

Ex-plugs and receptacles 63 A 4/5-pole up to 690 V

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Wall socket



Plug

Technical data

Ex-plugs and receptacles acc. to IEC 60309-1/2

Marking accd. to 2014/34/EU	II 2 G Ex db eb [ia Ga] IIC/IIB T5 Gb / II 2 D Ex tb IIIC T80 °C Db
EC-Type Examination Certificate	BVS 17 ATEX E 073 X
IECEX Certificate of Conformity	IECEX BVS17.0062X
Marking accd. to IECEx	Ex db eb [ia Ga] IIC/IIB T5 Gb / Ex tb IIIC T80°C Db
Permissible ambient temperature	-20 °C up to +55 °C (IIC) -40°C up to +40 °C (IIB)
Rated voltage	690 V (AC)
Rated current	63 A
Frequency	up to 400 Hz
Rated making / Rated breaking capacity AC-3 accd. EN 60947-3	U _e 690 V / I _e 63 A
External back up fuse	without therm. protection: 63 A with therm. protection: 80 A gG (rated current 63 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 M50 cable gland, 1 x M50 plastic Ex-screw plug or 2 x M40 metal thread with 2 plastic Ex-screw plug
Connecting terminals	2 x 4 - 25 mm ² / with ring cable lug ²⁾ 1 x 35 mm ²
Enclosure material	glass-fibre reinforced polyester

Plug

Cable gland	Ø 19 - 34 mm
Connecting terminals	1 x 4 - 16 mm ² , with cable lug ³⁾ 1 x 25 mm ²
Enclosure material	Polyamide

¹⁾ extended temperature range on request

²⁾ use supplied cable lugs

³⁾ see accessories

Details for used cable glands see pages 2.3.ff



Plug cap



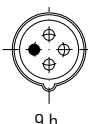
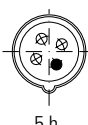
Plug



Wall socket

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Ordering details

Voltage	h	Type	Aux. contact	Cable entry	Weight approx.	Low temperatur -40 °C up to +40°C (IIB)	High temperatur -20 °C up to +55°C (IIC)	Order No.
Type 63 A 4-pole								
200-250 V		Wall socket	—	KU	8.1 kg		X	GHG 514 4409 R0001
		Wall socket	—	ME	8.2 kg		X	GHG 514 4409 R3001
		Wall socket	—	ME	8.2 kg	X		GHG 514 4409 R3101
		Plug			0.9 kg	X	X	GHG 514 7409 R0001
380-415 V		Wall socket	—	KU	8.1 kg		X	GHG 514 4406 R0001
		Wall socket	—	ME	8.2 kg		X	GHG 514 4406 R3001
		Wall socket	—	ME	8.2 kg	X		GHG 514 4406 R3101
		Wall socket	yes	KH	8.2 kg		X	GHG 514 4406 R0501
		Wall socket	—	GM	8.2 kg		X	GHG 514 4406 R3017
		Wall socket	—	GM	8.2 kg	X		GHG 514 4406 R3117
		Plug			0.9 kg	X	X	GHG 514 7406 R0001
		480-500 V		Wall socket	—	KU	8.1 kg	
Wall socket	—			ME	8.2 kg		X	GHG 514 4407 R3001
Wall socket	—			ME	8.2 kg	X		GHG 514 4407 R3101
Wall socket	yes			KH	8.2 kg		X	GHG 514 4407 R0501
Wall socket	—			GM	8.2 kg		X	GHG 514 4407 R3003
Wall socket	—			GM	8.2 kg	X		GHG 514 4407 R3103
Plug					0.9 kg	X	X	GHG 514 7407 R0001
600-690 V				Wall socket	—	KU	8.1 kg	
		Wall socket	—	ME	8.1 kg		X	GHG 514 4405 R3001
		Wall socket	—	ME	8.1 kg	X		GHG 514 4405 R3101
		Wall socket	yes	KH	8.2 kg		X	GHG 514 4405 R0501
		Wall socket	—	GM	8.2 kg		X	GHG 514 4405 R3002
		Plug			0.9 kg	X	X	GHG 514 7405 R0001
Type 63 A 5-pole								
200-250 V		Wall socket	—	KU	8.1 kg		X	GHG 514 4506 R0001
380-415 V		Wall socket	—	ME	8.1 kg		X	GHG 514 4506 R3001
		Wall socket	—	ME	8.1 kg	X		GHG 514 4506 R3101
		Wall socket	yes	KH	8.2 kg		X	GHG 514 4506 R0501
		Wall socket	—	GM	8.2 kg		X	GHG 514 4506 R3006
		Wall socket	—	GM	8.2 kg	X		GHG 514 4506 R3106
		Plug			0.9 kg	X	X	GHG 514 7506 R0001

Accessories

Type	OU	Order No.
Set of ring cable lugs 35/70 mm ² for wall socket (6 + 2 pcs.)	1	GHG 510 1916 R0001
Plug cap 4-pole/5-pole	1	GHG 510 1901 R0006
Set of cable lugs 35 mm ² (5 pcs., for plug)	5	GHG 510 1916 R0001

Other voltage ranges and versions available on request

KU = 1 x plastic cable glands M50, 1 x M50 plastic Ex-screw plug

KH = 1 x plastic cable glands M50, 1 x plastic cable glands M25, with aux. contact

ME = 2 x metal thread M40 with plastic Ex-screw plug

GM = 2 x metal thread M40 with screw plug M40 with external earth bolt M8

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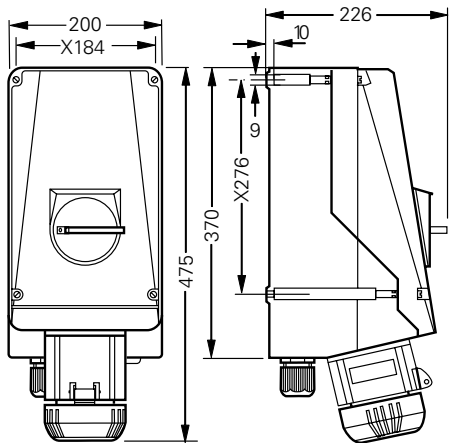


Wall socket

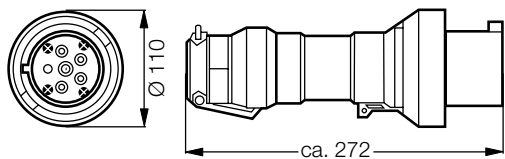


Plug

Dimension drawing | Wiring diagram

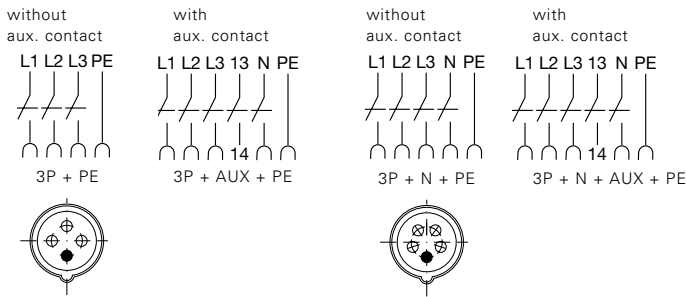


Wall socket 4/5-pole



Plug 4/5-pole

X = fixing dimensions



Dimensions in mm