

GHG - Ex metal junction boxes

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High-quality metal junction boxes were made in accordance with the currently applicable standards included in the ATEX Directive (94/9/EC). They can be used in explosion hazard zones 1, 2, 21 and 22. Thanks to them, reliable power distribution is possible. They are made of a light metal alloy, which translates into high durability and low weight. Above-average durability makes the casing resistant to mechanical damage, high temperatures, chemical substances, or interference related to the influence of external electromagnetic fields. The proposed metal boxes have an external equalizing connection. All screws and external parts are made of stainless steel (AISI 316L). We provide certified additional components.

The offered C3x series junction boxes were created in accordance with the requirements of the ATEX directive (94/9/EC). They are fully adapted to work in explosion hazard zones 1, 2, 21 and 22. They can be used to connect cables with a maximum cross-section of 10 mm². The boxes can be equipped with mounting plates or external grounding connectors. The protection level is IP 67. Thanks to this, the described junction boxes can be used in the most severe industrial conditions.

BASIC DATA:

- Resistance to mechanical damage, high temperatures and chemical compounds
- IP66 protection class
- For 4 M20 threaded holes
- International approvals

TECHNICAL DATA:

- Marking according to 94/9/EC (ATEX) II 2G Ex dem ia II, IIC T6 / II 2D Ex tD A21 IP66 T80°C
- EC type examination certificate PTB 00 ATEX 3108
- Permissible ambient temperature -20°C to +40°C / -55°C to +55°C (option)
- Rated voltage 690 V
- The rated current depends on the terminal cross-section
- Connection terminals max. 4 x 4 mm²/PE 4 x 2.5 mm² (cord) max. 2 x 6 mm²*/PE 4 x 4 mm² (wire) or 2 x 6 mm² + 1 x 2.5 mm²
- Protection class I

- Protection level according to EN 60529 IP66
- Glands/holes in the housing max. 4 x M20 holes
- Dimensions (length x width x height) 82 x 130 x 72 mm
- Weight approximately 0.8 kg
- Housing material: cast light alloy
- Housing color: light gray

GALERIA PRODUKTU WRAZ Z PRZYKŁADOWYMI REALIZACJAMI



DOCUMENTS



Data sheet [Kliknij aby pobrać](#)

GHG 793 01 up to 4 terminals

No. Glands

Number of terminals Catalogue no.

1	max. 2 x M20 hole	4 x Ex-e, 1 x PE	5.GHG 793 0101 R0001
2	max. 4 x M20 hole; incl. 2 M20 blanking plugs	4 x Ex-e, 1 x PE	5.GHG 793 0101 R0002

