

Light Metal Ex-Plugs and Sockets

1 16 A metal design for zone 1 and 2

Customized protection

The explosion-protected light metal plugs and receptacle devices can be used in the areas of Zone 1 and Zone 2 at no risk of explosion. Extremely harsh conditions of use in the hazardous area requires the devices to have highest mechanical strength. The explosion-protected CEAG plug and socket devices can be used to supply the appropriate energy to portable electrical equipment in these harsh conditions.

The robust plug and receptacle devices with high-quality cast aluminium housings can be connected to a large connecting room via explosion-proof conduits or explosion-proof screwed connections.

Flameproof enclosure

Unused flameproof threads for cable glands have to be closed with certified plugs.

The light metal plug and socket devices have an outside earthing connection.

The explosion-protected plug can be plugged into an industrial sockets if their contacts are executed according to IEC 60309. Connecting terminals are in an Ex-e chamber, all other parts are Ex-d protected.



Features

- Ex-d enclosure
- High mechanical, chemical and thermal resistance conduit
- Connecting technology



Technical data

Ex-d plugs and receptacles 16 A

Marking accd. to 2014/34/EU	⊕ II 2 G Ex de IIC T6
EC-Type Examination Certificate	LOM 03 ATEX 2019
Permissible ambient temperature	-20 °C to +55 °C ¹⁾
Rated voltage	see ordering details
Rated current	16 A
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
Degree of protection accd. to EN 60529	IP65
Enclosure material	light alloy, polyester powder coated

Wall socket

Cable entry	2 x 3/4", ISO 7/1, one plugged
Connecting terminals	2 x 1.0 - 2.5 mm ²

Plug

Cable entry	Ø 8.5 - 13.5 mm
Connecting terminals	1 x 1.0 - 2.5 mm ² / PE: 1 x 1.5 - 6 mm ²

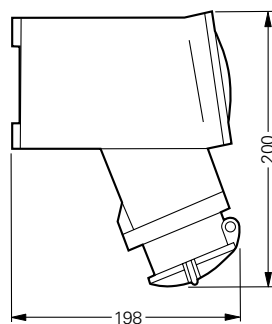
¹⁾ extended temperature range on request

Ordering details

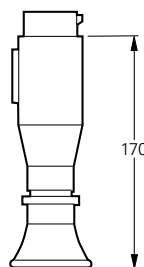
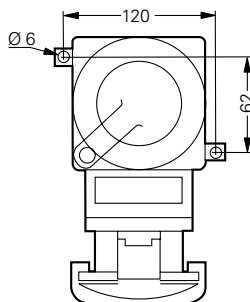
Voltage ¹⁾	h	Type	Weight approx.	Order No.
Type 16 A 3-pole				
220 - 250 V	6	Wall socket	2.7 kg	NOR 000 003 230 016
	6	Plug	0.55 kg	NOR 000 003 230 058
Type 16 A 4-pole				
380 - 415 V	6	Wall socket	2.7 kg	NOR 000 003 230 024
	6	Plug	0.55 kg	NOR 000 003 230 066
Type 16 A 5-pole				
380 - 415 V	6	Wall socket	2.7 kg	NOR 000 003 230 032
	6	Plug	0.7 kg	NOR 000 003 230 074

¹⁾ other voltage ranges on request

Dimension drawing



Wall socket



Plug

No. of poles	A
3-pole	Ø 56 mm
4-pole	Ø 66 mm
5-pole	Ø 70 mm

X = fixing dimensions