

Ex-plugs and receptacles 32 A 4/5-pole up to 690 V



Wall socket



Flange socket



Coupler



Plug

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Technical data

Ex-plugs and receptacles acc. to IEC 60309-1/2		
Marking accd. to 2014/34/EU	Wall socket, plug, coupler: Flange socket:	II 2G / Ex db eb IIC / IIB T5 Gb II 2 D Ex tb IIIC T80°C Db II 2G Ex db eb IIC / IIB Gb II 2 D Ex tb IIIC Db
EC-Type Examination Certificate	Wall socket, plug, coupler: Flange socket:	BVS 21 ATEX E 001 X BVS 20 ATEX E 090 U
IECEX Certificate of Conformity	Wall socket, plug, coupler: Flange socket:	IECEX BVS 21.0002X IECEX BVS 20.0072 U
Marking accd. to IECEX	Ex db eb IIC/IIB T5 Gb Ex tb IIIC T80°C Db	
EAC (TR)	1EX d e [ia] IIC/IIB T6 Gb X Ex tb IIIC T80°C Db X	
Permissible ambient temperature	Wall socket, plug: Wall socket, plug: Coupler: Flange socket: Flange socket:	IIB -55°C up to +55°C IIC -45°C up to +55°C IIC -25°C up to +55°C IIB -55°C up to +80°C IIC -45°C up to +80°C
Rated voltage	up to 690 V (AC)	
Rated current	32 A	
Frequency	up to 400 Hz	
Rated making / Rated breaking capacity AC-3 accd. EN 60947-3	U _e 690 V / I _e 32 A	
External back up fuse	without thermal protection: 35 A with thermal protection: 50 A gG (rated current 32 A set to)	
Protection class	I	
Degree of protection accd. to EN 60529	IP66	
Enclosure colour	black	
Wall socket		
Cable entry/enclosure drilling	1 x M40 cable gland, 1 x M40 plastic Ex-screw plug or 2 x M32 metal thread with 2 plastic Ex-screw plug	
Connecting terminals	2 x 4 - 10 mm²	
Enclosure material	glass-fibre reinforced polyester	
Plug		
Cable entry	Ø 12 - 28 mm	
Connecting terminals	2.5 - 6 mm²	
Enclosure material	Polyamide	
Coupler		
Cable entry	Ø 12 - 28 mm	
Connecting terminals	2 x 4 - 10 mm²	
Enclosure material	Polyamide	
Flange socket		
Connecting terminals	2 x 4 - 10 mm²	
Enclosure material	Polyamide	

Details for used cable glands see pages 2.3.ff



Ordering details

Voltage	h	Type	Aux. contact	Cable entry	Weight approx.	Order No.
Type 32 A 4-pole						
200-250 V		Wall socket	–	KU	2.3 kg	GHG 512 4409 R0001
		Wall socket	–	ME	2.4 kg	GHG 512 4409 R3001
		Wall socket	–	GM	2.3 kg	GHG 512 4409 R3003
		Flange socket			1.0 kg	GHG 512 8409 R0001
		Coupler			1.55 kg	GHG 512 3409 R0001
		Plug			0.55 kg	GHG 512 7409 R0001
380-415 V		Wall socket	–	KU	2.3 kg	GHG 512 4406 R0001
		Wall socket	–	ME	2.4 kg	GHG 512 4406 R3001
		Wall socket	yes	KH	2.3 kg	GHG 512 4406 R0501
		Wall socket	–	GM	2.4 kg	GHG 512 4406 R3003
		Flange socket			1.0 kg	GHG 512 8406 R0001
		Coupler			1.55 kg	GHG 512 3406 R0001
480-500 V		Wall socket	–	KU	2.3 kg	GHG 512 4407 R0001
		Wall socket	–	ME	2.4 kg	GHG 512 4407 R3001
		Wall socket	yes	KH	2.3 kg	GHG 512 4407 R0501
		Flange socket			1.0 kg	GHG 512 8407 R0001
		Coupler			1.55 kg	GHG 512 3407 R0001
		Plug			0.55 kg	GHG 512 7407 R0001
600-690 V		Wall socket	–	KU	1.8 kg	GHG 512 4405 R0001
		Wall socket	–	ME	2.4 kg	GHG 512 4405 R3001
		Wall socket	yes	KH	2.3 kg	GHG 512 4405 R0501
		Flange socket			1.0 kg	GHG 512 8405 R0001
		Coupler			1.55 kg	GHG 512 3405 R0001
		Plug			0.55kg	GHG 512 7405 R0001
Type 32 A 5-pole						
200-250 V 380-415 V		Wall socket	–	KU	2.3 kg	GHG 512 4506 R0001
		Wall socket	–	ME	2.4 kg	GHG 512 4506 R3001
		Wall socket	yes	KH	2.3 kg	GHG 512 4506 R0501
		Wall socket	–	GM	2.4 kg	GHG 512 4506 R3003
		Flange socket			1.0 kg	GHG 512 8506 R0001
		Coupler			1.6 kg	GHG 512 3506 R0001
		Plug			0.6 kg	GHG 512 7506 R0001

Other voltage ranges and versions available on request
KU = 1 x plastic cable glands M40, 1 x M40 plastic Ex-screw plug
KH = 1 x plastic cable glands M40, 1 x plastic cable glands M25, with aux. contact
ME = 2 x metal thread M32 with plastic Ex-screw plug
GM = 2 x metal thread M32 with screw plug, with external earth bolt M6

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Wall socket



Flange socket



Coupler

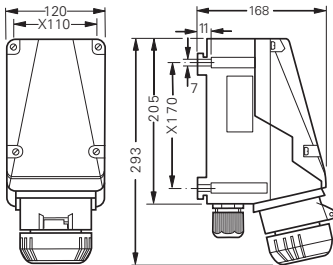


Plug

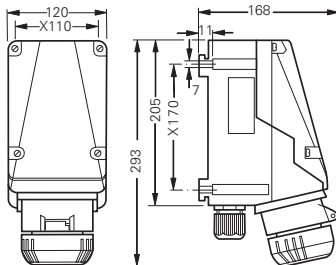
1

Dimension drawing I Wiring diagram

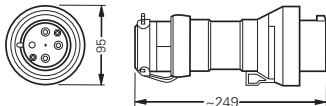
Dimensions in mm



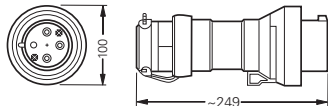
Wall socket 4-pole



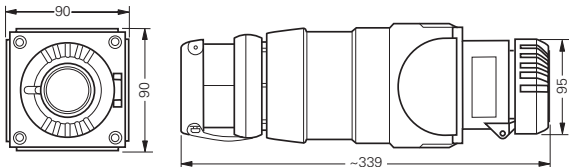
Wall socket 5-pole



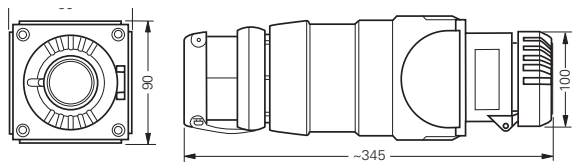
Plug 4-pole



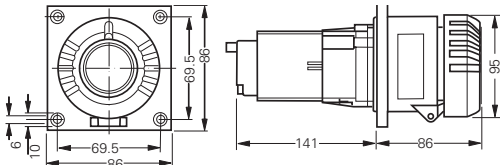
Plug 5-pole



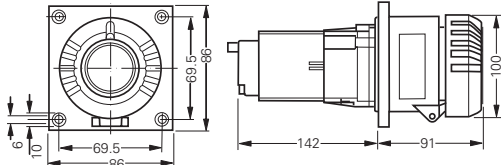
Coupler 4-pole



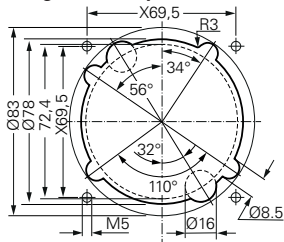
Coupler 5-pole



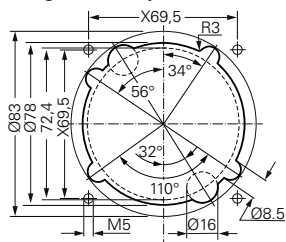
Flange socket 4-pole



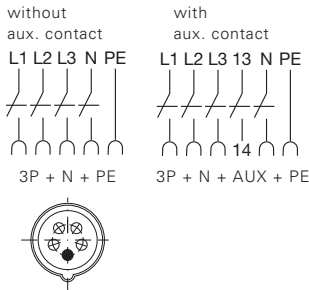
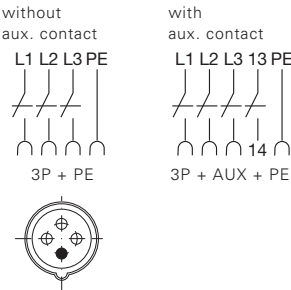
Flange socket 5-pole



Assembly dimensions flange socket



Assembly dimensions flange socket X = fixing dimensions





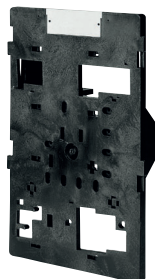
Angle adapter



Protective canopy



Plug cap



GHG 610 1901 R0128

Accessories

Type	Application	Fixing method	Order No.
Mounting plates for wall sockets 32 A			
Size 5	for wall mounting	snap on	GHG 610 1953 R0128
Size 5	for trellis mounting	snap on	GHG 610 1953 R0128
Size 5	for pipe clamp	snap on	GHG 610 1953 R0132

Type	Order No.
Plug cap for plugs 32 A	
Plug 32 A 4-pole	GHG 510 1901 R0004
Plug 32 A 5-pole	GHG 510 1901 R0005

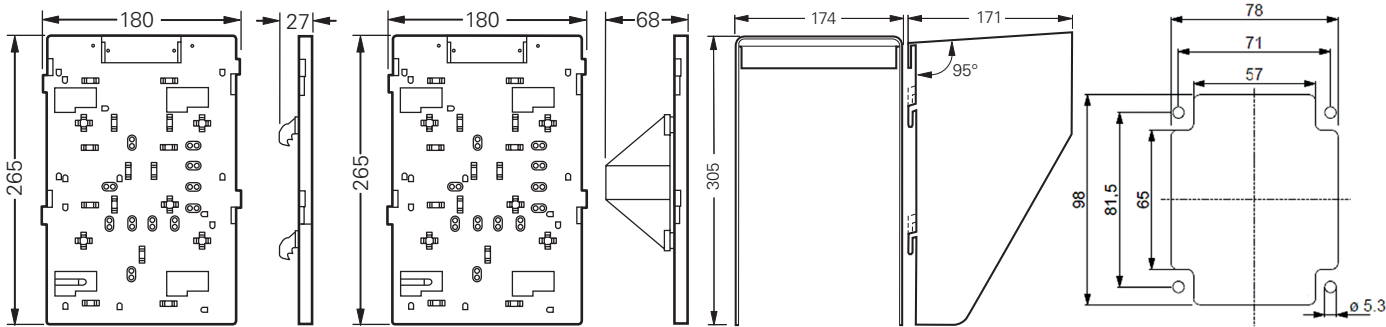
Type	OU	Order No.
Accessories for mounting plates		
Mounting set for pipes 1" (Ø 27 - 30 mm) for mounting plates with pipe fixing	10	GHG 610 1953 R0020
Please pay attention that only order units (OU) according to the ordering details can be delivered.		

Type	Application	Order No.
Protective canopy for mounting plate		
Size 5	for mounting plate size 5, snap on	GHG 610 1955 R0108

Type	Application	Fixing method	Order No..
Angle adapter for Wall socket 32 A			
32 A 4/5-pol	Panel mounting	screw	GHG 510 1921 R0002

Dimension drawing

Dimensions in mm



Mounting plate size 5
for wall/trellis mounting

Mounting plate size 5
for pipe mounting

Protective canopy size 5

Angle adapter 16/32 A 4/5-pol.