

EX - PLUGS AND RECEPTACLES

10 A to 125 A
plugs and receptacles plastic version for zone 1, 2, 21 and 22

1 A good connection

Providing electrical energy there, where it is most needed – even in hazardous areas for the Zones 1, 2, 21 and 22.

Non-stationary electrical apparatus have generally high requirements on the energy/power supply. Robust plugs and receptacles as well as a high chemical resistance are at the first glance very important. Electrical reliability is a must not only for all connectivity products.

A high safety standard, a steady hold and faultless contacting even under vibration or the effects of an aggressive atmospheric environment are the basis for a secure and reliable utilisation.

CEAG plugs and receptacles offer more, apart from the proven technology, this product series is defined by its innovative details. For example, the very efficient cable strain relief or the new coding system of the various versions offers different solutions for a secure and problem free utilization in all areas.

Just to round the product off, the user in the normal industrial sector becomes exactly the same product advantages. Robust industrial versions fulfil all requirements appertaining to mechanical and chemical durability. For the stationary repair power supplying in hazardous explosive areas, there is a specially conceived version available that fulfils all the necessary safety requirements. Used in a module sense, individual solutions are no problem at all. The CEAG wall socket for instance can be mounted on to the pre-installed mounting frame without having to use tools – installation without a hot work permit.

Apart from the plugs and receptacles for the European market, we also have plugs and sockets extra for the US market, which are in accordance to all of the necessary standards UL and safety protection systems used there. The available standard range used here, are the 20 A, 30 A, 60 A and 100 A.

International approvals.

- **Nickel-plated contacts**
- **Low insertion force**
- **Safety standard IP66 applies also in the plugged-in state**
- **Full AC-3 switching ability**
- **Self-cleaning lamellar contacts, low transition resistance**
- **All-pole on/off switching**
- **Easy plugging**





Plug



Wall socket

1

Technical data

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

Marking accd. to 2014/34/EU	⊕ II 2 G Ex de IIC T6 / ⊕ II 2 D Ex tD A21 IP66 T80 °C
EC-Type Examination Certificate	PTB 01 ATEX 1069
IECEx Certificate of Conformity	IECEx BK1 04.0005
Marking accd. to IECEx	Ex ed IIC T6
Permissible ambient temperature	-20 °C to + 40 °C ¹⁾
Rated voltage	690 V
Rated current	125 A
Frequency	up to 400 Hz
Rated making / Rated breaking capacity AC-3 accd. EN 60947-3	Ue 690 V / Ie 125 A
External back up fuse	without therm. protection: 125 A with therm. protection: 160 A gG (rated current 125 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 M63 cable gland, 1 x M63 plastic Ex-screw plug or 2 x M50 metal thread with 2 plastic Ex-screw plug
Connecting terminals	2 x 4 - 70 mm ² / with ring cable lug ²⁾ 1 x 120 mm ²
Enclosure material	glass-fibre reinforced polyester

Plug

Cable entry	Ø 31 - 55 mm
Connecting terminals	1 x 4 - 35 mm ² / with pin cable lug ³⁾ 1 x 50 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

Ex-plugs and receptacles 125 A 4/5-pole up to 690 V

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Wall socket

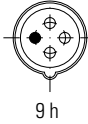


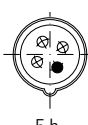



Plug



Plug cap

Ordering details

Voltage	h	Type	Aux. contact	Cable entry	Weight approx.	Order No.
Type 125 A 4-pole						
200-250 V		Wall socket	–	KU	12.3 kg	GHG 515 4409 R0001
		Wall socket	–	ME	12.5 kg	GHG 515 4409 R3001
		Wall socket	yes	KH	12.5 kg	GHG 515 4409 R0501
		Plug	–	–	1.5 kg	GHG 515 7409 R0001
380-415 V		Wall socket	–	KU	12.3 kg	GHG 515 4406 R0001
		Wall socket	–	ME	12.5 kg	GHG 515 4406 R3001
		Wall socket	yes	KH	12.5 kg	GHG 515 4406 R0501
		Wall socket	–	GM	8.2 kg	GHG 515 4406 R3003
		Plug	–	–	1.5 kg	GHG 515 7406 R0001
480-500 V		Wall socket	–	KU	12.3 kg	GHG 515 4407 R0001
		Wall socket	–	ME	12.5 kg	GHG 515 4407 R3001
		Wall socket	yes	KH	12.5 kg	GHG 515 4407 R0501
		Wall socket	–	GM	8.2 kg	GHG 515 4407 R3002
		Plug	–	–	1.5 kg	GHG 515 7407 R0001
600-690 V		Wall socket	–	KU	12.3 kg	GHG 515 4405 R0001
		Wall socket	–	ME	12.5 kg	GHG 515 4405 R3001
		Wall socket	yes	KH	12.5 kg	GHG 515 4405 R0501
		Wall socket	–	GM	8.2 kg	GHG 515 4405 R3002
		Plug	–	–	1.5 kg	GHG 515 7405 R0001
Type 125 A 5-pole						
200-250 V 380-415 V		Wall socket	–	KU	13.0 kg	GHG 515 4506 R0001
		Wall socket	–	ME	13.2 kg	GHG 515 4506 R3001
		Wall socket	yes	KH	13.2 kg	GHG 515 4506 R0501
		Wall socket	–	GM	8.2 kg	GHG 515 4506 R3005
		Plug	–	–	1.2 kg	GHG 515 7506 R0001

Accessories

Type	OU	Order No.
Plug cap 4-pole/5-pole	1	GHG 510 1901 R0007
Set of ring cable lug 70/120 mm ² for wall socket (je 4 + 1 pcs.)	1	GHG 260 1911 R0004
Set of cable lugs 50 mm ² (5 pcs., for plug)	5	GHG 510 1916 R0002

Other voltage ranges and versions available on request

KU = 1 x plastic cable glands M63, 1 x M40 plastic Ex-screw plug

KH = 1 x plastic cable glands M63, 1 x plastic cable glands M25, with aux. contact

ME = 2 x metal thread M50 with plastic Ex-screw plug

GM = 2 x metal thread M50 with screw plug, with external earth bolt M8



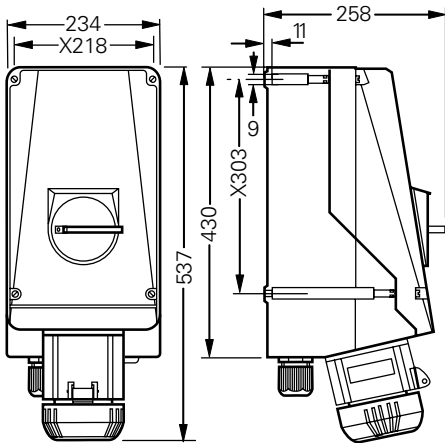
Plug



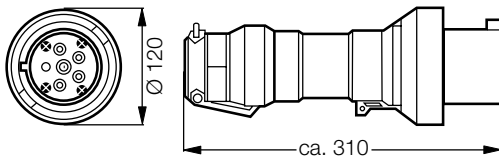
Wall socket

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Dimension drawing | Wiring diagram



Wall socket 4/5-pole



Plug 4/5-pole

X = fixing dimensions

