

EX - PLUG AND RECEPTACLE

16 A Metal design for zone 1 and 2

1 The explosion-protected light metal plug 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.

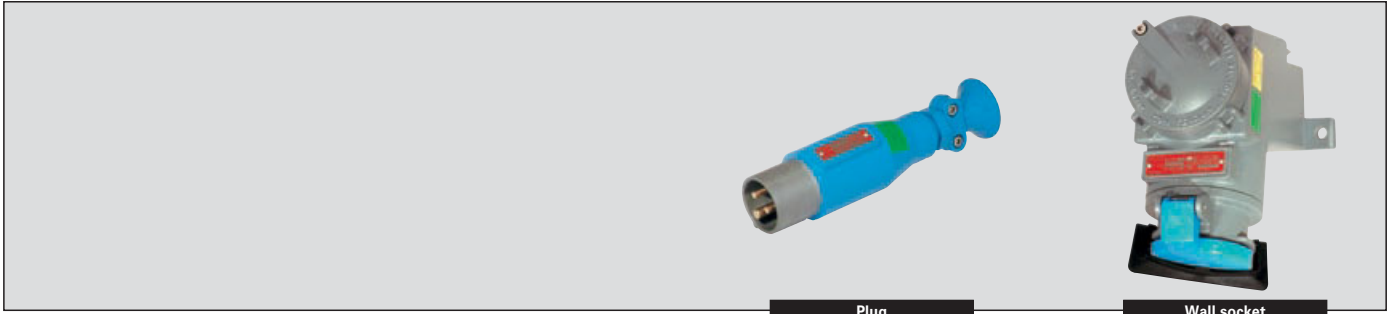
Unused flameproof threads for cable glands have to be closed with certified plugs.

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 contact disposability is acc. to IEC 60309 connecting terminals are in an Ex-e chamber, all other parts are Ex-d protected.



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



Plug

Wall socket

Technical data

Ex-d plugs and receptacles 16 A

Marking accd. to 94/9/EC	⊕ 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 gL
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

