

PORTABLE MULTI-OUTLET DISTRIBUTIONS AND CABLE REELS

16 A and 32 A for Zone 1 and Zone 21

1 Electrical equipment, such as pumps, scales, etc. can be used flexibly in areas of Zone 1 and Zone 2 that are at risk of explosions, they can be safely supplied with energy by means of portable CEAG multi-outlet distribution units or cable reels.

The multi-outlet distribution units are equipped with flange-mounting socket outlets that even comply with the high degree of protection IP66 when they are plugged in.

This means that this distribution units are also suitable for use in the harshest industrial conditions.

The portable, explosion-protected cable reels can be used to supply electricity flexibly to portable electrical equipment to areas of Zone 1 and Zone 2 that are at risk of explosions. Furthermore, the cable drum can be used as a multiple socket outlet. Different combinations of plugs and receptacles allow variable deployments. The cable drum with a stainless steel housing comprises up to three explosion-protected flange-mounting socket outlets as well as the wound cable with a plug. One bolt each for inner and outer connection to the side wall are also welded on for connection to the protective conductor or potential equalisation conductor. Optionally, the cable reel can also be supplied with conductive reels.

A version of all-rubber design for use in harsh areas offers various applications. The small design gives best opportunities to be stored in operation vehicles or container.

All portable distributions are for use by:

- fire brigades
- civil defence
- rescue services
- police
- maintenance operation

- High IP 66 protection
- Portable distribution of electricity via sockets in the area at risk of explosions
- Mechanical, chemical and thermal resistance
- Variable socket combinations
- Glove operation





16A 5-pole

16A 3-pole

1

Technical data

16A 3-pole | 16A 5-pole

Marking accd. to 94/9/EC	Ex II 2 G Ex ed IIC T6
EC-Type Examination Certificate	PTB 02 ATEX 1035
Permissible ambient temperature	-20 °C to +40 °C ¹⁾
Rated voltage	3-pole 16 A: up to 500 V / 5-pole 16 A: up to 400 V
Rated current	16 A
Frequency	50/60 Hz
Rated making / Rated breaking capacity AC-3 accd. EN 60947-3	U _e 690 V / I _e 16 A
External back up fuse	without thermal protection: 16 A with thermal protection: 25 A gL (rated current 16 A set to)
Degree of protection accd. to EN 60529	IP66
Cable entry/enclosure drilling	Trumpet shaped cable gland M32
Weight	with 2 m connecting cable: 4.2 kg / with 5 m connecting cable 5.2 kg
Enclosure material	Socket distribution: glass-fibre reinforced polyester Plug and flange socket: polyamide
Enclosure colour	black

¹⁾ extended temperature range on request

Ex-Portable outlet distributions 16A 3-pole, 5-pole



16A 5/3-pole

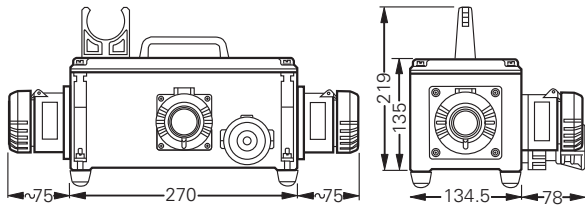
16A 3/5-pole

Ordering details

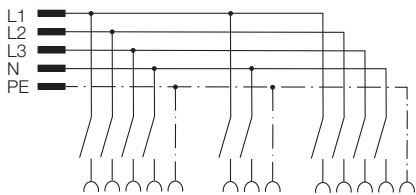
Design	Version	Order No.
Type design with 2 m connecting cable		
2 x socket 16 A	3-pole	GHG 931 0003 R0011
1 x socket 16 A	5-pole	
1 x socket 16 A	3-pole	GHG 931 0003 R0012
2 x socket 16 A	5-pole	
3 x socket 16 A	3-pole	GHG 931 0003 R0013
Type design with 5 m connecting cable		
2 x socket 16 A	3-pole	GHG 931 0003 R0021
1 x socket 16 A	5-pole	
1 x socket 16 A	3-pole	GHG 931 0003 R0022
2 x socket 16 A	5-pole	
3 x socket 16 A	3-pole	GHG 931 0003 R0023

Other configurations on request.

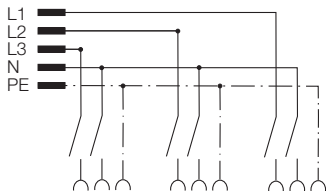
Dimension drawing | Wiring diagram



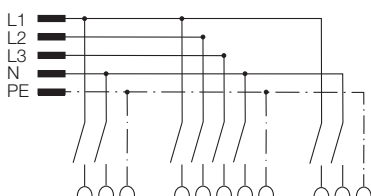
Socket distribution 16A 3-pole/5-pole



2 x 5-pole, 1 x 3-pole



3 x 3-pole



2 x 3-pole, 1 x 5-pole

Dimensions in mm



Stainless steel

1

Technical data

Cable reel stainless steel

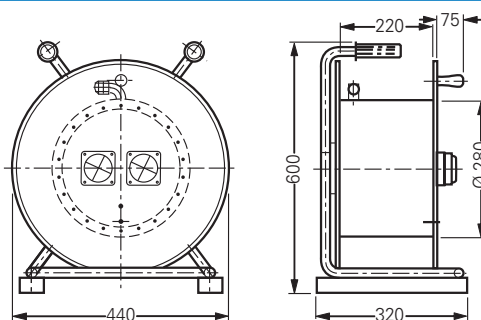
Marking accd. to 94/9/EC	II 2 G Ex de IIC T6
EC-Type Examination Certificate	PTB 08 ATEX 1073
Permissible ambient temperature	-20 °C ... +55 °C ¹⁾
Rated voltage	3-pole: 415 V 5-pole: 500 V (690 V up to 5 h)
Rated current	16 A/32 A
Frequency	50/60 Hz
External back up fuse	without thermal protection: 16 A with thermal protection: 25 A gL (rated current 16 A set to)
Protection class	I
Degree of protection accd. to EN 60529	IP54
Weight	16 A with 20 m connecting cable approx. 22 - 30 kg design depending / 32 A with 20 m connecting cable approx. 28 - 50 kg design depending
Enclosure material	Cable reel: enclosure stainless steel Plug and flange socket: polyamide

¹⁾ extended temperature range on request

Ordering details

Design	Version	Order No.
Stainless steel 16 A design with 20 m connecting cable HO7...		
1 x Flange socket 16 A 3-pole		
1 x Flange socket 16 A 5-pole	5 x 2.5 mm ²	GHG 931 0003 R0031
3 x Flange socket 16 A 3-pole	3 x 2.5 mm ²	GHG 931 0003 R0032
2 x Flange socket 16 A 5-pole	5 x 2.5 mm ²	GHG 931 0003 R0033
Stainless steel 16 A design with 20 m connecting cable HO7...		
2 x Flange socket 32 A 4-pole	4 x 4 mm ²	GHG 931 0003 R0034
2 x Flange socket 32 A 5-pole	5 x 4 mm ²	GHG 931 0003 R0035
1 x Flange socket 16 A 5-pole		
1 x Flange socket 32 A 5-pole	5 x 4 mm ²	GHG 931 0003 R0036

Dimension drawing



Dimensions in mm