP = 410x655x140 (mm)
-	-	-	-	-	-	GW 40 023	
-	-	-	-	-	-	GW 40 024	
GW 40 043	GW 40 043 BS	-	GW 40 063	GW 40 063 BS	-	GW 40 026	
GW 40 045	GW 40 045 BS	-	GW 40 065	GW 40 065 BS	-	GW 40 028	
-	-	-	-	-	-	-	
GW 40 047	GW 40 047 BS	GW 40 047 BD	GW 40 067	GW 40 067 BS	GW 40 067 BD	GW 40 030	
-	-	-	-	-	-	GW 40 032	
GW 40 049	GW 40 049 BS	GW 40 049 BD	GW 40 069	GW 40 069 BS	GW 40 069 BD	-	
GW 40 051	GW 40 051 BD	-	GW 40 071	GW 40 071 BD	-	-	
GW 40 053	GW 40 053 BD	GW 40 053 BQ	GW 40 073	GW 40 073 BD	GW 40 073 BQ	-	
4 x GW 44 621						4 x GW 44 621	4 x GW 44 621
-						-	<b>Code</b>
-						-	1 x GW 40 474
-						-	-
-						-	-
<b>Modules</b>			<b>Code</b>			-	<b>Code</b>
8-12-18-24-36-54			1 x GW 40 422				2 x GW 40 422
72			2 x GW 40 422				-
-						-	GW 38 097 - GW 38 098 - GW 38 099

# 40 CD SURFACE-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

## COMPATIBILITY OF SURFACE MOUNTING ENCLOSURES WITH BIPOLAR ANE UNIPOLAR TERMINAL BLOCKS

Surface-mounting enclosure range	Modules	Door	Code	Terminal blocks position	Screw terminal blocks		
							
					Terminal block size 1		
					Bipolar 125 A 2 x [(1x25)+(7x10)]	Bipolar 80 A 2 x [(2x16)+(7x10)]	Unipolar 80 A 1 x [(2x16)+(7x10)]
GW 40 401	GW 40 408 B	GW 40 408 U					
<b>40 CDK</b> <b>SURFACE-MOUNTING</b> <b>MODULAR WATERTIGHT</b> <b>ENCLOSURES AND BOARDS IP65</b> 	8	Door: smoked transparent	GW 40 102		No. 1	No. 1	No. 1
	12	Door: smoked transparent	GW 40 103		No. 1 (*)	No. 1 (*)	No. 1 (*)
	18	Door: smoked transparent	GW 40 106		No. 1 (*)	No. 1 (*)	No. 1 (*)
	24 (12x2)	Door: smoked transparent	GW 40 104		No. 2 (*)	No. 2 (*)	No. 2 (*)
	36 (12x3)	Door: smoked transparent	GW 40 105		No. 2 (*)	No. 2 (*)	No. 2 (*)
	36 (18x2)	Door: smoked transparent	GW 40 107		No. 2 (*)	No. 2 (*)	No. 2 (*)
	54 (18x3)	Door: smoked transparent	GW 40 108		No. 2 (*)	No. 2 (*)	No. 2 (*)
	72 (18x4)	Door: smoked transparent	GW 40 109		No. 4 (*)	No. 4 (*)	No. 4 (*)
<b>40 CD</b> <b>SURFACE-MOUNTING</b> <b>WATERTIGHT ENCLOSURES</b> <b>IP55</b> 	8	Door: smoked transparent	GW 40 003		No. 1	No. 1	No. 1
	12	Door: smoked transparent	GW 40 005		No. 1 (*)	No. 1 (*)	No. 1 (*)
	24 (12x2)	Door: smoked transparent	GW 40 007		No. 2	No. 2	No. 2
	36 (18x2)	Door: smoked transparent	GW 40 009		No. 2	No. 2	No. 2
<b>40 CD</b> <b>PROTECTED SURFACE-MOUNTING</b> <b>DECORATIVE ENCLOSURES</b> <b>IP40</b>  	8	Door: smoked transparent	GW 40 043		No. 1	No. 1	No. 1
		Door: blank	GW 40 063				
	12	Door: smoked transparent	GW 40 045		No. 1 (*)	No. 1 (*)	No. 1 (*)
		Door: blank	GW 40 065				
	24 (12x2)	Door: smoked transparent	GW 40 047		No. 2 (*)	No. 2 (*)	No. 2 (*)
		Door: blank	GW 40 067				
	36 (18x2)	Door: smoked transparent	GW 40 049		No. 2 (*)	No. 2 (*)	No. 2 (*)
		Door: blank	GW 40 069				
	54 (18x3)	Door: smoked transparent	GW 40 051		No. 2 (*)	No. 2 (*)	No. 2 (*)
		Door: blank	GW 40 071				
72 (18x4)	Door: smoked transparent	GW 40 053		No. 4 (*)	No. 4 (*)	No. 4 (*)	
	Door: blank	GW 40 073					
<b>40 CD</b> <b>PROTECTED SURFACE-MOUNTING</b> <b>ENCLOSURES</b> <b>IP40</b> 	8	Door: no	GW 40 026		No. 1	No. 1	No. 1
	12	Door: no	GW 40 028		No. 1 (*)	No. 1 (*)	No. 1 (*)
	24 (12x2)	Door: no	GW 40 030		No. 2	No. 2	No. 2
	36 (12x3)	Door: no	GW 40 032		No. 2 (*)	No. 2 (*)	No. 2 (*)

(\*) The installation is allowed using No.1 adapter GW40413 for each terminal block installed.

**COMPATIBILITY OF SURFACE MOUNTING ENCLOSURES WITH BIPOLAR ANE UNIPOLAR TERMINAL BLOCKS**

**Screw terminal blocks**



Terminal block size 2				Terminal block size 3		
Bipolar 125 A 2 x [(3x25)+(10x10)]	Bipolar 80 A 2 x [(3x16)+(11x10)]	Unipolar 80 A 1 x [(3x16)+(11x10)]	Unipolar 80 A 1 x [(3x16)+(29x10)]	Bipolar 125 A 2 x [(5x25)+(14x10)]	Bipolar 80 A 2 x [(3x16)+(17x10)]	Unipolar 80 A 1 x [(3x16)+(17x10)]
GW 40 402	GW 40 412 B	GW 40 412 U	GW 40 422 U	GW 40 404	GW 40 418 B	GW 40 418 U
-	-	-	-	-	-	-
No. 1	No. 1	No. 1	No. 1	-	-	-
No. 1 (*)	No. 1 (*)	No. 1 (*)	No. 1 (*)	No. 1	No. 1	No. 1
No. 2	No. 2	No. 2	No. 2	-	-	-
No. 2	No. 2	No. 2	No. 2	-	-	-
No. 2 (*)	No. 2 (*)	No. 2 (*)	No. 2 (*)	No. 2	No. 2	No. 2
No. 2 (*)	No. 2 (*)	No. 2 (*)	No. 2 (*)	No. 2	No. 2	No. 2
No. 4 (*)	No. 4 (*)	No. 4 (*)	No. 4 (*)	No. 4	No. 4	No. 4
-	-	-	-	-	-	-
No. 1	No. 1	No. 1	No. 1	-	-	-
-	-	-	-	-	-	-
No. 2	No. 2	No. 2	No. 2	-	-	-
-	-	-	-	-	-	-
No. 1	No. 1	No. 1	No. 1	-	-	-
No. 2	No. 2	No. 2	No. 2	-	-	-
No. 2 (*)	No. 2 (*)	No. 2 (*)	No. 2 (*)	No. 2	No. 2	No. 2
No. 2 (*)	No. 2 (*)	No. 2 (*)	No. 2 (*)	No. 2	No. 2	No. 2
No. 4 (*)	No. 4 (*)	No. 4 (*)	No. 4 (*)	No. 4	No. 4	No. 4
-	-	-	-	-	-	-
No. 1	No. 1	No. 1	No. 1	-	-	-
-	-	-	-	-	-	-
No. 2	No. 2	No. 2	No. 2	-	-	-

## Maximum protection, safety and combination possibilities

The five emergency enclosure versions allow users to select the most appropriate product for any installation need thanks to the special pre-arrangements: for Ø22mm devices, for modular devices and devices with a back-mounting plate. Red or grey flush-mounting versions are also available.

All enclosures boast a high IP55 degree of protection and, thanks to the emergency hammer (available as an accessory) and the watertight security lock or sealable mask, are ideal for use in areas open to the public.













## Increases the number of applications in the same space

The GW 42 201 enclosure comes ready fitted with a short and long push-button for deliberate and precautionary operation or real safety operation.

It also has a back-panel flange for extending the number of installable contacts to 4, thereby enhancing the possible configurations with the same product.



EN 60754-2

		Equipped with illuminated push-button	Push button Pre-arranged with Ø 22mm hole	With DIN rail				Equipped with back-mounting plate	Flush-mounting enclosure with DIN rail	
										
<b>Code</b>		GW 42 201	GW 42 204	GW 42 206 (4 modules)	GW 42 202 (8 modules)	GW 42 207 (4 modules)	GW 42 208 (8 modules)	GW 42 203	GW 42 231 (4 modules)	GW 42 232 (4 modules)
<b>Colour</b>		Red RAL 3000	Red RAL 3000	Red RAL 3000	Red RAL 3000	Grey RAL 7035	Grey RAL 7035	Red RAL 3000	Red RAL 3000	Grey RAL 7035
	<b>Glass breaker</b>	GW 42 216								
	<b>Spare glass</b>	GW 42 211	GW 42 213	GW 42 213	GW 42 212	GW 42 213	GW 42 212	GW 42 212	GW 42 214	GW 42 214
	<b>Watertight cylindrical security lock</b>	-	GW 48 644							
	<b>Contacts</b>	NO	GW 74 201	-	-	-	-	-	-	-
		NC	GW 74 202	-	-	-	-	-	-	-
	<b>Code</b>	GW 30 951	GW 30 952	GW 30 943	GW 30 945	GW 30 958	GW 30 959	GW 30 960		
	<b>Voltage (V AC/DC)</b>	12	24	230	110	12-24	110-230	48		
	<b>Power (W)</b>	0.4	0.8	0.4	0.8	-	-	-		
	<b>Light emitted</b>	White	White	Red	White	Green	Green	Green		

## Renewed, to stand out

A complete system of watertight surface-mounting junction boxes made from groundbreaking materials to provide innovative solutions.

The 44CE Range is realized in three different self-extinguish materials:

- GWPLAST 75 - GWT 650°C for ordinary junctions; Halogen Free
- GWPLAST 75 - GWT 960°C for special uses (RINA certified)
- GWPLAST 120 - GWT 650°C for industrial uses; Halogen Free

Main features:

- three degrees of protection - IP44, IP55 and IP56
- 11 sizes available in two versions - with smooth walls or with the new quick-entry cable gland
- 6 types of cover: clip/screw, ¼ turn screw, blank/transparent, plain/deep
- watertight junction boxes with a high-capacity bottom, with smooth walls (without ribs) for assembling conduits with diameters up to 50mm



Versions for photovoltaic applications



EN 60754-2  
Versions with halogen-free material



Versions with GWT 960°C material



Versions with RINA certification



### Boxes fitted with the new cable gland

The new quick-entry cable gland offers high mechanical performance levels and innovative geometry for use with rigid cables and conduits, improving the practicality and reliability of the IP degree of protection.



### “Spherical head” screws and box back grooves







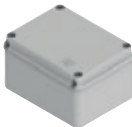
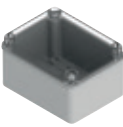
The screws for closing the 190x140mm cover in insulating material allow the easy application of tamper-proof seals, and also double up as hinges (patented technology). The grooves on the back of the box facilitate the assembly of devices, terminal blocks and back-mounting plates



### Unlosable cover and inner edge with innovative profile

The cover of ¼ turn screws junction boxes can be easily handled in any type of installation and makes quick maintenance operations possible. The ¼ turn screws are also unlosable. The innovative inner edge guarantees retention of the IP degree over time.

# 44 CE TECHNOPOLYMER SURFACE-MOUNTING WATERTIGHT JUNCTION BOXES

44 CE RANGE - SURFACE-MOUNTING JUNCTION BOXES								
Material	Technopolymer GW PLAST 75							
Heat resistance	Thermo-pressure with ball: 85°C							
Fire resistance	Glow Wire Test: 650°C - UL94: HB							
Applications	For ordinary junctions							
Degree of protection	IP44	IP55			IP56			
Walls	with quick-entry cable glands	with quick-entry cable glands		smooth	smooth			
Depth of back-mounting box	standard	standard		standard	standard		high-capacity	
Cover	blank plain	1/4 turn screws blank plain	blank plain	1/4 turn screws blank plain	blank plain	blank deep	blank plain	transparent plain
Dimensions (mm)								
Ø65	<b>GW 44 001</b>							
Ø80	<b>GW 44 002</b>							
80 x 80	<b>GW 44 003</b>							
100 x 100		<b>GW 44 024</b>	<b>GW 44 004</b>	<b>GW 44 234</b>	<b>GW 44 204</b>	<b>GW 44 214</b>	<b>GW 44 114</b>	
120 x 80			<b>GW 44 005</b>		<b>GW 44 205</b>	<b>GW 44 215</b>		
150 x 110		<b>GW 44 026</b>	<b>GW 44 006</b>	<b>GW 44 236</b>	<b>GW 44 206</b>	<b>GW 44 216</b>		
190 x 140			<b>GW 44 007</b>		<b>GW 44 207</b>	<b>GW 44 217</b>	<b>GW 44 117</b>	<b>GW 44 137</b>
240 x 190			<b>GW 44 008</b>		<b>GW 44 208</b>	<b>GW 44 218</b>	<b>GW 44 118</b>	<b>GW 44 138</b>
300 x 220			<b>GW 44 009</b>		<b>GW 44 209</b>	<b>GW 44 219</b>	<b>GW 44 119</b>	<b>GW 44 139</b>
380 x 300			<b>GW 44 010</b>		<b>GW 44 210</b>	<b>GW 44 220</b>	<b>GW 44 120</b>	<b>GW 44 140</b>
460 x 380			<b>GW 44 011</b>		<b>GW 44 211</b>	<b>GW 44 221</b>		

In bold: versions with halogen-free material





In green: insulating voltage  $U_i=1000V$  in accordance with EN 60670-1 and EN 60670-22. For photovoltaic applications, use the wall fixing brackets - code GW 44 621.











In red: insulating voltage  $U_i=750V$  in accordance with EN 60670-1 and EN 60670-22. For photovoltaic applications, use the wall fixing brackets - code GW 44 621.

(\*) versions with red back box and grey lid

(\*\*) versions with CSA certificate (in accordance to UL50 Standard)

**44 CE RANGE - SURFACE-MOUNTING JUNCTION BOXES**

Technopolymer GW PLAST 75				Technopolymer GW PLAST 120				
Thermo-pressure with ball: 85°C				Thermo-pressure with ball: 110°C				
Glow Wire Test: 960°C - UL94: V0				Glow Wire Test: 650°C - UL94: HB				
For special uses (e.g. raised floors, suspended ceilings, etc.)				For industrial uses				
IP44	IP55		IP56		IP56			
with quick-entry cable glands	with quick-entry cable glands		smooth		smooth			
standard	standard		standard		standard			
blank plain	1/4 turn screws blank plain	blank plain	blank plain	blank deep	blank plain	blank deep	transparent plain	transparent deep
								
GW 44 051 GW 44 051 R (*)								
GW 44 052								
GW 44 053 GW 44 053 R (*)								
	GW 44 054 GW 44 054 R (*)		GW 44 274	GW 44 254	<b>GW 44 404</b>	<b>GW 44 414</b>		
		GW 44 055	GW 44 275	GW 44 255	<b>GW 44 405</b>	<b>GW 44 415</b>		
	GW 44 056 GW 44 056 R (*)		GW 44 276 GW 44 276 C (**)	GW 44 256	<b>GW 44 406</b>	<b>GW 44 416</b>	<b>GW 44 426</b>	<b>GW 44 436</b>
		GW 44 057	GW 44 277 GW 44 277 C (**)	GW 44 257	<b>GW 44 407</b>	<b>GW 44 417</b>	<b>GW 44 427</b>	<b>GW 44 437</b>
		GW 44 058	GW 44 278	GW 44 258	<b>GW 44 408</b>	<b>GW 44 418</b>	<b>GW 44 428</b>	<b>GW 44 438</b>
		GW 44 059	GW 44 279	GW 44 259	<b>GW 44 409</b>	<b>GW 44 419</b>	<b>GW 44 429</b>	<b>GW 44 439</b>
		GW 44 060	GW 44 280	GW 44 260	<b>GW 44 410</b>	<b>GW 44 420</b>	<b>GW 44 430</b>	<b>GW 44 440</b>
		GW 44 061	GW 44 281	GW 44 261	<b>GW 44 411</b>	<b>GW 44 421</b>	<b>GW 44 431</b>	<b>GW 44 441</b>

			ACCESSORIES APPLICATION TABLE													
			INTERNAL DIMENSIONS OF BOX BASE (mm)													
			Code	Ø 65	Ø 80	80x80	100x100	120x80	150x110	190x140	240x190	300x220	380x300	460x380		
ACCESSORIES FOR COUPLING AND JUNCTION SURFACE-MOUNTING BOXES	EQUIPOTENTIAL SINGLE-POLE TERMINAL BLOCKS		GW 44 704	•	•	•	•	•	•	•	•	•	•	•		
			GW 44 706	•	•	•	•	•	•	•	•	•	•	•	•	
			GW 44 708		•	•	•	•	•	•	•	•	•	•	•	•
			GW 44 671	•	•	•	•	•	•	•	•	•	•	•	•	•
			GW 44 672		•	•	•	•	•	•	•	•	•	•	•	•
			GW 44 673													
			GW 44 674					•			•	•	•	•	•	•
			GW 44 675								•	•	•	•	•	•
			GW 44 676								•	•	•	•	•	•
			GW 44 677													
		MULTIPLE TERMINAL BLOCKS		GW 44 606	•	•	•	•	•	•						
				GW 44 607	•	•	•	•	•							
				GW 44 608	•	•	•	•	•							
		MULTIPLE FEEDTHROUGH TERMINAL BLOCKS		GW 44 609		•	•	•	•	•	•	•	•	•	•	•
	GW 44 610				•	•	•	•	•	•	•	•	•	•	•	
	GW 44 611															
	GW 44 610 C (**)							•	•	•	•	•	•	•	•	
	GW 44 612															
	GW 44 613											•	•	•	•	•
	GW 44 614											•	•	•	•	•
	BACK-MOUNTING PLATES	Galvanised sheet metal		GW 44 615							•	• (*)				
				GW 44 616									•	• (*)		
				GW 44 617										•	• (*)	
				GW 44 618											•	
				GW 44 619												•
		Insulating material		GW 44 625								•	• (*)			
				GW 44 626									•	• (*)		
				GW 44 627										•	• (*)	
GW 44 628														•		
GW 44 629															•	
COUPL.		GW 44 620				•			•	•	•	•	•			
SCREW CAPS		GW 44 622	2	2	2	4	4	4	4	4	4					
		GW 44 623											6	supplied		
BRACKET		GW 44 621								6	8	12	16	8		
Cable glands		GW 50 428														
		GW 50 429	4	4	6											
		GW 50 430				6	6	10								
		GW 50 431							10	12						
		GW 50 432										12	12	14		

(\*) GW 44 615 and GW 44 625 are also suitable for GW 44 118 and GW 44 138.

(\*\*) CSA certified version (in accordance with UL50 standards).

GW 44 616 and GW 44 626 are also suitable for GW 44 119 and GW 44 139.

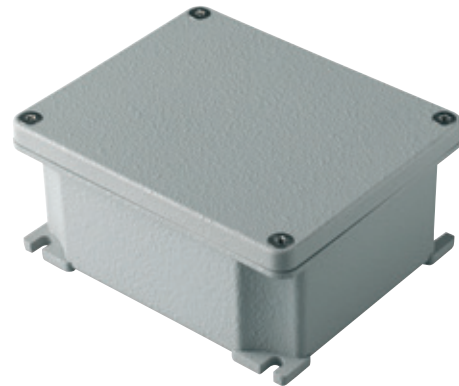
GW 44 617 and GW 44 627 are also suitable for GW 44 120 and GW 44 140.

Note: quick entry cable glands with exception GW 50 428.



# Metal junction box range for surface mounting

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



JUNCTION BOXES IN DIE-CAST ALUMINIUM IP66				
DIMENSIONS L x H x D (mm)	PAINTED	NON-PAINTED	ATEX (*)	BACK-MOUNTING PLATES
91 x 91 x 54	GW 76 261	GW 76 281	GW 76 291	
128 x 103 x 57	GW 76 262	GW 76 282	GW 76 292	GW 76 272
155 x 130 x 58	GW 76 263	GW 76 283	GW 76 293	GW 76 273
178 x 156 x 75	GW 76 264	GW 76 284	GW 76 294	GW 76 274
239 x 202 x 85	GW 76 265	GW 76 285	GW 76 295	GW 76 275
294 x 244 x 114	GW 76 266	GW 76 286	GW 76 296	GW 76 276
392 x 298 x 149	GW 76 267	GW 76 287	GW 76 297	GW 76 277

(\*) NOTE: the ATEX products are only available in the following countries: Austria, France, Germany, Italy, Liechtenstein, Luxembourg, the Principality of Monaco, the United Kingdom and Spain. For all other countries, contact GEWISS Technical service assistance.



## Practical and robust

The 7 sizes are all pre-arranged for surface-mounting, with both internal and external fixing. The unlosable lid screws are made of stainless steel. Thickness is optimised to ensure maximum mechanical resistance and to withstand adverse weather and environmental conditions.+



## Professional range

The boxes, with IP66 degree of protection, can be used as junctions with the possibility of fitting back-mounting plates or DIN rails. The lid is equipped with stainless steel captive fastening screws, while the back plate is equipped with insert for earthing.



## ATEX versions

The GW Connect boxes are also available in an ATEX version. They blend perfectly with the other GEWISS solutions for potentially explosive atmospheres classified as area 2(G) and 22(D).

# Flush-mounting boards

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## Domo Center

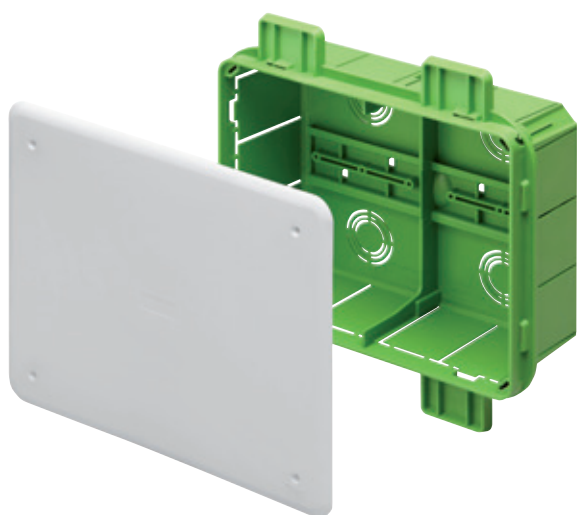
FLUSH-MOUNTING SYSTEM COLUMNS FOR DISTRIBUTION, H&B AUTOMATION AND DATA



*page 76*

## Green Wall

FLUSH-MOUNTING SYSTEM  
FOR PLASTERBOARD WALLS



*page 78*

## 40 CDi

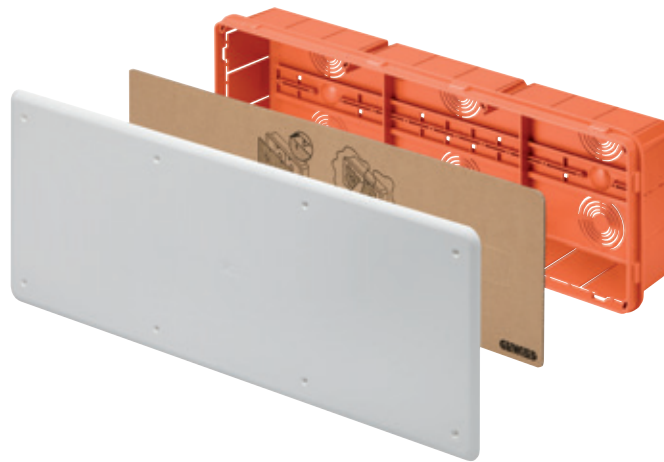
FLUSH-MOUNTING DISTRIBUTION BOARDS  
AND ENCLOSURES



*page 82*

## 48

FLUSH-MOUNTING JUNCTION AND MODULAR RANGE BOXES



*page 88*

## 24 SC

FLUSH MOUNTING; SURFACE OR UNDERFLOOR BOXES



*page 88*

# Domo Center FLUSH-MOUNTING SYSTEM COLUMNS FOR DISTRIBUTION, DOMOTICS AND DATA

## A solution in harmony with the surroundings

DOMO CENTER is the system column designed by Gewiss for residential and commercial use.

This solution transforms the domestic system into a furnishing accessory, with its modern design that adapts to suit the context. It centralises and rationalises the existing services, from the most traditional to the most advanced, in one single device.

The Domo Center range is divided into 2 parts:

- **Front configuration kit** • already configured with all the necessary items for setting up the system column (with the exception of the back-mounting box)
- **Components** • the single elements needed to create any type of KIT



- **Flush-mounting back-mounting box, 2700 or 2400mm high**
- **External dimensions 2400 and 2100mm**
- **Protrusion of only 25mm from the wall, with suspended effect**
- **Modular capacity of up to 320 modules**
- **Versions already configured (kits) in different types**



reddot design award  
winner 2016

## Applications



**Domo Center with exposed functional panels**



**Domo Center integrated with the furniture style**



**Domo Center with integral transparent door**

### HOW TO REQUEST THE MOST SUITABLE CONFIGURATION (KIT)

Contact Customer Service ([sat@gewiss.com](mailto:sat@gewiss.com)) or the sales organisation for cost estimates and support for configuring your system. The request procedure is facilitated by the Gweb DOMO CENTER software, available free of charge at [gewiss.com](http://gewiss.com).



## Available finishes

DOMO CENTER can be configured in numerous solutions, with or without doors.

In fact, personalised configurations can be created by simply combining the system column with the Domo Center components. The version with door is available in three different materials: smoked transparent glass, full mirror or metal.



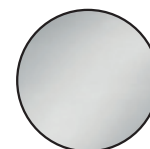
e.g. version 2700 with door



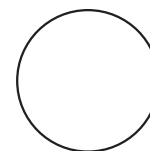
reddot design award  
winner 2016



e.g. version 2400 without door



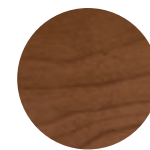
Mirror



White RAL 9003



Maple



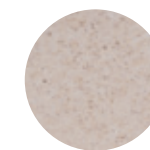
Cherry



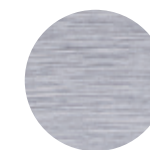
Moon



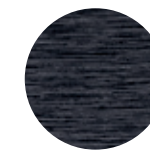
Lava



Sand



Brushed White



Brushed Grey

# Green Wall **FLUSH-MOUNTING SYSTEM**

## FOR LIGHTWEIGHT AND PLASTERBOARD WALLS

### The most complete flush-mounting system for plasterboard

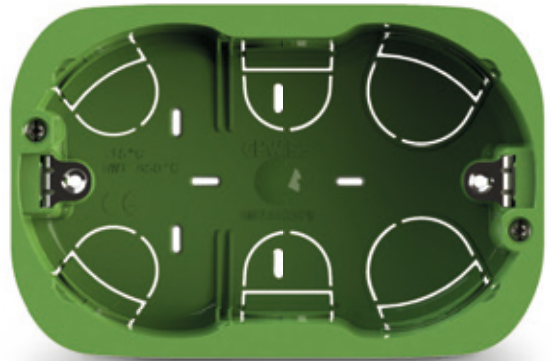
The GREEN WALL range is the range of GEWISS products for plasterboard walls. It's the most extensive and complete flush-mounting system on the market for this specific type of installation.

The main characteristics of the GREEN WALL range are:

- special green technopolymer with GWT 850°C (as required by product regulations) and halogen-free (in accordance with EN 60754-2)
- quick, easy installation thanks to the innovative fixing solutions
- mechanical robustness and reliability

The range consists of 22 new codes, sub-divided into four product lines:

- enclosures and distribution boards
- standard and high-capacity junction boxes
- boxes for modular domestic ranges and KNX/digital vision devices
- boxes for vertical and horizontal interlocked switched socket-outlets



**Robust, practical boxes with firm fixing**

Distinguished by their robustness and easy installation, the boxes for domestic ranges are equipped with unlosable metal clamps with tear-proof fixing, so they can be quickly and firmly attached to either single-sheet or double-sheet walls.

The boxes, with 3, 4 or 6 gangs, have knockouts for conduits  $\varnothing$  20mm or  $\varnothing$  25mm, and opening profiles for conduits  $\varnothing$  16mm or  $\varnothing$  32mm. Their special geometry makes it easy to insert the conduit, which is firmly held in its seat; the "L" profile of the knockouts allows the conduit to rotate in its seat, facilitating the positioning of the box in the wall cavity.



Fixing clamps



Step 1 - Inserting the conduit



Step 2 - Fixing and rotating the conduit

**The flexible, reliable fixing system**

The GREEN WALL range introduces the concept of tabs for fixing enclosures, boards, boxes for interlocked switched socket-outlets, and junction boxes. The tab system is a flexible one, suitable for all assembly situations; user-friendly tabs speed up the positioning and fixing of the containers. The outer edges of all the containers have cusps: specific reference points that make it easier to mark the sheet in preparation for the cut. Depending on the specific needs, the tabs can be fixed in three different ways:

- a. on a metal frame:** a frame is inserted between the two vertical uprights, or an additional horizontal frame is used. The structure is created with the aid of special screws for use with plasterboard, then the back-mounting box is fixed to the frame by means of the tabs.
- b. on sheet:** the back-mounting box is fixed to the back of the sheet with the aid of the tabs, then anchored from the front of the sheet with special screws for use with plasterboard.
- c. on a masonry wall:** the back-mounting boxes have specific references so they can be fixed to masonry walls with the aid of wall plugs, after which the plasterboard sheets are positioned on top (this method is often used during renovations).



ARTICLES	ON METAL FRAME	ON SHEET	ON MASONRY WALL
<b>Enclosures and distribution boards</b>	✓		
<b>Junction boxes</b>	✓	✓	✓
<b>Boxes for interlocked switched socket-outlets 67IB and 44IB</b>	✓	(with tabs*)	
<b>Boxes for domestic ranges - 3/4/6 gangs</b>		✓	
<b>Boxes for round domestic ranges - 2 and 2+2 gangs</b>		(with clamps)	
<b>Box for domestic ranges - 8 gangs (4+4) **</b>	✓	✓	
		(with tabs*)	
<b>Box for Master and Vision Master</b>	✓	✓	
		(with tabs*)	









\* Tabs on the sides of the horizontal walls. Boxes (24, 36, 54, 72 modules) and box for interlocked switched socket-outlets (67 IB) equipped with fixing tabs on the sides of the vertical walls.

\*\* Can also be used for the installation of command panels and video entryphones.

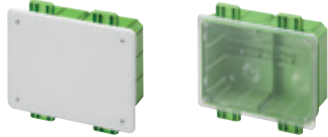





# Green Wall FLUSH-MOUNTING SYSTEM

## FOR LIGHTWEIGHT AND PLASTERBOARD WALLS


### 40 CDKI GREEN WALL - MODULAR AND PROTECTED ENCLOSURES AND DISTRIBUTION BOARDS - IP40

<b>40 CDKI GREEN WALL - MODULAR AND PROTECTED ENCLOSURES AND DISTRIBUTION BOARDS - IP40</b> 		COMPLEMENTARY ITEMS						
		Cover profiles	Kit of long self-threading screws	Element for combined coupling	Terminal blocks with insulated neutral and earth bars	Horizontal dividers	Blank covering panels	Cylindrical safety lock
Colour: White RAL 9016 Door: smoked transparent								
Code	Modules	Code	Code	Code	Code	Code	Code	
GW 40 605 PM	12	GW 40 467	GW 48 645	2 x GW 40 425	GW 40 402	-	-	1 x GW 40 422
GW 40 606 PM	24 (12X2)				GW 40 487	GW 40 495		
GW 40 609 PM	36 (18X2)				GW 40 404	GW 40 488	GW 40 496	2 x GW 40 422
GW 40 610 PM	54 (18X3)							
GW 40 611 PM	72 (18X4)							

### 48 PT DIN GREEN WALL - BOXES FOR JUNCTION, CONNECTION AND DOMOTICS - IP40















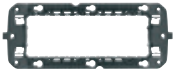












<b>48 PT DIN GREEN WALL - BOXES FOR JUNCTION, CONNECTION AND DOMOTICS - IP40</b> 			COMPLEMENTARY ITEMS				
			Protective shield	No. of internal dividers	Joining element	Spare lids plain IP40	Spare lids deep IP40
(with DIN rail on the bottom)							
Code	Dimensions	Lid	Code	Code	Code	Code	Code
GW 48 006 PM	196x152x75	White RAL 9016	GW 48 006 P	1 x GW 48 012	2 x GW 48 051	GW 48 017	GW 48 086
GW 48 126 PM	196x152x75	Transparent				GW 48 018	GW 48 087
GW 48 007 PM	294x152x75	White RAL 9016				GW 48 019	GW 48 088
GW 48 008 PM	392x152x75	White RAL 9016				GW 48 020	-
GW 48 009 PM	480x160x75	White RAL 9016					

### 48 CM GREEN WALL - HIGH-CAPACITY JUNCTION AND CONNECTION BOXES - IP40

<b>48 CM GREEN WALL - HIGH-CAPACITY JUNCTION AND CONNECTION BOXES - IP40</b> 			COMPLEMENTARY ITEMS			
			No. of internal dividers	Joining element	Spare lids plain IP44	Spare lids deep IP44
Code	Dimensions	Lid	Code	Code	Code	Code
GW 48 207 PM	260x260x121	White RAL 9016	1 supplied	2 supplied	GW 48 247	GW 48 267
GW 48 211 PM	520x260x121	White RAL 9016	4 supplied	2 supplied	GW 48 251	GW 48 271



**24 SC GREEN WALL - FLUSH-MOUNTING BOXES FOR MODULAR RANGE**

24 SC RANGE GREEN WALL		No. of gangs	CHORUS RANGE		SYSTEM RANGE		COMPLEMENTARY ITEMS	
Boxes	Code		Supports	Plates	Supports	Plates	Divider	Cover
<b>RECTANGULAR</b> 	GW 24 403 PM	1	 GW 16 802	 ONE - GEO	 GW 24 201	 Top System - Virna (1,2,3,4,6,8 GANGS)	GW 24 321	-
		2	 GW 16 803	 ONE - GEO - LUX FLAT - ART	 GW 24 262			
		3	 GW 16 803	 ONE - GEO - LUX - FLAT - ART ICE - ICE TOUCH - ICE TOUCH KNX	 GW 24 201			
	GW 24 404 PM	4	 GW 16 804 GW 16 824	 ONE - GEO - LUX - FLAT ART - ICE	 GW 24 202		GW 24 321	-
	GW 24 406 PM	6	 GW 16 806 GW 16 825	 ONE - GEO - LUX	 GW 24 230		GW 24 321	-
	GW 24 237 PM	(4+4)	 GW 16 808	 ONE	 GW 24 240		-	-
<b>ROUND</b> 	GW 24 234 PM	1	 GW 16 802	 ONE - GEO	-	-	-	GW 24 218
		2		 GW 16 822	 ONE International GEO International LUX International	-		
	GW 24 282 PM	2+2 (vert. 57mm)	 2 x GW16 822*	 ONE International LUX International	-	-	-	GW 24 218

\* To couple the two GW 16 822 supports vertically, break the removable tab on each of them.

**GREEN WALL BOXES FOR INTERLOCKED SWITCHED SOCKET-OUTLETS**

Back-mounting box for 67 IB interlocked switched socket-outlets



Code	Houseable sockets
GW 66 683 PM	16/32A SBF-CBF-AUTOMATIKA versions

Back-mounting boxes for 44 IB horizontal socket-outlets



Code	Houseable sockets
GW 66 681 PM	16/32A SBF version
GW 66 682 PM	16/32A CBF version

**GREEN WALL BOXES FOR KNX AND DIGITAL VISION DEVICES**



Code	Houseable devices
GW 24 101 PM	Master ICE - 10"
GW 24 237 PM	Video entryphone with speaker-phone, for flush-mounting

## 40 CDi - decorative enclosure

The contemporary, linear, refined design of decorative enclosures combines perfectly with the shapes and colours of the Chorus domestic range, offering excellent design integration in both the residential and commercial sectors. The technical details of the design combine practicality with style: the curve of the front and door minimises the overall dimensions, avoids the build-up of dust, ensures notable impact resistance, and enables even the bulkiest devices to be installed.

In addition, the door is ergonomically shaped at the edge, not only to indicate the opening side but also to provide a safe, comfortable grip.

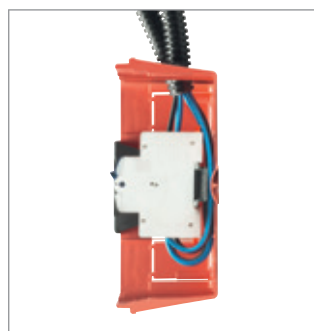
Available in four colours to produce refined design solutions, the range of enclosures (4-36 modules) allows the creation of general and distribution boards for conventional and domestic systems.



Co-ordinated with the Chorus domestic range.



Smart and elegant curves.



More space for wiring and devices.



Door resistant and reversible.

## 40 CDKi – Modular enclosures and boards - IP40

A product offer encompassing as many as 10 different sizes, from 2 up to 72 modules, available both in smoked transparent door versions (particularly suitable for the industrial and commercial sectors) and with blank door (ideal for domotics applications).

Highly durable doors, hooked using elastic hinges and capable of opening to over 180°.

The panels are removable and plumbable, and the frame can be extracted for bench wiring operations.



EN 60754-2



versions with terminal blocks






## 48 PTC – Watertight modular enclosures – IP55



The enclosures with 6 and 12 modules and combined boards are ideal for creating both vertical and horizontal battery enclosures, via through coupling devices.






Thanks to the special gasket, located behind the frontal panel, it is possible to create watertight flush-mounting systems, particularly suitable for distribution in industrial and commercial sectors.

# 40 CDi FLUSH MOUNTING ENCLOSURES AND DISTRIBUTION BOARDS

		FLUSH-MOUNTING ENCLOSURES													
		40 CDi RANGE PROTECTED DECORATIVE ENCLOSURES IP40					40 CDi RANGE - MODULAR PROTECTED ENCLOSURES AND DISTRIBUTION BOARDS - IP40				40 CDi RANGE CHORUS ENCLOSURES IP40				
															
		Milk white		Toner black	Varnished titanium	Varnished slate	White RAL 9010				Milk white	Titanium	Slate		
		Smoked transparent	Blank	Smoked transparent	Smoked transparent	Smoked transparent	Smoked transparent		Blank		Smoked transparent	Smoked transparent	Smoked transparent		
						1st level		2nd level							
Door															
Enclosure															
MODULES	2	with back-mounting box		-	-	-	-	-	-	-	-	-	-		
	4	with back-mounting box		GW 40 237 TB	GW 40 287 TB	GW 40 237 TN	GW 40 237 VT	GW 40 237 VA	GW 40 602	-	GW 40 882	-	-		
		front cover		GW 41 237 TB	-	GW 41 237 TN	GW 41 237 VT	GW 41 237 VA	-	-	-	-	-	-	
	6	with back-mounting box		-	-	-	-	-	GW 40 603	-	GW 40 883	-	-		
	8	with back-mounting box		GW 40 225 TB	GW 40 285 TB	GW 40 225 TN	GW 40 225 VT	GW 40 225 VA	GW 40 604	-	GW 40 884	-	-		
		with backmounting box and 80A - IP20 bipolar terminal block		-	-	-	-	-	GW 40 604 BS	-	GW 40 884 BS	-	-		
		front cover		GW 41 225 TB	-	GW 41 225 TN	GW 41 225 VT	GW 41 225 VA	-	-	-	-	-		
	12	with back-mounting box		GW 40 229 TB	GW 40 289 TB	GW 40 229 TN	GW 40 229 VT	GW 40 229 VA	GW 40 605	-	GW 40 885	-	GW 40 981 TB	GW 40 981 VT	GW 40 981 VA
		with backmounting box and 80A - IP20 bipolar terminal block		-	-	-	-	-	GW 40 605 BS	-	GW 40 885 BS	-	-	-	-
		front cover		GW 41 229 TB	-	GW 41 229 TN	GW 41 229 VT	GW 41 229 VA	-	-	-	-	-	-	
	18	with back-mounting box		-	-	-	-	-	GW 40 608	-	GW 40 888	-	-	-	
		with backmounting box and 80A - IP20 bipolar terminal block		-	-	-	-	-	GW 40 608 BS	-	GW 40 888 BS	-	-	-	
	24 (12x2)	with back-mounting box		GW 40 233 TB	GW 40 293 TB	GW 40 233 TN	GW 40 233 VT	GW 40 233 VA	GW 40 606	-	GW 40 886	-	GW 40 991 TB	GW 40 991 VT	GW 40 991 VA
		with backmounting box and 80A - IP20 bipolar terminal block		-	-	-	-	-	GW 40 606 BS	GW 40 606 BD	GW 40 886 BS	GW 40 886 BD	-	-	-
	36 (12x3)	with back-mounting box		GW 40 239 TB	GW 40 299 TB	GW 40 239 TN	GW 40 239 VT	GW 40 239 VA	-	-	-	-	-	-	
with backmounting box and 80A - IP20 bipolar terminal block		-	-	-	-	-	-	-	-	-	-	-			
front cover		GW 41 239 TB	-	GW 41 239 TN	GW 41 239 VT	GW 41 239 VA	-	-	-	-	-	-			
36 (18x2)	with back-mounting box		-	-	-	-	-	GW 40 609	-	GW 40 889	-	-	-		
	with backmounting box and 80A - IP20 bipolar terminal block		-	-	-	-	-	GW 40 609 BS	GW 40 609 BD	GW 40 889 BS	GW 40 889 BD	-	-		
48 (12x4)	with backmounting box and 80A - IP20 bipolar terminal block		-	-	-	-	-	-	-	-	-	-	-		
54 (18x3)	with back-mounting box		-	-	-	-	-	GW 40 610	-	GW 40 890	-	-	-		
	with backmounting box and 80A - IP20 bipolar terminal block		-	-	-	-	-	GW 40 610 BD	GW 40 610 BT	GW 40 890 BD	GW 40 890 BT	-	-		
72 (18x4)	with back-mounting box		-	-	-	-	-	GW 40 611	-	GW 40 891	-	-	-		
	with backmounting box and 80A - IP20 bipolar terminal block		-	-	-	-	-	GW 40 611 BD	GW 40 611 BQ	GW 40 891 BD	GW 40 891 BQ	-	-		
COMPLEMENTARY ITEMS	Anti-deformation brackets for walling back-mounting boxes		-					GW 40 479 from 36M				-			
	Combined coupling component		2 x GW 40 425 for 8M and 12M					2 x GW 40 425 from 12M				-			
	Kit of 4 long screws with spacers		GW 48 645 from 8M					GW 48 645 from 6M				GW 48 645			
	Internal dividers (horizontal and vertical)		-					horizontal	Modules		Code		-		
									24 (12x2)		GW 40 487				
									36-54-72		GW 40 488				
	1-module high blank cover panels		-					Modules		Code		-			
			24		1 x GW 40 422		4-6-8-12-18-24-36		1 x GW 40 422						
			36		2 x GW 40 422		54-72		2 x GW 40 422						
	Back-mounting boxes		Modules		Code										
4			GW 40 671												
8			GW 40 673												
12			GW 40 674												
24			GW 40 677												
		36		GW 40 679											
Blanking module profile		6,5M					4,5M				4,5M				
		GW 40 467 TB (Milk white)	GW 40 467 TB (Milk white)	GW 40 467 TN (Toner black)	GW 40 467 VT (Titanium)	GW 40 467 VA (Slate)	RAL 9016 White GW 40 467				White RAL 9010	GW 40 467			
										Grey RAL 7035	GW 40 423				
										Toner black	GW 40 468				
Expansion kit for home network enclosure		-					-				-				






(\*) Without door.

**FLUSH-MOUNTING ENCLOSURES**

40 CDi RANGE PROTECTED ENCLOSURES IP40	48 PTC RANGE MODULAR WATERTIGHT ENCLOSURES AND BOARDS - IP55	40 CDi RANGE GREEN WALL MODULAR AND PROTECTED ENCLOSURE AND DISTRIBUTION BOARDS FOR PLASTERBOARD - IP40	40 CDi RANGE PROTECTED ENCLOSURES FOR PLASTERBOARD WALLS - IP40	HOME NETWORK ENCLOSURE FOR NETWORK CABLING IP40	
					
White RAL 9010	Grey RAL 7035	White RAL 9010	Metal frame White RAL 9003	White RAL 9010	
Blank	Smoked transparent	Smoked transparent	Metal blank door	Blank	
-	-	-	-	GW 40 390 (external dimension LxHxD 465x680x95 mm)	
-	GW 48 686 (prepared to housing N°2 IEC309 socket-outlets)	-	-		
-	-	-	-		
-	GW 48 681	-	-		
GW 40 655	-	-	-		
-	-	-	-		
-	-	-	-		
GW 40 657	GW 48 682	GW 40 605 PM	-		
-	-	-	GW 40 161		
-	-	-	-		
-	-	-	-		
GW 40 659	-	GW 40 606 PM	-		
-	-	-	GW 40 162		
-	-	-	-		
-	-	-	GW 40 163		
-	-	-	-		
GW 40 661	-	GW 40 609 PM	-		
-	-	-	-		
-	-	-	GW 40 164		
-	-	GW 40 610 PM	-		
-	-	-	-		
-	-	GW 40 611 PM	-		
-	-	-	-		
-	-	-	-		
-	GW 48 026 (also more than one)	2 x GW 40 425 PM for 12 M	-	2 x GW 40 425	
GW 48 645	GW 48 645	GW 48 645 for 12 M	-	-	
-	-	Modules	Code	Modules	Code
-	-	24	GW 40 487 (horizontal)	12	horizontal GW 40 460 vertical GW 40 456 GW 40 457 GW 40 458 GW 40 459
-	-	36-54-72	GW 40 488 (horizontal)	24	
-	-	36-54-72	GW 40 489	36	
-	-	36-54-72	GW 40 496	48	
1 x GW 40 421 (triangular) from 12M	1 x GW 48 644 (watertight metal cylinder)	Modules	Code	1 x GW 40 463 (metal cylinder)	1 x GW 40 422
-	-	12-24-36	1 x GW 40 422	-	-
-	-	54-72	2 x GW 40 422	-	-
-	-	-	-	-	GW 40 790
4,5M	4,5M	4,5M	4,5M	-	
RAL 9016 White - GW 40 467	RAL 7035 Grey - GW 40 423	RAL 9016 White - GW 40 467	RAL 9016 White - GW 40 467	-	
-	-	-	-	GW 38 097 - GW 38 098 - GW 38 099	

# 40 CDi FLUSH-MOUNTING DISTRIBUTION BOARDS AND ENCLOSURES

## COMPATIBILITY OF FLUSH-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS

Flush-mounting enclosure range	MODULES	Door	Code	Terminal blocks position	SCREW TERMINAL BLOCKS TYPE		
							
					TERMINAL BLOCK SIZE 1		
					Bipolar 125 A 2 x [(1x25)+(7x10)]	Bipolar 80 A 2 x [(2x16)+(7x10)]	Unipolar 80 A 1 x [(2x16)+(7x10)]
					GW 40 401	GW 40 408 B	GW 40 408 U
<b>40CDI DECORATIVE ENCLOSURES IP40</b>    	8	Smoked transparent door	GW 40 225 TB		No. 1	No. 1	No. 1
		Smoked transparent door	GW 40 225 TN				
		Smoked transparent door	GW 40 225 VT				
		Smoked transparent door	GW 40 225 VA				
		Blank door	GW 40 285 TB				
	12	Smoked transparent door	GW 40 229 TB		No. 1 (*)	No. 1 (*)	No. 1 (*)
		Smoked transparent door	GW 40 229 TN				
		Smoked transparent door	GW 40 229 VT				
		Smoked transparent door	GW 40 229 VA				
		Blank door	GW 40 289 TB				
	24 (12x2)	Smoked transparent door	GW 40 233 TB		No. 2 (*)	No. 2 (*)	No. 2 (*)
		Smoked transparent door	GW 40 233 TN				
		Smoked transparent door	GW 40 233 VT				
		Smoked transparent door	GW 40 233 VA				
		Blank door	GW 40 293 TB				
	36 (12x3)	Smoked transparent door	GW 40 239 TB		No. 2 (*)	No. 2 (*)	No. 2 (*)
		Smoked transparent door	GW 40 239 TN				
		Smoked transparent door	GW 40 239 VT				
		Smoked transparent door	GW 40 239 VA				
		Blank door	GW 40 299 TB				
<b>40 CDi PROTECTED MODULA ENCLOSURES AND DISTRIBUTION DOOR IP40</b>  	8	Smoked transparent door	GW 40 604		No. 1	No. 1	No. 1
		Blank door	GW 40 884				
	12	Smoked transparent door	GW 40 605		No. 1 (*)	No. 1 (*)	No. 1 (*)
		Blank door	GW 40 885				
	18	Smoked transparent door	GW 40 608		No. 1 (*)	No. 1 (*)	No. 1 (*)
		Blank door	GW 40 888				
	24 (12x2)	Smoked transparent door	GW 40 606		No. 2 (*)	No. 2 (*)	No. 2 (*)
		Blank door	GW 40 886				
	36 (18x2)	Smoked transparent door	GW 40 609		No. 2 (*)	No. 2 (*)	No. 2 (*)
		Blank door	GW 40 889				
	54 (18x3)	Smoked transparent door	GW 40 610		No. 3 (*)	No. 3 (*)	No. 3 (*)
		Blank door	GW 40 890				
	72 (18x4)	Smoked transparent door	GW 40 611		No. 4 (*)	No. 4 (*)	No. 4 (*)
		Blank door	GW 40 891				
<b>40 CDi PROTECTED ENCLOSURES IP40</b>  	8	Blank door	GW 40 655		No. 1	No. 1	No. 1
	12	Blank door	GW 40 657		No. 1 (*)	No. 1 (*)	No. 1 (*)
	24 (12x2)	Blank door	GW 40 659		No. 2	No. 2	No. 2
	36 (18x2)	Blank door	GW 40 661		No. 2 (*)	No. 2 (*)	No. 2 (*)
<b>40 CDK GREEN WALL ENCLOSURES AND DISTRIBUTION BOARDS FOR LIGHTWEIGHT AND PLASTERBOARD IP40</b>  	12	Smoked transparent door	GW 40 605 PM		No. 1 (*)	No. 1 (*)	No. 1 (*)
	24 (12x2)	Smoked transparent door	GW 40 606 PM		No. 2 (*)	No. 2 (*)	No. 2 (*)
	36 (18x2)	Smoked transparent door	GW 40 609 PM		No. 2 (*)	No. 2 (*)	No. 2 (*)
	54 (18x3)	Smoked transparent door	GW 40 610 PM		No. 3 (*)	No. 3 (*)	No. 3 (*)
	72 (18x4)	Smoked transparent door	GW 40 611 PM		No. 4 (*)	No. 4 (*)	No. 4 (*)

(\*) The installation is allowed using No.1 adapter GW40413 for each terminal block installed.

**COMPATIBILITY OF FLUSH-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS**

**SCREW TERMINAL BLOCKS TYPE**



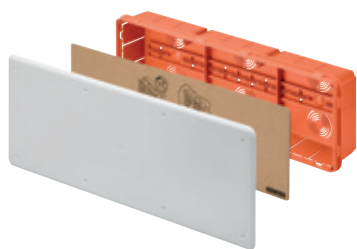
TERMINAL BLOCK SIZE 2				TERMINAL BLOCK SIZE 3		
Bipolar 125 A 2 x [(3x25)+(10x10)]	Bipolar 80 A 2 x [(3x16)+(11x10)]	Unipolar 80 A 1 x [(3x16)+(11x10)]	Unipolar 80 A 1 x [(3x16)+(29x10)]	Bipolar 125 A 2 x [(5x25)+(14x10)]	Bipolar 80 A 2 x [(3x16)+(17x10)]	Unipolar 80 A 1 x [(3x16)+(17x10)]
GW 40 402	GW 40 412 B	GW 40 412 U	GW 40 422 U	GW 40 404	GW 40 418 B	GW 40 418 U
-	-	-	-	-	-	-
No. 1	No. 1	No. 1	No. 1	-	-	-
No. 2	No. 2	No. 2	No. 2	-	-	-
No. 2	No. 2	No. 2	No. 2	-	-	-
-	-	-	-	-	-	-
No. 1	No. 1	No. 1	No. 1	-	-	-
No. 1 (*)	No. 1 (*)	No. 1 (*)	No. 1 (*)	No. 1	No. 1	No. 1
No. 2	No. 2	No. 2	No. 2	-	-	-
No. 2 (*)	No. 2 (*)	No. 2 (*)	No. 2 (*)	No. 2	No. 2	No. 2
No. 3 (*)	No. 3 (*)	No. 3 (*)	No. 3 (*)	No. 3	No. 3	No. 3
No. 4 (*)	No. 4 (*)	No. 4 (*)	No. 4 (*)	No. 4	No. 4	No. 4
-	-	-	-	-	-	-
No. 1	No. 1	No. 1	No. 1	-	-	-
-	-	-	-	-	-	-
No. 2	No. 2	No. 2	No. 2	-	-	-
No. 1	No. 1	No. 1	No. 1	-	-	-
No. 2	No. 2	No. 2	No. 2	-	-	-
No. 2 (*)	No. 2 (*)	No. 2 (*)	No. 2 (*)	No. 2	No. 2	No. 2
No. 3 (*)	No. 3 (*)	No. 3 (*)	No. 3 (*)	No. 3	No. 3	No. 3
No. 4 (*)	No. 4 (*)	No. 4 (*)	No. 4 (*)	No. 4	No. 4	No. 4

## More space for conduits, wiring and now also for domotics

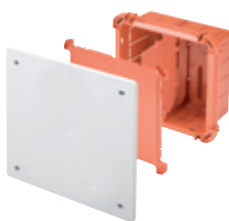
A system of flush-mounting connection and junction boxes and now also suitable for the domotics devices developed to respond to the specific installation needs of the domestic and tertiary sectors.

This system consists of three different product lines:

- 48 PT / PT DIN range: boxes for junction, connection and domotics with a mortar guard element (integrated DIN rail on the back-mounting box, starting from size no. 6) - IP40
- 48 CM range: high-capacity boxes with a protective shield - IP40
- 48 PTC range: boxes for modular junction, command and distribution, with a protective mortar guard shield - IP40/IP55



**48 PT/PT DIN**  
for ordinary applications and domotics



**48 CM**  
for studs



**48 PTC**  
for special applications
















EN 60754-2  
Versions with  
halogen-free  
material

BIG BOX	24 SC BIG BOX - HIGH-CAPACITY RECTANGULAR BOXES FOR BRICK WALLS		24 SC - BIG BOX TECHNICAL COMPONENTS			
	Code	Description		Code	Description	For BIG BOX code
	GW 24 403*	3-gang		GW 24 403 P	Shield for protection against mortar and paint	GW 24 403
	GW 24 404	4-gang		GW 24 404 P		GW 24 404
	GW 24 406	6-gang		GW 24 406 P		GW 24 406
	GW 24 206	6-gang (3+3)		GW 24 321	Functional divider	GW 24 403 GW 24 404 GW 24 406
	GW 24 237	8-gang (4+4)				
	GW 24 238	12-gang (6+6)		GW 24 330	Connection element	
	GW 24 239	18-gang (6+6+6)				

\* The 15-piece space-saving pack lets you store a greater number of 3-gang boxes GW24403 in less space.



48 PT / PT DIN and 48 PTC: cardboard mortar guard element supplied			ACCESSORIES APPLICATION TABLE					
			Dimensions (mm)	Protective shield	No. of internal dividers	Coupling element	SPARE LIDS	
Plain	Deep							
RANGE	CODE							
48 PT / PT DIN	GW 48 001		92x92x45	-	-	-	IP40 GW 48 013	-
	GW 48 002		118x96x50	-	-	-	IP40 GW 48 014	-
	GW 48 003		118x96x70	-	-	2 x GW 48 051	IP40 GW 48 014	-
	GW 48 004		152x98x70	-	-	2 x GW 48 051	IP40 GW 48 015	IP40 GW 48 084
	GW 48 005		160x130x70	-	-	2 x GW 48 051	IP40 GW 48 016	IP40 GW 48 085
	GW 48 006	 (DIN rail on the bottom)	196x152x70	1 x GW 48 006 P	1 x GW 48 012	2 x GW 48 051	IP40 GW 48 017	IP40 GW 48 086
	GW 48 007		294x152x70	1 x GW 48 007 P	2 x GW 48 012	2 x GW 48 051	IP40 GW 48 018	IP40 GW 48 087
	GW 48 008		392x152x70	1 x GW 48 008 P	3 x GW 48 012	2 x GW 48 051	IP40 GW 48 019	IP40 GW 48 088
	GW 48 009		480x160x70	1 x GW 48 009 P	2 x GW 48 012	2 x GW 48 051	IP40 GW 48 020	-
	GW 48 010		516x202x80	1 x GW 48 010 P	2 x GW 48 012	2 x GW 48 051	IP40 GW 48 021	-
GW 48 011	516x294x80	1 x GW 48 011 P	5 supplied	2 x GW 48 051	IP40 GW 48 022	-		
48 CM	GW 48 207		260x260x121	-	2 supplied	2 supplied	IP44 GW 48 247	IP44 GW 48 267
	GW 48 211		520x260x121	-	5 supplied	2 supplied	IP44 GW 48 251	IP44 GW 48 271
	GW 48 227		260x260x121	-	2 supplied	2 supplied	IP44 GW 48 247	IP44 GW 48 267
	GW 48 231		520x260x121	-	5 supplied	2 supplied	IP44 GW 48 251	IP44 GW 48 271
48 PTC - IP 40	GW 48 661		138x169x70	-	-	In-line coupling connector GW 48 026 	GW 48 611	-
	GW 48 662		308x169x70	-	1 x GW 48 024		GW 48 612	-
	GW 48v 663		398x169x70	-	2 x GW 48 024		GW 48 613	-
48 PTC - IP55	GW 48 671 GW 48 691		138x169x70	-	-		GW 48 621 GW 48 651	-
	GW 48 672		308x169x70	-	1 x GW 48 024		GW 48 622	-
	GW 48 673		398x169x70	-	2 x GW 48 024		GW 48 623	-

# Conduits and installation accessories

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## RK

RIGID PROTECTIVE CONDUIT SYSTEMS



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## FK

PLIABLE PROTECTIVE CONDUIT SYSTEMS



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## DF

FLEXIBLE PROTECTIVE CONDUIT SYSTEMS



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## FU/PZ

CABLE DUCT AND ACCESS CHAMBER SYSTEMS



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## GW FIT

CABLE DUCT AND ACCESS CHAMBER SYSTEMS



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## Range rigid conduits

The GEWISS rigid conduits and accessories allow you to create articulated systems in optimum safety conditions, in any type of environment and for any type of installation.

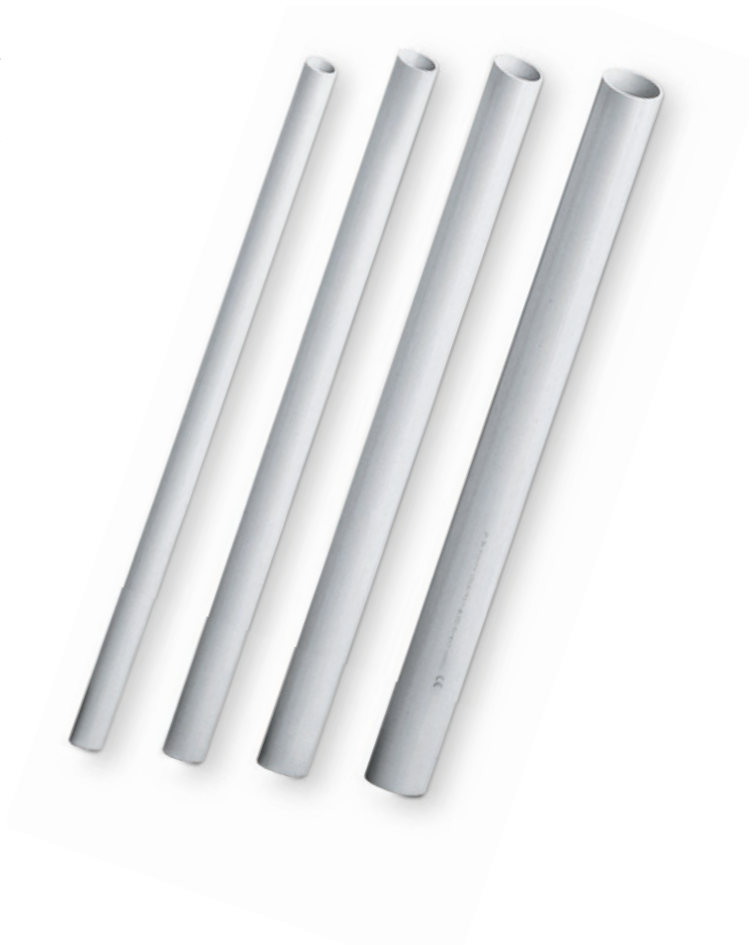
The range consists of 4 types of conduits, all of which comply with standards EN 61386-1 and EN 61386-21:

**RK15:** 3321 classification (standard applications)

**IRL/B:** 3321 classification (sleeved, for standard applications)

**RKB:** 4321 classification (heavy-duty applications)

**RKHF:** 4422 classification (heavy-duty applications that require halogen-free versions for maximum safety)



### Accessories

Wide range of couplings, joints and routing components for implementing complex and articulated exposed systems. Possibility of obtaining two degrees of protection: IP40 and IP67.












### Halogen-free version







The RKHF conduits and couplings create totally halogen-free systems - the ideal solution for installations in public and crowded environments, thanks to their lower toxic emissions in the event of fire.









### TRIX and QUADRIX boxes

The snap-fit assembly of boxes with specific accessories always ensures perfect watertight conditions thanks to the O-ring seal. The box cover can be assembled by simply pressing it, thus ensuring faster implementation and system inspection simplicity.

Conduit Ø (mm)	RIGID CONDUITS					RK RANGE ROUTING COMPONENTS IP40			
	RK 15 range		RKB range	RKHF range		Coupling IP40	Narrow bend curve IP40	Inspectionable T-joint IP40	Inspectionable bend IP40
									
16	DX 25 216	DX 25 316	DX 25 716	<b>DX 26 216</b>	<b>DX 26 316</b>	DX 40 016	DX 40 116	DX 40 216	DX 40 316
20	DX 25 220	DX 25 320	DX 25 720	<b>DX 26 220</b>	<b>DX 26 320</b>	DX 40 020	DX 40 120	DX 40 220	DX 40 320
25	DX 25 225	DX 25 325	DX 25 725	<b>DX 26 225</b>	<b>DX 26 325</b>	DX 40 025	DX 40 125	DX 40 225	DX 40 325
32	DX 25 232	DX 25 332	DX 25 732	<b>DX 26 232</b>	<b>DX 26 332</b>	DX 40 032	DX 40 132	DX 40 232	DX 40 332
40		DX 25 340	DX 25 740	<b>DX 26 240</b>		DX 40 040	DX 40 140		
50		DX 25 350	DX 25 750	<b>DX 26 250</b>		DX 40 050	DX 40 150		
63		DX 25 363	DX 25 763	<b>DX 26 263</b>		DX 40 063	DX 40 163		

MORBIDX RANGE WATERTIGHT ROUTING COMPONENTS								
Release coupling IP67	Narrow bend curve IP67	Conduit-box pipe-fitting IP67		Conduit-sheath pipe-fitting IP65		Conduit-sheath pipe-fitting (equal diameter) IP65		Conduit-conduit pipe-fitting - IP65
								
		Metric pitch		Sheath Ø		Sheath Ø		
<b>DX 43 016</b>	<b>DX 43 116</b>	M16x1.5	<b>DX 43 216</b>	12	<b>DX 43 316</b>	16	<b>DX 43 416</b>	DX 43 516
<b>DX 43 020</b>	<b>DX 43 120</b>	M20x1.5	<b>DX 43 220</b>	16	<b>DX 43 320</b>	20	<b>DX 43 420</b>	DX 43 520
<b>DX 43 025</b>	<b>DX 43 125</b>	M25x1.5	<b>DX 43 225</b>	20	<b>DX 43 325</b>	25	<b>DX 43 425</b>	DX 43 525
<b>DX 43 032</b>	<b>DX 43 132</b>	M32x1.5	<b>DX 43 232</b>	25	<b>DX 43 332</b>	28	<b>DX 43 432</b>	DX 43 532
<b>DX 43 040</b>	<b>DX 43 140</b>	M40x1.5	<b>DX 43 240</b>	32	<b>DX 43 340</b>	40	<b>DX 43 440</b>	DX 43 540
<b>DX 43 050</b>	<b>DX 43 150</b>	M50x1.5	<b>DX 43 250</b>	40	<b>DX 43 350</b>			DX 43 550

Description	BOXES	IP54 COUPLINGS FOR TRIX AND QUADRIX BOXES		
		Cap 	Box-box pipe-fitting 	
3-inlet TRIX BOX	<b>DX 45 003</b>	<b>DX 47 000</b>	<b>DX 47 001</b>	Conduit Ø 16mm <b>DX 47 616</b>
4-inlet QUADRIX BOX	<b>DX 45 004</b>	<b>DX 47 000</b>	<b>DX 47 001</b>	<b>DX 47 616</b>
7-inlet QUADRIX BOX	<b>DX 45 007</b>	<b>DX 47 000</b>	<b>DX 47 001</b>	<b>DX 47 616</b>
10-inlet QUADRIX BOX	<b>DX 45 010</b>	<b>DX 47 000</b>	<b>DX 47 001</b>	<b>DX 47 616</b>

IP54 COUPLINGS FOR TRIX AND QUADRIX BOXES							
Smooth conduit pipe-fitting 		Spiralled sheath pipe-fitting 			Cable gland pipe-fitting 		
Conduit Ø 20mm	Conduit Ø 25mm	Sheath Ø 12mm	Sheath Ø 16mm	Sheath Ø 20mm	Cables Ø 3-6mm	Cables Ø 6-9mm	Cables Ø 9-12
<b>DX 47 620</b>	<b>DX 47 625</b>	<b>DX 47 212</b>	<b>DX 47 216</b>	<b>DX 47 220</b>	<b>DX 47 503</b>	<b>DX 47 506</b>	<b>DX 47 509</b>
<b>DX 47 620</b>	<b>DX 47 625</b>	<b>DX 47 212</b>	<b>DX 47 216</b>	<b>DX 47 220</b>	<b>DX 47 503</b>	<b>DX 47 506</b>	<b>DX 47 509</b>
<b>DX 47 620</b>	<b>DX 47 625</b>	<b>DX 47 212</b>	<b>DX 47 216</b>	<b>DX 47 220</b>	<b>DX 47 503</b>	<b>DX 47 506</b>	<b>DX 47 509</b>
<b>DX 47 620</b>	<b>DX 47 625</b>	<b>DX 47 212</b>	<b>DX 47 216</b>	<b>DX 47 220</b>	<b>DX 47 503</b>	<b>DX 47 506</b>	<b>DX 47 509</b>

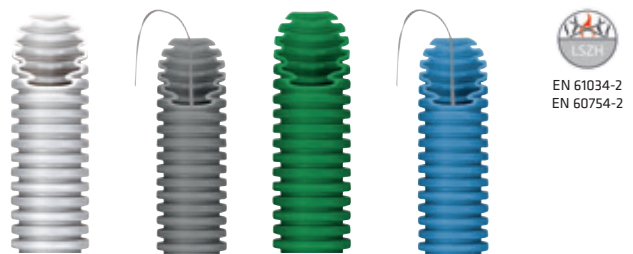
In bold: versions with halogen-free material

## FK15, FKCO Range pliable conduits and ICTA, FKHF Range pliable self recovering conduits

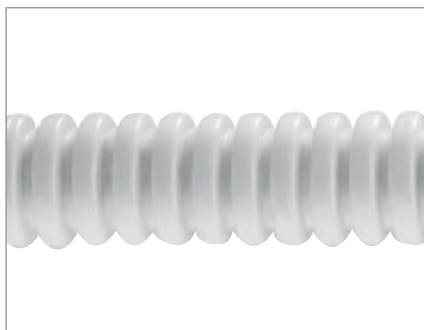
FK15 range: medium pliable corrugated conduits with 33212 classification, diameter from 16 to 63 mm, in six different colours - available in versions with or without a cable puller-feeder - for identification of the various lines in the electrical system.



ICTA medium pliable and self recovering corrugated conduits with 34223 classification thanks to their Low Opacity (EN 61034 - 2) and Halogen Free (EN 60754-2) materials are ideal for installation in public environments: thanks to their halogen-free material, the smoke created in the event of a fire has lower opacity and toxic emissions.



The FK Range conduits comply with Standards EN 61386-1 and EN 61386-22.



### Flexibility

The profile of the FK15 conduits is characterised by a special geometry of the ribs to offer greater flexibility, higher load resistance and reduced thermal memory - characteristics that simplify and speed up the laying procedure inside the raceway.















### Line identification

The wide choice of colours in the FK15 Arcobaleno range ensures a valid solution for modern electrical systems with their increasingly complex and subdivided structure, where the identification of the different lines is essential.
















### FKCO Range conduits

FKCO Range, medium pliable conduits 33212 classification: thanks to the particular embodiment of the double wall, ensuring total protection against the penetration of liquid components of "self-leveling" concrete. The outer covering also provides an additional protection against stamping, crush and shock in construction site.

CONDUIT Ø	FK15 AND FKCO (*) PLIABLE CONDUITS - CLASSIFICATION 3321											
	White		Black		Green		Blue		Brown		Lilac	
												
16	DX 16 216	DX 16 3 16	DX 15 016	DX 15 116	DX 15 216	DX 15 316	DX 15 416	DX 15 516	DX 15 616	DX 15 716	DX 15 816	DX 15 916
20	DX 16 220	DX 16 320	DX 15 020	DX 15 120	DX 15 220	DX 15 320	DX 15 420	DX 15 520	DX 15 620	DX 15 720	DX 15 820	DX 15 920
	<b>DX 16 220 C</b>		<b>DX 15 020 C</b>		<b>DX 15 220 C</b>		<b>DX 15 420 C</b>		<b>DX 15 620 C</b>		<b>DX 15 820 C</b>	
25	DX 16 225	DX 16 325	DX 15 025	DX 15 125	DX 15 225	DX 15 325	DX 15 425	DX 15 525	DX 15 625	DX 15 725	DX 15 825	DX 15 925
	<b>DX 16 225 C</b>		<b>DX 15 025 C</b>		<b>DX 15 225 C</b>		<b>DX 15 425 C</b>		<b>DX 15 625 C</b>		<b>DX 15 825 C</b>	
32	DX 16 232	DX 16 332	DX 15 032	DX 15 132	DX 15 232	DX 15 332	DX 15 432	DX 15 532	DX 15 632	DX 15 732	DX 15 832	DX 15 932
	<b>DX 16 232 C</b>		<b>DX 15 032 C</b>		<b>DX 15 232 C</b>		<b>DX 15 432 C</b>		<b>DX 15 632 C</b>		<b>DX 15 832 C</b>	
40	DX 16 240	DX 16 340	DX 15 040	DX 15 140	DX 15 240		DX 15 440		DX 15 640		DX 15 840	
	<b>DX 16 240 C</b>		<b>DX 15 040 C</b>		<b>DX 15 240 C</b>		<b>DX 15 440 C</b>		<b>DX 15 640 C</b>		<b>DX 15 840 C</b>	
50	DX 16 250	DX 16 350	DX 15 050	DX 15 150	DX 15 250		DX 15 450		DX 15 650		DX 15 850	
63	DX 16 263	DX 16 363	DX 15 063	DX 15 163								

codes in black: FKCO pipes

CONDUIT Ø	ICTA RANGE OF HALOGEN-FREE SELF-RECOVERING PLIABLE CONDUITS - CLASS 3422								FKHF RANGE HALOGEN-FREE SELF-RECOVERING PLIABLE CONDUITS - CLASS 2322	
	Grey		Dark grey		Green		Blue		Grey	
										
16	<b>DX 20 016</b>	<b>DX 20 116</b>	<b>DX 20 416</b>	<b>DX 20 516</b>	<b>DX 22 016</b>	<b>DX 22 116</b>	<b>DX 23 016</b>	<b>DX 23 116</b>	<b>DX 23 216</b>	<b>DX 23 316</b>
20	<b>DX 20 020</b>	<b>DX 20 120</b>	<b>DX 20 420</b>	<b>DX 20 520</b>	<b>DX 22 020</b>	<b>DX 22 120</b>	<b>DX 23 020</b>	<b>DX 23 120</b>	<b>DX 23 220</b>	<b>DX 23 320</b>
25	<b>DX 20 025</b>	<b>DX 20 125</b>	<b>DX 20 425</b>	<b>DX 20 525</b>	<b>DX 22 025</b>	<b>DX 22 125</b>	<b>DX 23 025</b>	<b>DX 23 125</b>	<b>DX 23 225</b>	<b>DX 23 325</b>
32	<b>DX 20 032</b>	<b>DX 20 132</b>	<b>DX 20 432</b>	<b>DX 20 532</b>	<b>DX 22 032</b>	<b>DX 22 132</b>	<b>DX 23 032</b>	<b>DX 23 132</b>	<b>DX 23 232</b>	<b>DX 23 332</b>
40	<b>DX 20 040</b>	<b>DX 20 140</b>	<b>DX 20 440</b>	<b>DX 20 540</b>	<b>DX 22 040</b>	<b>DX 22 140</b>	<b>DX 23 040</b>	<b>DX 23 140</b>	<b>DX 23 240</b>	<b>DX 23 340</b>
50	<b>DX 20 050</b>	<b>DX 20 150</b>	<b>DX 20 450</b>	<b>DX 20 550</b>	<b>DX 22 050</b>	<b>DX 22 150</b>	<b>DX 23 050</b>	<b>DX 23 150</b>	<b>DX 23 250</b>	<b>DX 23 350</b>
63	<b>DX 20 063</b>	<b>DX 20 163</b>	<b>DX 20 463</b>	<b>DX 20 563</b>	<b>DX 22 063</b>	<b>DX 22 163</b>	<b>DX 23 063</b>	<b>DX 23 163</b>	<b>DX 23 263</b>	<b>DX 23 363</b>

ACCESSORIES FOR CONDUITS			
CONDUIT Ø			
	GF coupling	TF cap	Conduit-box coupling
16	DX 52 016	DX 52 116	GW 50 415
20	DX 52 020	DX 52 120	GW 50 416
25	DX 52 025	DX 52 125	GW 50 417
32	DX 52 032	DX 52 132	GW 50 418
40	DX 52 040	DX 52 140	GW 50 419
50	DX 52 050	DX 52 150	GW 50 420
63	DX 52 063	DX 52 163	

CABLE PULLER				
Length (m)	Cable puller Ø 3mm		Cable puller Ø 4mm	
	ST	STS	Flexible head	Tail ring
5	DX 52 205	DX 52 305	DX 52 299	DX 52 399
10	DX 52 210	DX 52 310	DX 52 299	DX 52 399
15	DX 52 215	DX 52 315	DX 52 299	DX 52 399
20	DX 52 220	DX 52 320	DX 52 299	DX 52 399
25	DX 52 225	DX 52 325	DX 52 299	DX 52 399

In bold: versions with halogen-free material











## Range of spiralled sheaths

DF range: system of spiralled sheaths with 2311 classification in 14 different diameters - from 8 to 60mm - in grey, black and blue. 12-mm, 16-mm, 20-mm and 25-mm diameters are also available in the Light version with 1311 classification for non-heavy-duty applications.

Sheaths and couplings with an IP54 degree of protection, in grey and black are available, with metric, PG and GAS thread for connecting boards, boxes and rigid conduits: a system suitable for exposed systems for all uses in the industrial and commercial sectors. Thanks to its high flexibility and resistance, the DF range is the winning solution for connecting and powering moving mechanical components.

The DF sheaths comply with Standards EN 61386-1 and EN 61386-23.



SHEATH Ø (mm)	SPIRAL SHEATHS				ROTATING STRAIGHT PIPE FITTINGS - IP54 RANGE								
	DIFLEX range - Class 2311			LIGHT range - Class 1311	RDM			RDG			RDPG		
	Grey	Black	Blue	Grey		Grey	Black		Grey	Black		Grey	Black
8					ISO pitch								
	DX 30 008	DX 30 108			M12x1	DX 54 008	DX 54 108	1/4"	DX 54 208	DX 54 308	7	DX 54 408	DX 54 508
10	DX 30 010	DX 30 110			M16x1.5	DX 54 010	DX 54 110	1/4"	DX 54 210	DX 54 310	7 9	DX 54 410 DX 54 411	DX 54 510 DX 54 511
12	DX 30 012	DX 30 112	DX 30 212	DX 30 812	M16x1.5	DX 54 012	DX 54 112	3/8"	DX 54 212	DX 54 312	11 13.5	DX 54 412 DX 54 413	DX 54 512 DX 54 513
14	DX 30 014	DX 30 114						1/2"	DX 54 214	DX 54 314	13.5	DX 54 414	DX 54 514
16	DX 30 016	DX 30 116	DX 30 216	DX 30 816	M20x1.5	DX 54 016	DX 54 116	1/2"	DX 54 216	DX 54 316	13.5 16	DX 54 416 DX 54 417	DX 54 516 DX 54 517
20	DX 30 020	DX 30 120	DX 30 220	DX 30 820	M25x1.5	DX 54 020	DX 54 120	3/4"	DX 54 220	DX 54 320	21	DX 54 420	DX 54 520
22	DX 30 022	DX 30 122	DX 30 222		M25x1.5	DX 54 022	DX 54 122	3/4"	DX 54 222	DX 54 322	21	DX 54 422	DX 54 522
25	DX 30 025	DX 30 125	DX 30 225	DX 30 825	M32x1.5	DX 54 025	DX 54 125	1"	DX 54 225	DX 54 325	29	DX 54 425	DX 54 525
28	DX 30 028	DX 30 128			M32x1.5	DX 54 028	DX 54 128	1"	DX 54 228	DX 54 328	29	DX 54 428	DX 54 528
32	DX 30 032	DX 30 132	DX 30 232		M40x1.5	DX 54 032	DX 54 132	1 1/4"	DX 54 232	DX 54 332	36	DX 54 432	DX 54 532
35	DX 30 035	DX 30 135						1 1/4"	DX 54 235	DX 54 335	36	DX 54 435	DX 54 535
40	DX 30 040	DX 30 140	DX 30 240		M50x1.5	DX 54 040	DX 54 140	1 1/2"	DX 54 240	DX 54 340			
50	DX 30 050	DX 30 150			M63x1.5	DX 54 050	DX 54 150	2"	DX 54 250	DX 54 350			
60	DX 30 060	DX 30 160											



## Range of access chamber systems: versatility and convenience

Available in 4 sizes - from 200 to 550mm - with high resistance and gridded covers, they are ideal for junctions, as wall chasers for electrical systems, or for telecommunication applications. Particularly suitable for public lighting systems or earth systems. Thanks to its thermoplastic materials, pre-cut base and the possibility of overlapping, the PZ range is a valid alternative to typical concrete electrical boxes, ensuring optimum resistance and unaltered long-term performance.



THERMOPLASTIC ACCESS CHAMBERS													
Type	Dimensions (mm)	Complete access chambers	Access chambers without covers	Covers						Separator plate	Sealing gaskets	Kit of 4 screws	Central bolt for lifting kit
				Closed			Gridded						
				Grey	Green	Blue	Grey	Green	Blue				
<b>Square-base access chambers</b> 	200x200x200	DX 59 401	DX 59 402	DX 59 410	DX 59 430		DX 59 411	DX 59 431		DX 59 440	DX 59 451	DX 59 450	
	300x300x300	DX 59 701	DX 59 702	DX 59 710	DX 59 730		DX 59 711	DX 59 731		DX 59 740	DX 59 751	DX 59 450	
	400x400x400	DX 59 801	DX 59 802	DX 59 810	DX 59 830		DX 59 811	DX 59 831		DX 59 840	DX 59 851	DX 59 452	DX 59 453
	550x550x520	DX 59 901	DX 59 902	DX 59 910	DX 59 930		DX 59 911	DX 59 931		DX 59 940	DX 59 951	DX 59 452	DX 59 453
<b>Kit of 8 square base complete access chambers</b> 	200x200x200	DX 59 460		DX 59 410	DX 59 430		DX 59 411	DX 59 431			DX 59 451	DX 59 450	
	300x300x300	DX 59 760		DX 59 710	DX 59 730		DX 59 711	DX 59 731			DX 59 751	DX 59 450	
<b>Rectangular-base access chambers</b> 	360x260x326	DX 59 501	DX 59 502	DX 59 511	DX 59 230	DX 59 220	DX 59 520	DX 59 231	DX 59 221	Transversal DX 59 240 Longitudinal DX 59 241 Diagonal DX 59 242	DX 59 551	DX 59 650	

## Range of cable ducts: flexibility of use

The special dual-wall form of the FU cable ducts, made from PEHD and available in 10 diameters (40-200mm) with built-in cable puller, allows very narrow curvature radiuses (8 times the outer conduit diameter) and can even be laid in excavations that are not perfectly aligned.



CORRUGATED CABLE DUCTS DOUBLE SURFACE									
Diameter (mm)	40	50	63	75	90	110	125	160	200
<b>Corrugated cable ducts</b> 	DX 35 000	DX 35 001	DX 35 002	DX 35 003	DX 35 004	DX 35 005	DX 35 006	DX 35 008	DX 35 009
<b>Couplings</b> 	DX 58 200	DX 58 201	DX 58 202	DX 58 203	DX 58 204	DX 58 205	DX 58 206	DX 58 208	DX 58 209

## Small details can have a great impact on safety

A complete, professional range of ties.

These products are used in boards, enclosures and junction boxes as well as more general applications.

Though simple, ties are key elements for the safe operation of electrical systems.

The range consists of 6 different product lines, in versions for wiring (PA 66) and the L.T.R. family (PA 12) with double head for outdoor applications, guaranteeing the seal even under extremely heavy-duty conditions.

The high performance ties in PA12 - a highly prized material characterised by low hygroscopic capacity - are particularly suited to outdoor use, even at low temperatures.

These ties, with dimensions of 9x265mm and more, have a double head.

The range is completed with special fixing accessories.



**EN 60754-2**  
Versions with  
halogen-free  
material

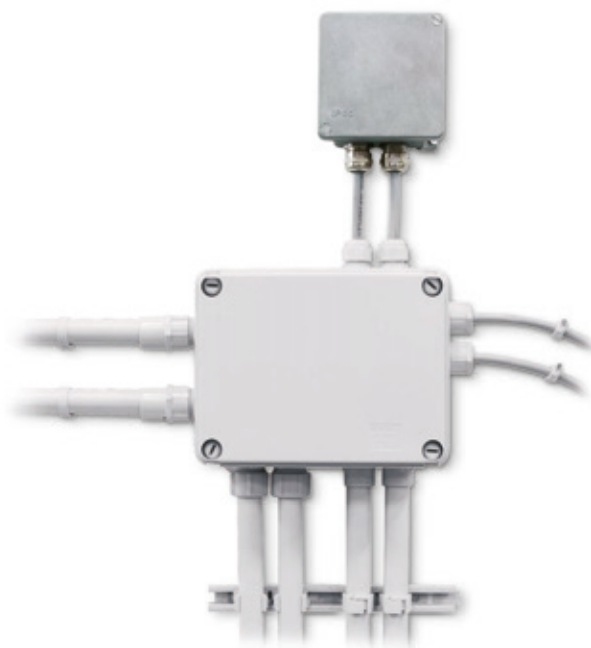


CABLE TIES							OUTDOOR TIES		
Dimensions LxH (mm)	Tightening capacity Ø (mm)	STANDARD TYPE	FOR HEAVY-DUTY USE	RE-OPENABLE	WITH EYELET	WITH PLATE	Dimensions LxH (mm)	Tightening capacity Ø (mm)	TIES L.T.R.
2.4 x 75	1.5 - 18	GW 52 231	GW 52 251	-	-	-	6 x 115	5 - 25	GW 52 201
2.5 x 96	1.5 - 23	GW 52 232	GW 52 252	-	-	-	6 x 180	9 - 45	GW 52 202
2.5 x 100	1.5 - 25	-	-	-	GW 52 281	-	6 x 290	20 - 78	GW 52 203
2.5 x 100	5 - 25	-	-	-	-	GW 52 291	9 x 180	10 - 40	GW 52 204
2.5 x 110	1.5 - 25	-	-	-	-	GW 52 292	9 x 265	26 - 60	GW 52 205
2.5 x 140	1.5 - 35	GW 52 233	GW 52 253	-	-	-	9 x 360	26 - 93	GW 52 206
2.5 x 200	10 - 50	-	-	-	-	GW 52 293	9 x 510	70 - 140	GW 52 207
2.5 x 203	1.5 - 55	GW 52 234	GW 52 254	-	-	-	9 x 760	70 - 220	GW 52 208
3.6 x 150	2.5 - 39	GW 52 235	GW 52 255	-	-	-			
3.6 x 203	2.5 - 55	GW 52 236	GW 52 256	-	-	-			
3.6 x 292	2.5 - 85	GW 52 237	GW 52 257	-	-	-			
4.2 x 205	2.5 - 60	-	-	-	GW 52 282	-			
4.6 x 200	10 - 50	-	-	-	-	GW 52 294			
4.8 x 190	3 - 52	GW 52 238	GW 52 258	-	-	-			
4.8 x 280	3 - 81	GW 52 239	GW 52 259	-	-	-			
4.8 x 368	3 - 182	GW 52 240	GW 52 260	-	-	-			
7.6 x 100	4 - 35	-	-	GW 52 271	-	-			
7.6 x 200	4 - 50	-	-	GW 52 272	-	-			
7.6 x 300	4 - 80	-	-	GW 52 273	-	-			
7.6 x 380	4 - 110	GW 52 241	GW 52 261	-	-	-			
9.0 x 610	5 - 185	GW 52 242	GW 52 262	-	-	-			
9.0 x 914	5 - 270	GW 52 243	GW 52 263	-	-	-			

## Cable glands and couplings

A complete range of cable glands and couplings for conduits and boxes. Cable glands with metric and PG pitch (IP68) and PG pitch thread (IP66). Special accessories are also available, such as cable glands with rigid conduit housing, conduit-box couplings with IP66 and IP44 degrees of protection, and multi-diameter cable glands.

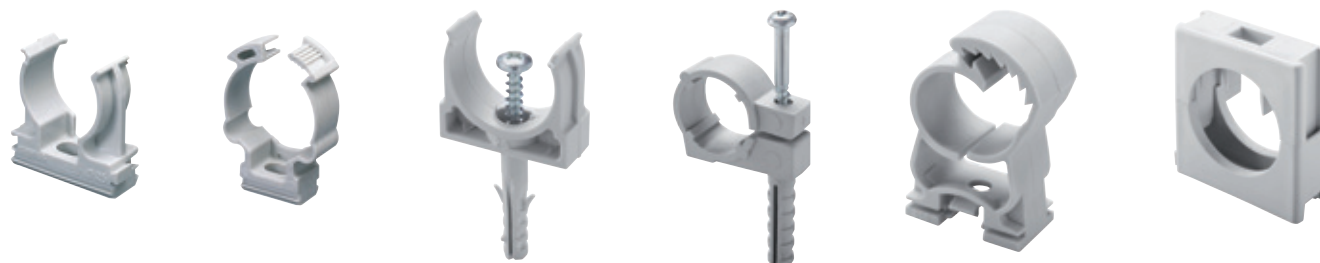
There is also a full selection of metal cable glands (version IP65 and IP68, complete with an o-ring gasket on the box side), closure caps and extensions IP65, and fixing nuts. All the items are made of nickel-plated brass, and are fully compatible with the connectors and metal boxes of the GW Connect range.



## Fixing accessories for conduits and cables

The GEWISS system of plastic and metal fixing devices is now extended with a series of products conceived to meet every possible installation requirement and provide the ideal solution in every type of system. Designed to simplify and speed up the conduit and cable laying phases, the Gewiss range responds to the increasingly specific and specialist needs of modern systems.

Quick, safe installation is an increasingly important factor when it comes to choosing system components. To meet the need for faster installation while still maintaining high levels of reliability and safety, GEWISS also offers a range of plastic and metal supports with incorporated wall plug for conduits and cables.



# GW FIT ACCESSORIES FOR ELECTRICAL INSTALLATIONS

PLASTIC CABLE GLANDS										METAL CABLE GLANDS					
IP68		IP66		IP66 with housing			IP54			IP68			IP65		
Thread	Code	For cables Ø (mm)	Code	For cables Ø (mm)	Code	For conduits Ø (mm)	For cables Ø (mm)	Code	For cables Ø (mm)	Code	For cables Ø (mm)	ATEX code (*)	For cables Ø (mm)	Code	For cables Ø (mm)
PG7	GW 52 071	3 ÷ 6.5	GW 52 001	3 ÷ 6				GW 52 081	4 ÷ 6			GW 76 901	3 ÷ 6.5		
PG9	GW 52 072	4 ÷ 8	GW 52 002	5 ÷ 8				GW 52 082	4.5 ÷ 7			GW 76 902	4 ÷ 8		
PG11	GW 52 073	5 ÷ 10	GW 52 003	7 ÷ 10.5				GW 52 083	6 ÷ 9	GW 76 825	4 ÷ 9	GW 76 903	5 ÷ 10	GW 76 841	7.5/10/12.5
PG13.5	GW 52 074	6 ÷ 12	GW 52 004	9 ÷ 12.5	GW 52 024	16	9 ÷ 12.5	GW 52 084	9 ÷ 12	GW 76 826	7 ÷ 11	GW 76 904	6.5 ÷ 12	GW 76 842	7.5/10/12.5
PG16	GW 52 075	10 ÷ 14	GW 52 005	13 ÷ 16	GW 52 025	20	13 ÷ 16	GW 52 085	11 ÷ 14	GW 76 827	10 ÷ 13	GW 76 905	7 ÷ 12	GW 76 843	7.5/10/12.5
PG21	GW 52 076	13 ÷ 18	GW 52 006	9 ÷ 10 17 ÷ 20	GW 52 026	25	9 ÷ 10 17 ÷ 20	GW 52 086	14 ÷ 18	GW 76 828	12 ÷ 17	GW 76 906	13 ÷ 18	GW 76 844	10/13/16/19
PG29	GW 52 077	18 ÷ 25	GW 52 007	13.5 ÷ 15 21 ÷ 26	GW 52 027	32	13.5 ÷ 15 21 ÷ 26	GW 52 087	18 ÷ 25	GW 76 829	17 ÷ 24	GW 76 907	18 ÷ 25	GW 76 845	18/21/24/27
PG36	GW 52 078	22 ÷ 32	GW 52 008	17 ÷ 20 30 ÷ 34	GW 52 028	40	17 ÷ 20 30 ÷ 34	GW 52 088	26 ÷ 32	GW 76 830	20 ÷ 26 27 ÷ 24	GW 76 908	22 ÷ 32	GW 76 846	24/27/30/33
PG42	GW 52 079	30 ÷ 38	GW 52 009	36 ÷ 39 40 ÷ 43	GW 52 029	50	36 ÷ 39 40 ÷ 43			GW 76 897	32 ÷ 36	GW 76 909	32 ÷ 38	GW 76 847	30/33/36/39
PG48	GW 52 080	34 ÷ 44	GW 52 010	38 ÷ 40 46 ÷ 50								GW 76 910	37 ÷ 44		
M12	GW 52 042	3 ÷ 6.5								GW 76 894	3 ÷ 6.5	GW 76 921	3 ÷ 6.5		
M16	GW 52 043	5 ÷ 10								GW 76 896	4 ÷ 9	GW 76 922	6 ÷ 10		
M20	GW 52 044	10 ÷ 14								GW 76 831	10 ÷ 13	GW 76 923	10 ÷ 14	GW 76 848	4/7/10/13
M25	GW 52 045	13 ÷ 18								GW 76 832	12 ÷ 17	GW 76 924	14 ÷ 18	GW 76 849	8.5/11.5/14.5/17.5
M32	GW 52 046	18 ÷ 25								GW 76 833	14 ÷ 21	GW 76 925	20 ÷ 25	GW 76 850	16/19/22/25
M40	GW 52 047	22 ÷ 32								GW 76 834	19 ÷ 27	GW 76 926	22 ÷ 32	GW 76 851	23/26/29/32
M50	GW 52 048	30 ÷ 38								GW 76 835	25 ÷ 34	GW 76 927	32 ÷ 38	GW 76 852	30/33/36/39
M63	GW 52 049	35 ÷ 44								GW 76 895	34 ÷ 48	GW 76 928	37 ÷ 44		

PLASTIC ACCESSORIES				METAL ACCESSORIES						GASKETS	
Caps		Nuts		Caps		Nuts		Extensions		O-ring for caps	
Thread	Code	Code	Spanner (mm)	Code	Standard code	ATEX code (*)	Spanner (mm)	Code	Male thread	Female thread	Code
PG7	GW 52 361	GW 52 341	19			GW 76 941					GW 52 441
PG9	GW 52 362	GW 52 342	22			GW 76 942					GW 52 442
PG11	GW 52 363	GW 52 343	24	GW 76 980	GW 76 957	GW 76 957	21	GW 76 865	PG11	PG13.5	GW 52 443
PG13.5	GW 52 364	GW 52 344	27	GW 76 981	GW 76 958	GW 76 958	23	GW 76 866	PG13.5	PG16	GW 52 444
PG16	GW 52 365	GW 52 345	30	GW 76 982	GW 76 959	GW 76 959	26	GW 76 867	PG16	PG21	GW 52 445
PG21	GW 52 366	GW 52 346	36	GW 76 983	GW 76 960	GW 76 960	32	GW 76 868	PG21	PG29	GW 52 446
PG29	GW 52 367	GW 52 347	46	GW 76 984	GW 76 961	GW 76 961	41	GW 76 869	PG29	PG36	GW 52 447
PG36	GW 52 368	GW 52 348	60	GW 76 985	GW 76 962	GW 76 962	51				GW 52 448
PG42	GW 52 369	GW 52 349	65	GW 76 986	GW 76 963	GW 76 963	60				GW 52 449
PG48	GW 52 370	GW 52 350	70			GW 76 943					GW 52 450
M12	GW 52 372	GW 52 352	18	GW 76 972	GW 76 966	GW 76 949	15				GW 52 452
M16	GW 52 373	GW 52 353	22	GW 76 973	GW 76 951	GW 76 951	19				GW 52 453
M20	GW 52 374	GW 52 354	26	GW 76 975	GW 76 952	GW 76 952	23	GW 76 870	M20	M25	GW 52 454
M25	GW 52 375	GW 52 355	32	GW 76 976	GW 76 953	GW 76 953	29	GW 76 871	M25	M32	GW 52 455
M32	GW 52 376	GW 52 356	41	GW 76 977	GW 76 954	GW 76 954	36	GW 76 872	M32	M40	GW 52 456
M40	GW 52 377	GW 52 357	50	GW 76 978	GW 76 955	GW 76 955	45	GW 76 873	M40	M50	GW 52 457
M50	GW 52 378	GW 52 358	60	GW 76 979	GW 76 956	GW 76 956	55				GW 52 458
M63	GW 52 379	GW 52 359	75	GW 76 974	GW 76 967	GW 76 950	70				GW 52 459

(\*) NOTE: the ATEX products are only available in the following countries: Austria, France, Germany, Italy, Liechtenstein, Luxemburg, the Principality of Monaco, the United Kingdom and Spain. For all other countries, contact GEWISS Technical service assistance.

**COUPLINGS FOR CONDUITS AND CABLES**

For conduits/cables (mm)	Conduit-box couplings				Conduit-box couplings in flexible polymer IP44		Cable glands in flexible polymer IP55	
	Code	Assembly hole (mm)	IP with rigid conduits	IP with corrugated conduits	Code	Assembly hole (mm)	Code	Assembly hole (mm)
16	GW 50 415	20	IP66	IP54	GW 50 421	23	GW 50 428	19
20	GW 50 416	23	IP66	IP54	GW 50 422	23	GW 50 429	23
					GW 50 423	29		
25	GW 50 417	29	IP66	IP54	GW 50 424	29	GW 50 430	29
32	GW 50 418	37	IP66	IP54	GW 50 425	37	GW 50 431	37
40	GW 50 419	48	IP66	IP44	GW 50 426	37	GW 50 432	48
50	GW 50 420	54	IP66	IP44	GW 50 427	42		

**PLASTIC FIXING DEVICES**




Conduit Ø (mm)	Clip-on supports	Collar supports	Rail for clip-on and collar supports	Collar supports with automatic clip fixing	Rail for collar supports with automatic clip fixing	Supports with multi-diameter clamp
16	GW 50 601	GW 50 605	GW 50 609	GW 50 641	GW 50 645	GW 50 651
20	GW 50 602	GW 50 606	GW 50 609	GW 50 642	GW 50 645	GW 50 651
25	GW 50 603	GW 50 607	GW 50 609	GW 50 642	GW 50 645	GW 50 652
				GW 50 643		
32	GW 50 604	GW 50 608	GW 50 609	GW 50 643	GW 50 645	GW 50 652
40	GW 50 628	GW 50 630	GW 50 609	GW 50 644	GW 50 645	GW 50 653
50	GW 50 629	GW 50 631	GW 50 609			GW 50 653





**PLASTIC FIXING DEVICES**

Conduit Ø (mm)	Re-openable fixing collars	Non re-openable fixing collars		Wall plugs		Single staple without nail	Double staple without nail
				Wall plug Ø 6mm	Wall plug Ø 8mm		
16	DX 51 120	DX 51 232		DX 51 306	DX 51 308	GW 50 671	GW 50 681
20	DX 51 120	DX 51 232		DX 51 306	DX 51 308	GW 50 672	GW 50 682
25		DX 51 232	DX 51 263	DX 51 306	DX 51 308	GW 50 673	GW 50 683
32		DX 51 232	DX 51 263	DX 51 306	DX 51 308		
40			DX 51 263	DX 51 306	DX 51 308		
60			DX 51 263	DX 51 306	DX 51 308		
63			DX 51 263	DX 51 306	DX 51 308		



**PLASTIC FIXING DEVICES WITH INCORPORATED WALL PLUG**





Conduit Ø (mm)	Clip-on support with incorporated wall plug	Collar support with incorporated wall plug (high performance)	Double collar support with incorporated wall plug (high performance)		Single staple with incorporated wall plug		Double staple with incorporated wall plug			
	Code	Wall plug Ø (mm)	Code	Wall plug Ø (mm)	Code	Wall plug Ø (mm)	Code	Wall plug Ø (mm)		
16	GW 50 706	6	GW 50 716	6	GW 50 726	8	GW 50 776	8	GW 50 786	8
20	GW 50 707	6	GW 50 717	8	GW 50 727	10	GW 50 777	8	GW 50 787	8
25	GW 50 708	6	GW 50 718	10	GW 50 728	10	GW 50 778	8	GW 50 788	8
32	GW 50 709	8								

METAL FIXING DEVICES					
Cable/conduit Ø (mm)	Galvanized steel collars with 2 screws	Galvanized steel collars with 2 screws and incorporated wall plug		Galvanized steel staples with a single hole	Galvanized steel staples with a double hole
			Code	Wall plug Ø (mm)	
10-11	GW 50 801			GW 50 811	GW 50 821
12-13	GW 50 802			GW 50 812	GW 50 822
14-15	GW 50 803			GW 50 813	GW 50 823
16-17	GW 50 804	GW 50 841	6	GW 50 814	GW 50 824
19-20	GW 50 805	GW 50 842	6	GW 50 815	GW 50 825
21-22	GW 50 806			GW 50 816	GW 50 826
25-26	GW 50 807	GW 50 843	8	GW 50 817	GW 50 827
31-32	GW 50 808	GW 50 844	8	GW 50 818	GW 50 828
38-40	GW 50 809	GW 50 845	8	GW 50 819	GW 50 829
48-50	GW 50 810	GW 50 846	8	GW 50 820	GW 50 830

FIXING SUPPORTS AND ACCESSORIES FOR CABLES					
Cable Ø (mm)	Staples with nail	width of flat cables (mm)	Staples with nail for flat cables	Single fixing clamp for cables	Double fixing clamp for cables
					
3-4	GW 50 610				
5-6	GW 50 611	5-6	GW 50 623	GW 50 691 for the installation of 8 lines (3x1.5)	GW 50 692 for the installation of 2x8 lines (3x1.5)
	GW 50 621*				
7-8	GW 50 612	7-8	GW 50 624		
	GW 50 622*				
9-10	GW 50 613	10-11	GW 50 625		
11-12	GW 50 614				
13-14	GW 50 615				
15-16	GW 50 616				
19-20	GW 50 617				
21-22	GW 50 618				
25-26	GW 50 619				
31-32	GW 50 620				

\* Colour: white

FIXING SUPPORTS AND ACCESSORIES FOR CONDUITS/CABLES				
Cable/conduit Ø (mm)	Tie support with incorporated wall plug	Tie support with incorporated wall plug		
			Code	Wall plug Ø (mm)
3÷13	GW 50 666	6		
8÷26			GW 50 667	6

FIXING STRAPS			
Galvanized steel fixing strap - 10m	Fabric fixing strap - 10m	Firing pin for manual nailing	Steel nail, 18mm long
			
GW 50 791	GW 50 792	GW 50 798	GW 50 799

# Practicality, simplicity and safety

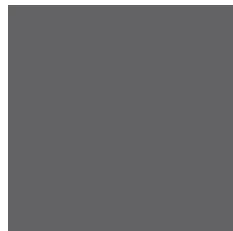
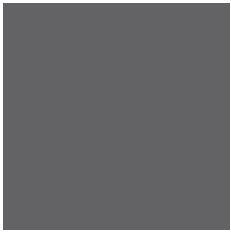
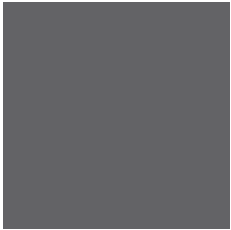
			COMPATIBILITY BETWEEN TERMINAL BLOCKS AND JUNCTION BOXES											
			44 MM range - Multi-pole terminal blocks					44 ME range - Single-pole equipotential terminal blocks						
			Press-on fixing	Screw-on fixing with feedthrough terminals			With indirect plate-tightening	With indirect screw-tightening						
Type	Range	Dimensions (mm)	GW 44 606 3x4mm <sup>2</sup> GW 44 607 4x4mm <sup>2</sup> GW 44 608 5x4mm <sup>2</sup>	GW 44 609 3x6mm <sup>2</sup> GW 44 610 5x6mm <sup>2</sup>	GW 44 611 3x16mm <sup>2</sup> GW 44 612 5x16mm <sup>2</sup>	GW 44 613 3x35mm <sup>2</sup> GW 44 614 5x35mm <sup>2</sup>	GW 44 704 4-way x 6mm <sup>2</sup> GW 44 706 6-way x 6mm <sup>2</sup>	GW 44 708 8-way x 6mm <sup>2</sup>	GW 44 671 3-way x 6mm <sup>2</sup>	GW 44 672 5-way x 6mm <sup>2</sup>	GW 44 673 4-way x 16mm <sup>2</sup> GW 44 674 (2x16)+(3x6) mm <sup>2</sup>	GW 44 675 (2x16)+(9x6) mm <sup>2</sup>	GW 44 676 (2x35)+(4x16) mm <sup>2</sup>	
44 CE RANGE: SURFACE-MOUNTING JUNCTION BOXES	IP44 	Ø65	•				•		•					
		Ø80	•	•			•	•	•	•				
		80 x 80	•	•			•	•	•	•	•			
	IP55 - IP56 	100 x 100	•	•	•		•	•	•	•	•	•		
		120 x 80	•	•	•		•	•	•	•	•	•		
		150 x 110		•	•	•	•	•	•	•	•	•	•	•
		190 x 140		•	•	•	•	•	•	•	•	•	•	•
		240 x 190		•	•	•	•	•	•	•	•	•	•	•
		300 x 220		•	•	•	•	•	•	•	•	•	•	•
		380 x 300		•	•	•	•	•	•	•	•	•	•	•
	460 x 380		•	•	•	•	•	•	•	•	•	•	•	
	48 PT/PT DIN 	92 x 92		•	•			•	•	•	•			
		118 x 96		•	•			•	•	•	•			
		152 x 98		•	•			•	•	•	•			
160 x 130			•	•			•	•	•	•				
196 x 152			•	•			•	•	•	•				
294 x 152			•	•			•	•	•	•				
392 x 152			•	•			•	•	•	•				
480 x 160			•	•			•	•	•	•				
516 x 202			•	•			•	•	•	•		•		
(with GW 44 682 adapter) 516 x 294			•	•			•	•	•	•		•		
48 CM 	260 x 260		•	•			•	•	•	•				
	(with GW 44 682 adapter) 520 x 260		•	•			•	•	•	•				
PTC 	138 x 169		•	•			•	•	•	•		•	•	
	308 x 169		•	•			•	•	•	•		•	•	
	398 x 169		•	•			•	•	•	•		•	•	
48 PTC 	138 x 169						•	•	•	•		•	•	
	308 x 169						•	•	•	•		•	•	
	(with GW 44 683 rail) 398 x 169						•	•	•	•		•	•	

• = Suitable

Note: the 44 ME range terminal blocks with indirect screw-tightening are mounted on plates, or on the bottom of the boxes, using the suitable GW 44 682 adapter. For 48 PTC range boxes on the other hand, use code GW 44 683. The 44 ME range terminal blocks with indirect plate-tightening are mounted on the DIN rail of the 48 PT DIN boxes, using the suitable GW 44 720 support.

In yellow: same compatibility also for PT DIN GREEN WALL and CM GREEN WALL versions.

Connection capacity	44 MS - TRAILING AND MODULAR TERMINAL BLOCKS			
	Trailing terminal blocks with modular bars Transparent - IP20		12-pole modular terminal blocks with brass terminals - Black	
2.5mm <sup>2</sup>		SCREW TYPE: SLOTTED		
4mm <sup>2</sup>		GW 44 661		
6mm <sup>2</sup>		GW 44 665		
10mm <sup>2</sup>		GW 44 662		
16mm <sup>2</sup>		GW 44 663		
		GW 44 664		
	SCREW TYPE: HEXAGONAL			
25mm <sup>2</sup>	GW 44 666		GW 44 601	
35mm <sup>2</sup>	GW 44 667		GW 44 602	
			GW 44 603	
			GW 44 604	
			GW 44 605	



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