

Ex-plugs and receptacles 16 A 3/4/5-pole up to 690 V

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Wall socket



Flange socket



Coupler



Plug

Technical data

Ex-plugs and receptacles acc. to IEC 60309-1/2 16A	
Marking accd. to 2014/34/EU	Wall socket, plug, coupler: II 2G / Ex db eb [ia] IIC / IIB+H2 T6 II 2 D Ex IIIC / IIIB T80 Db Flange socket: II 2G Ex db eb IIC / IIB+H2 Gb II 2 D Ex tb IIIC Db
EC-Type Examination Certificate	Wall socket, plug, coupler: BVS 17 ATEX E 053 X Flange socket: BVS 15 ATEX E 101 U
IECEx Certificate of Conformity	Wall socket, plug, coupler: IECEx BVS 17.0045X Flange socket: IECEx BVS 15.0088U
EAC (TR)	1EX D E [IA] IIC/IIB T6 GB X EXTB IIIC T80°C DB X
Permissible ambient temperature	-55 °C to + 55 °C
Rated voltage	up to 415 V, (3-pole) / 690 V, (4-pole) / 690 V, (5-pole) AC
Rated current	16 A
Frequency	up to 400 Hz
Rated making / Rated breaking capacity AC-3 accd. EN 60947-3	Ue 250 V / Ie 16 A (3-pole) Ue 690 V / Ie 16 A (4-pole) Ue 500 V / Ie 16 A (5-pole)
External back-up fuse, max.	without therm. protection: 16 A with therm. protection: 35 A gG (rated current 16 A set to)
Protection class	I
Degree of protection accd. to EN 60529	IP66
Enclosure colour	black
Wall socket	
Cable entry	1 x M25 cable gland, 1 x M25 plastic Ex-screw plug or 2 x metal thread M20 with plastic Ex-screw plug
Connecting terminals	2 x 1.5 – 4.0 mm ²
Enclosure material	Glass-fibre reinforced polyester
Plug	
Cable entry	Ø 8 – 18 mm (3-pole) / Ø 8 – 21 mm (4-pole) / 12 – 21 mm (5-pole)
Connecting terminals	1 x 1.0 – 4.0 mm ²
Enclosure material	Polyamide
Coupler	
Cable entry	Ø 8 – 19 mm (3-pole) / Ø 8 – 21 mm (4-pole) / 12 – 21 mm (5-pole)
Connecting terminals	1 x 1.5 – 4.0 mm ²
Enclosure material	Polyamide
Flange socket	
Connecting terminals	2 x 1.5 – 4.0 mm ²
Enclosure material	Polyamide
Plug install protected against higher mechanical risk 4J under -40°C.	
Details for used cable glands see pages 2.3.ff	

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Ordering details

Voltage	h	Type	Aux. contact	Cable entry	Weight	Extended temp IIB+H2-55 °C up to +45 °C (16 A) IIC-20 °C up to +55 °C (10 A)	Standard temp IIC-20 °C up to +55 °C (16 A)	Order No.
Type 16A 3pol								
110-130V	 4 h	Wall socket	-	KU	1.2 kg		X	GHG5114304R0001
		Wall socket	-	GE	1.2 kg		X	GHG5114304R0002
		Wall socket	-	GE	1.2 kg	X		GHG5114304R0102
		Wall socket	-	ME	1.3 kg		X	GHG5114304R3001
		Wall socket	-	ME	1.3 kg	X		GHG5114304R3101
		Wall socket	-	GM	1.3 kg		X	GHG5114304R3003
		Wall socket	-	GM	1.3 kg	X		GHG5114304R3103
		Flange socket	-		0.4 kg		X	GHG5118304R0001
		Flange socket	-		0.4 kg	X		GHG5118304R0101
		Coupler	-		0.7 kg		X	GHG5113304R0001
		Plug			0.35 kg	X	X	GHG5117304R0001
Type 16A 3pol								
200-250 V	 6 h	Wall socket	-	KU	1.2 kg		X	GHG5114306R0001
		Wall socket	-	GE	1.2 kg		X	GHG5114306R0002
		Wall socket	-	GE	1.2 kg	X		GHG5114306R0102
		Wall socket	-	ME	1.3 kg		X	GHG5114306R3001
		Wall socket	-	ME	1.3 kg	X		GHG5114306R3101
		Wall socket	-	GM	1.3 kg		X	GHG5114306R3003
		Wall socket	-	GM	1.3 kg	X		GHG5114306R3103
		Flange socket	-		0.4 kg		X	GHG5118306R0001
		Flange socket	-		0.4 kg	X		GHG5118306R0101
		Coupler	-		0.7 kg		X	GHG5113306R0001
		Plug			0.35 kg	X	X	GHG5117306R0001
Type 16 A 4-pole								
200-250 V	 9 h	Wall socket	-	KU	1.2 kg		X	GHG5114409R0001
		Wall socket	-	ME	1.3 kg		X	GHG5114409R3001
		Wall socket	-	ME	1.3 kg	X		GHG5114409R3101
		Wall socket	-	GM	1.3 kg		X	GHG5114409R3003
		Wall socket	-	GM	1.3 kg	X		GHG5114409R3103
		Flange socket	-		1.0 kg		X	GHG5118409R0001
		Flange socket	-		1.0 kg	X		GHG5118409R0101
		Coupler	-		1.7 kg		X	GHG5113409R0001
		Plug			0.35 kg	X	X	GHG5117409R0001
380-415V	 6 h	Wall socket	-	KU	1.2 kg		X	GHG5114406R0001
		Wall socket	-	ME	1.3 kg		X	GHG5114406R3001
		Wall socket	-	ME	1.3 kg	X		GHG5114406R3101
		Wall socket	-	GM	1.3 kg		X	GHG5114406R3003
		Wall socket	-	GM	1.3 kg	X		GHG5114406R3103
		Flange socket	-		1.0 kg		X	GHG5118406R0001
		Flange socket	-		1.0 kg	X		GHG5118406R0101
		Coupler	-		1.7 kg		X	GHG5113406R0001
		Plug			0.35 kg	X	X	GHG5117406R0001

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Ordering details

Voltage	h	Type	Aux. contact	Cable entry	Weight	Extended temp IIB+H2 -55 °C up to +45 °C (16 A) IIC -20 °C up to +55 °C (10 A)	Standard temp IIC -20 °C up to +55 °C (16 A)	Order No.
Type 16A 4pol								
480-500V		Wall socket	-	KU	1.2 kg		X	GHG5114407R0001
		Wall socket	-	ME	1.3 kg		X	GHG5114407R3001
		Wall socket	-	ME	1.3 kg	X		GHG5114407R3101
		Flange socket	-		1.0 kg		X	GHG5118407R0001
		Flange socket	-		1.0 kg	X		GHG5118407R0101
		Coupler	-		1.7 kg		X	GHG5113407R0001
		Plug			0.35 kg	X	X	GHG5117407R0001
600-690V		Wall socket	-	KU	1.4 kg		X	GHG5114405R0001
		Wall socket	-	ME	1.5 kg		X	GHG5114405R3001
		Wall socket	-	ME	1.5 kg	X		GHG5114405R3101
		Flange socket	-		1.0 kg		X	GHG5118405R0001
		Flange socket	-		1.0 kg	X		GHG5118405R0101
		Coupler	-		1.7 kg		X	GHG5113405R0001
		Plug			0.35 kg	X	X	GHG5117405R0001
Type 16A 5pol								
200-250V 380-415V		Wall socket	-	KU	1.2 kg		X	GHG5114506R0001
		Wall socket	-	ME	1.3 kg		X	GHG5114506R3001
		Wall socket	-	ME	1.3 kg	X		GHG5114506R3101
		Wall socket	-	GM	1.3 kg		X	GHG5114506R3003
		Wall socket	-	GM	1.3 kg	X		GHG5114506R3103
		Flange socket	-		1.0 kg		X	GHG5118506R0001
		Flange socket	-		1.0 kg	X		GHG5118506R0101
		Coupler	-		1.7 kg		X	GHG5113506R0001
		Plug			0.35 kg	X	X	GHG5117506R0001

Other voltage ranges and versions available on request

KU = 1 x plastic cable glands M25, 1 x M25 plastic Ex-screw plug

ME = 2 x metal thread M20

GM = 2 x metal thread M20 with screw plug, with external earth bolt M6

GE = 2x plastic thread M20 without gland/screw plug



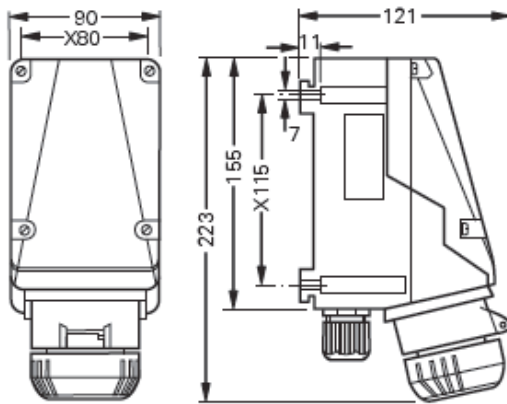
Wall socket



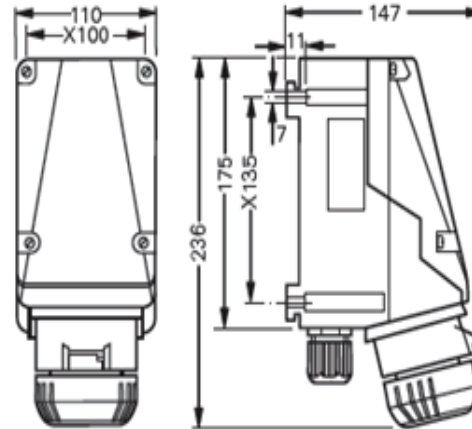
Plug

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Dimension drawing / wiring diagram

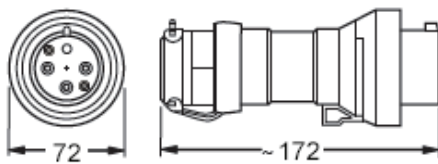


Wall socket 3-pole

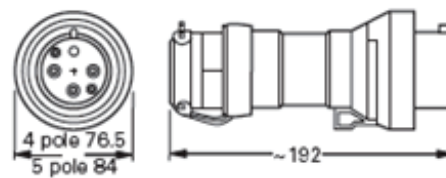


Wall socket 4/5-pole

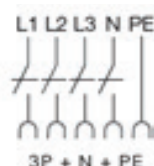
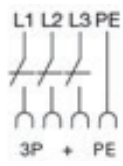
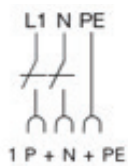
Wall socket 4/5-pole



Plug 3-pole



Plug 4/5-pole



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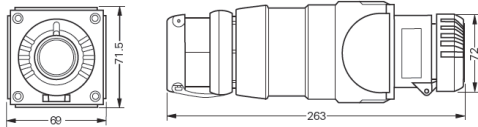


Flange socket

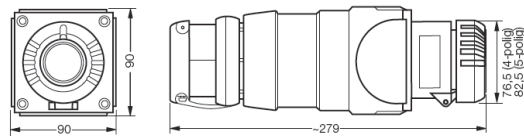


Coupler

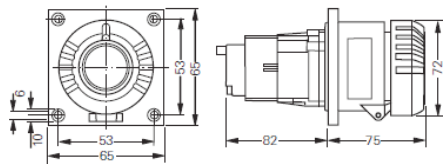
Coupler 3-pole



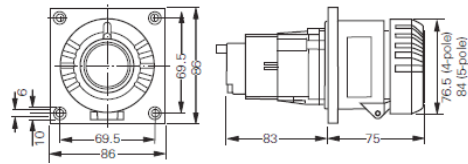
Coupler 4/5-pole



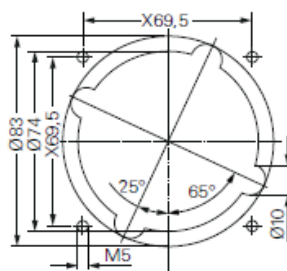
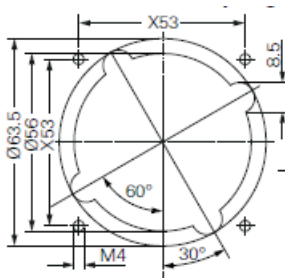
Flange socket 3-pole



Flange socket 4/5-pole



Assembly dimension



X= fixing dimensions



Angle adapter



Protective canopy



Plug cap



GHG 610 1901 R0126

Accessories

Type	Application	Fixing method	Order No.
Mounting plates for wall sockets 16 A			
Size 4	for wall mounting	snap on	GHG 610 1953 R0126
Size 4	for trellis mounting	snap on	GHG 610 1953 R0126
Size 4	for pipe clamp	snap on	GHG 610 1953 R0130

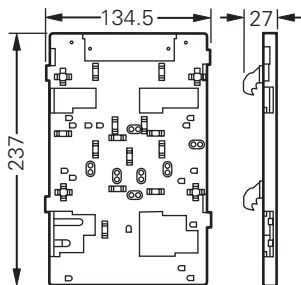
Type	Order No.
Plug cap for plugs 16 A	
Plug 16 A 3-pole	GHG 510 1901 R0001
Plug 16 A 4-pole	GHG 510 1901 R0002
Plug 16 A 5-pole	GHG 510 1901 R0003

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.		

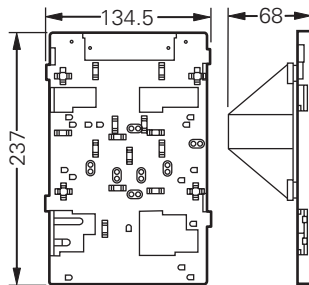
Type	Application	Order No.
Protective canopy for mounting plate		
Size 4	for mounting plate size 4, snap on	GHG 610 1955 R0107
Type	Application	Order No..

Angle adapter for Wall socket 16 A			
16 A 3-pol	Panel mounting	screw	GHG 510 1921 R0001
16/32 A 4/5-pol	Panel mounting	screw	GHG 510 1921 R0002

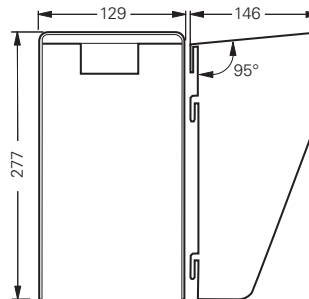
Dimension drawing



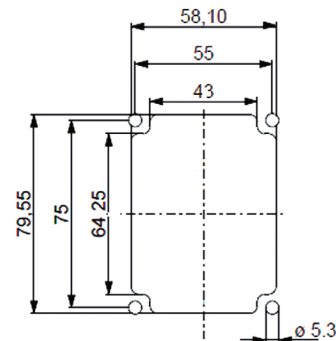
Mounting plate size 4 for wall/trellis mounting



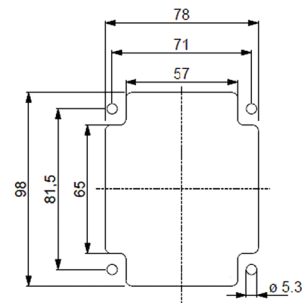
Mounting plate size 4 for pipe clamp



Protective canopy size 4



Angle adapter 16A 3-pol.



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

Dimensions in mm