

non-interlocked



non-interlocked



interlocked

Technical data

	Ex-receptacles accd. to IEC 60309-1/2
Marking accd. to 2014/34/EU	Ⓔx II 2 G Ex ed IIC T6 / Ⓔx II 2 D Ex tD A21 IP66 T80 °C/T95 °C
EC-Type Examination Certificate	PTB 00 ATEX 1032 X
Permissible ambient temperature	–20 °C to +40 °C[1)]
Rated voltage	up to 440 V (AC)
Rated current	16 A (AC)
Frequency	50/60 Hz
Rated making / Rated breaking capacity AC-3 accd. EN 60947-3	U_e 415 V / I_e 16 A
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
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 1.0 - 4 mm^2
Enclosure material	glass-fibre reinforced polyester

[1)] extended temperature range on request

Details for used cable glands see pages 2.3.ff



interlocked

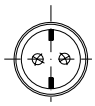


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Ordering details

Voltage	h	Type	Cable entry	Weight approx.	Order No.
Type CEE 16 A 3-pole, interlocked					
200-250 V	 6	Wall socket	KU	1.1 kg	**GHG 511 4306 R0901**
		Wall socket	ME	1.2 kg	**GHG 511 4306 R3901**
		Wall socket	GM	1.2 kg	**GHG 511 4306 R3902**
		Plug			**GHG 511 7306 R0001**
Type CEE 16 A 3-pole, non-interlocked					
200-250 V	 6	Wall socket	KU	1.2 kg	**GHG 511 4306 R0903**
		Wall socket	ME	1.3 kg	**GHG 511 4306 R3905**
		Wall socket	GM	1.3 kg	**GHG 511 4306 R3906**
		Plug			**GHG 511 7306 R0001**
Type 16 A 2-pole, non-interlocked „PE-contact“					
230 V		Wall socket[1)]	KU	1.2 kg	**GHG 511 4306 R0902**
		Wall socket[1)]	ME	1.3 kg	**GHG 511 4306 R3903**
		Wall socket[1)]	GM	1.3 kg	**GHG 511 4306 R3904**
		Schutzkontakt[1)]			

Voltage	h	Type	Aux. contact	Cable entry	Weight approx.	Order No.
Type CEE 16 A 5-pole, interlocked						
380-415 V	 6	Wall socket	–	KU	1.6 kg	**GHG 511 4506 R0901**
		Wall socket	–	ME	1.7 kg	**GHG 511 4506 R3901**
		Wall socket	yes	KH	1.6 kg	**GHG 511 4506 R0903**
		Plug				**GHG 511 7506 R0001**
Type CEE 16 A 5-pole, non-interlocked						
380-415 V	 6	Wall socket	–	KU	1.8 kg	**GHG 511 4506 R0902**
		Wall socket	–	ME	1.9 kg	**GHG 511 4506 R3902**
		Wall socket	yes	KH	1.8 kg	**GHG 511 4506 R0904**
		Plug				**GHG 511 7506 R0001**

Other voltage ranges and versions available on request

GM = 2 x metal thread M20 without cable gland/thread plug with protective earth
KU = 1 x plastic cable glands M25, 1 x M25 plastic Ex-screw plug

ME = 2 x metal thread M20 with plastic Ex-screw plug

KH = 2 x plastic cable glands M25 cable gland, with aux. contact, 1 x NO

[1)] Not compatible with GHG 511 7306 R0001



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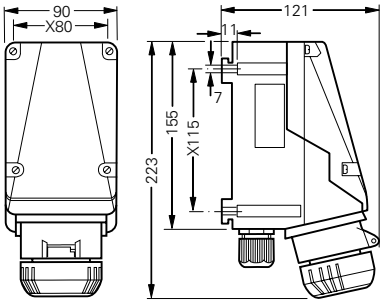


non-interlocked

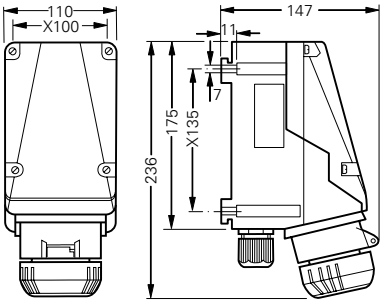


interlocked

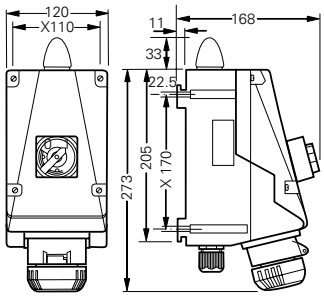
Dimension drawing I Wiring diagram



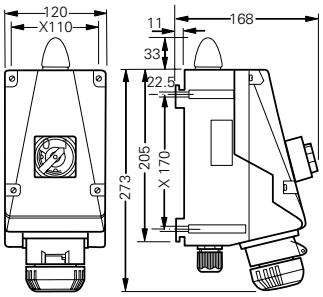
Wall socket interlocked 3-pole



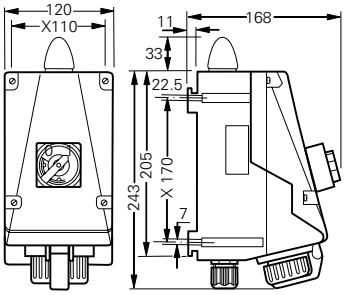
Wall socket interlocked 5-pole



Wall socket non-interlocked 3-pole



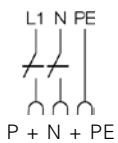
Wall socket non-interlocked 5-pole

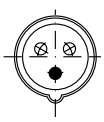


Wall socket non-interlocked with earthing contact 3-pole

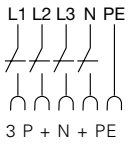
X = fixing dimensions

with earthing contact

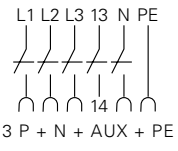




without aux. contact



with aux. contact





Dimensions in mm



interlocked



non-interlocked

Technical data

	Ex-receptacles accd. to IEC 60309-1/2
Marking accd. to 2014/34/EU	Ⓔx II 2 G Ex ed IIC T6 / Ⓔx II 2 D Ex tD A21 IP66 T80 °C / T95 °C
EC-Type Examination Certificate	PTB 00 ATEX 1032 X
Permissible ambient temperature	–20 °C to +40 °C[1)]
Rated voltage	440 V (AC)
Rated current	32 A
Frequency	50/60 Hz
Rated making / Rated breaking capacity AC-3 accd. EN 60947-3	U_e 690 V / I_e 32 A
External back-up fuse, max.	without therm. protection: 35 A with therm. protection: 50 A gG (rated current 32 A set to)
Protection class	I
Degree of protection accd. to EN 60529	IP66
Cable entry	1 x M40 cable gland, 1 x M40 plastic Ex-screw plug or 2 x metal thread M32 with plastic Ex-screw plug
Connecting terminals	2 x 4 - 10 mm²
Enclosure material	glass-fibre reinforced polyester

[1)] extended temperature range on request

Details for used cable glands see pages 2.3.ff



non-interlocked



interlocked

Ordering details

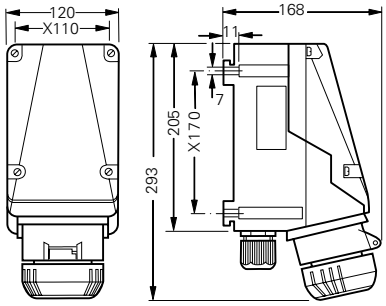
Voltage	h	Type	Aux. contact	Cable entry	Weight approx.	Order No.
Type 32 A 5-pole, interlocked						
380-415 V	 6	Wall socket	–	KU	2.3 kg	**GHG 512 4506 R0901**
		Wall socket	–	ME	2.4 kg	**GHG 512 4506 R3901**
		Wall socket	yes	KH	2.3 kg	**GHG 512 4506 R0903**
Type 32 A 5-pole, non-interlocked						
380-415 V	 6	Wall socket	–	KU	1.8 kg	**GHG 512 4506 R0904**
		Wall socket	–	ME	1.9 kg	**GHG 512 4506 R3902**
		Wall socket	yes	KH	1.8 kg	**GHG 512 4506 R0905**

Other voltage ranges and versions available on request.
KU = 1 x plastic cable glands M40 cable gland, 1 x M40 plastic Ex-screw plug

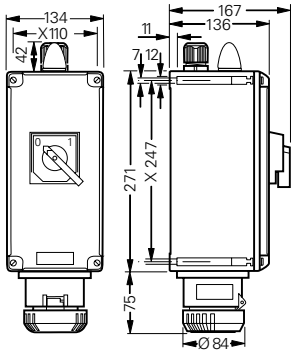
ME = 2 x metal thread M32 with plastic Ex-screw plug

KH = 1 x plastic cable glands M40 cable gland,
1 x plastic cable glands M25 cable gland

Dimension drawing I Wiring diagram

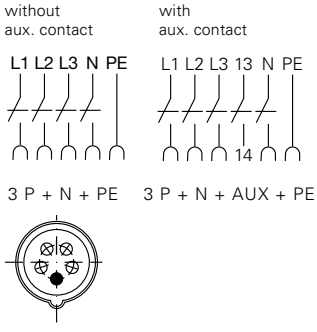


Wall socket interlocked 5-pole



Wall socket non-interlocked 5-pole

X = fixing dimensions



Dimensions in mm



interlocked



non-interlocked

Technical data

	Ex-receptacles accd. to IEC 60309-1/2
Marking accd. to 2014/34/EU	Ⓔx II 2 G Ex ed IIC T6 / Ⓔx II 2 D Ex tD A21 IP66 T80 °C/T95 °C
EC-Type Examination Certificate	PTB 00 ATEX 1032 X
Permissible ambient temperature	–20 °C to +40 °C[1)]
Rated voltage	550 V (AC)
Rated current	63 A (AC)
Frequency	50/60 Hz
Rated making / Rated breaking capacity AC-3 accd. EN 60947-3	U_e 690 V / I_e 63 A
External back-up fuse, max.	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
Cable entry	1 x M50 cable gland, 1 x M50 plastic Ex-screw plug 2 x metal thread M40 with plastic Ex-screw plug
Connecting terminals	2 x 4 - 25 mm²
Enclosure material	glass-fibre reinforced polyester

[1)] extended temperature range on request

Details for used cable glands see pages 2.3.ff



non-interlocked



interlocked

Ordering details

Voltage	h	Type	Aux. contact	Cable entry	Weight approx.	Order No.
Type 63 A 5-pole, interlocked						
380-415 V	 6	Wall socket	–	KU	8.1 kg	**GHG 514 4506 R0901**
		Wall socket	–	ME	8.3 kg	**GHG 514 4506 R3901**
		Wall socket	yes	KH	8.1 kg	**GHG 514 4506 R0903**
Type 63 A 5-pole, non-interlocked						
380-415 V	 6	Wall socket	–	KU	8.1 kg	**GHG 514 4506 R0904**
		Wall socket	–	ME	8.3 kg	**GHG 514 4506 R3902**
		Wall socket	yes	KH	8.1 kg	**GHG 514 4506 R0905**

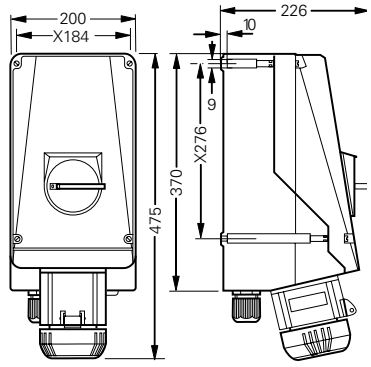
125 A and other versions on request

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

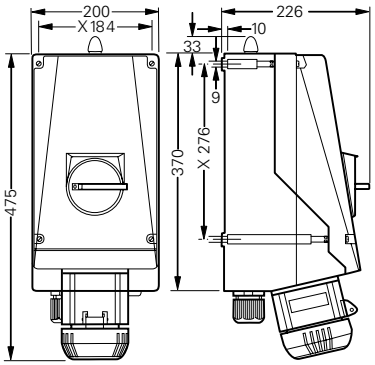
ME = 2 x metal thread M40 with plastic Ex-screw plug

KH = 1 x plastic cable glands M50 cable gland,
1 x plastic cable glands M25 cable gland, with aux. contact, 1 x NO

Dimension drawing I Wiring diagram

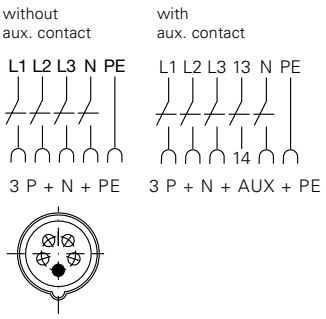


Wall socket interlocked 5-pole



Wall socket non-interlocked 5-pole

X = fixing dimensions



Dimensions in mm

Ex-Repair and Maintenance Receptacle Distribution

1 40 A and 80 A distribution plastic version for zones 1 and 2

Maintenance procedure

For maintenance, repair and upgrading work, appliances such as drills, welding transformers, hand grinders and such are needed but are not in accordance to the explosion-protection regulations.

To be able to use these appliances in the Zone 1 or Zone 2 explosion-protected areas a hot work permit has to be issued. For the duration of the repair or maintenance work, the environment has to be free of all explosive hazardous atmospheres.

The CEAG explosion-protected repair and maintenance receptacle distributions are in accordance to regulations that in parts require a stationary installation. With the interlocking and lockable switch the utilization of the repair and maintenance receptacle distributions is selectively possible after a hot work permit has been issued.

All sockets are equipped with high quality switches and RCDs and have separate MCB's.

Repair and maintenance sockets have a red signal lamp on the top side of the housing showing the actual state of connection.



Features

- **Industrial electrical devices can be used with a „hot work permit"**
- **Sockets with lamellar contacts for secure connection**
- **Lockable switch with all-pole switching and AC-3 motor switching capability**
- **High mechanical, chemical and thermal resistance**
- **Sockets can be locked separately**



80 A

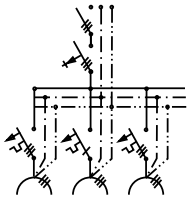
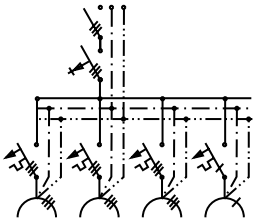


40 A

Technical data

	Repair receptacle distributions
Marking accd. to 2014/34/EU	Ex II 2 G Ex ed IIC T6
EC-Type Examination Certificate	PTB 00 ATEX 1100 X
Permissible ambient temperature	–55 °C to +55 °C (40 A) / –36 °C to +55 °C (80 A)[1]
Rated voltage	400 V
Rated current	40 A / 80 A
Frequency	50 - 60 Hz
Rated making / Rated breaking capacity AC-3 accd. EN 60947-3	40 A switch: U_e 400 V / I_e 40 A 80 A switch: U_e 400 V / I_e 80 A
Protection class	I
Degree of protection accd. to EN 60529	IP66
Enclosure material	glass-fibre reinforced polyester
Enclosure colour	black

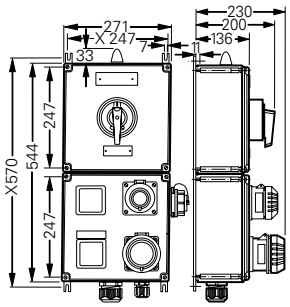
Ordering details

Number of components	Circuit	Order No.
1 switch, 4-pole, 40 A, 1 RCD 40/0,03 A; 1 IEC 60309-socket, 16 A, 1 MCB, 3-pole, 16 A 1 IEC 60309-socket, 32 A, 1 MCB, 3-pole, 32 A 1 earthed socket 16 A, 1 MCB, 1-pole, 16 A 1 signal lamp 1 cable gland M40 cable gland 1 cable gland M25 cable gland Weight: 8.5 kg		**GHG 981 0042 R0001**
1 switch, 4-pole, 80 A, 1 RCD 80/0,03 A 1 IEC 60309-socket, 16 A, 1 MCB, 3-pole, 16 A 1 IEC 60309-socket, 32 A, 1 MCB, 3-pole, 32 A 1 IEC 60309-socket, 63 A, 1 MCB, 3-pole, 63 A 1 earthed socket 16 A, 1 MCB, 1-pole, 16 A 1 signal lamp 1 cable gland M50 cable gland 1 cable gland M25 cable gland Weight: 15 kg		**GHG 981 0043 R0001**

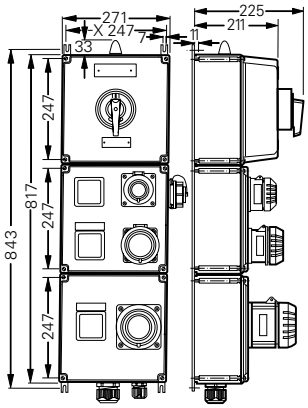
Other types on request / Customer specifications on request

[1] extended temperature range on request

Dimension drawing



Repair socket distributions 40 A



Repair socket distributions 80 A

X = fixing dimensions

Dimensions in mm