

# Flameproof enclosures and switchgear for group IIB + H2 EX ATEX

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High-quality housings and switchboards with flameproof covers (GHG 64 series) are made of light metal alloys. These are products that comply with rigorous standards (PN-EN 60079-1) and standards (ATEX Directive (94/9/EC)). The modular design means that individual housings can be freely connected to create a large distribution system. Components must be connected use flameproof bushings that have the necessary certificates. It is possible to use wall frames or dedicated stands.

The offered housing is available in eleven sizes, which makes it easier to find the right model. It can easily survive even the toughest working conditions (expandable temperature range is from -55°C to +55°C). The structure can be designed according to the specifications provided by the client.

The proposed housing is characterized by above-average durability and relatively low weight. Specialized hinges with an opening angle of 110° are used here. This solution significantly increases the comfort of use. If two modules are mounted very close to each other, the housing door can be opened without any problems. All you need to do is loosen and pull out the screws.

The innovative design of the described housing facilitates the repair and maintenance process. You can quickly and efficiently get inside it to replace the built-in components. Excellent technological parameters make it an investment for many years. Professional accessories are dedicated to the housing.

## BASIC DATA:

- Assembled according to customer requirements
- Temperature range from -55°C to +55°C
- Ex-d housing
- Explosion group IIB + H2
- Rated voltage up to 690 V
- Rated current 1150 A

- Lid with hinges with an opening angle of 110°
- Maintenance-friendly design
- Protection level IP65 (optional IP66)
- A wide range of explosion-proof electrical equipment and components

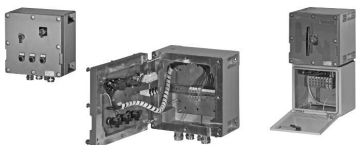
#### TECHNICAL DATA:

- Marking according to 94/9/EC (ATEX) D II 2G Ex d IIB / IIB + H2 Gb / Ex de IIB IIB / IIB + H2 Gb D II 2D Ex tb IIIC Db IP66
- EC type examination certificate PTB 08 ATEX 1042U
- IECEx Certificate of Conformity IECEx PTB 11.0076U
- Marking according to IECEx Ex d IIB, IIB + H2 Gb Ex d e IIB, IIB + H2 Gb
- Permissible ambient temperature -20°C to +40°C / -55°C to +55°C (option)
- Rated voltage 690 V
- Rated current 1150 A
- Clamp cross-section up to 240 mm<sup>2</sup>
- Protection level according to EN 60529 IP65 (optional IP66)
- Weight see order details
- Housing material die-cast aluminum housing, powder coated
- Housing color RAL 7032/7022

#### ADDITIONAL OPTIONS:

- Indicator light
- Button with key
- Button
- Mushroom button with lock
- Mushroom button

#### GALERIA PRODUKTU WRAZ Z PRZYKŁADOWYMI REALIZACJAMI



#### DOCUMENTS



Data sheet Kliknij aby pobrać

The table below shows empty enclosures (II B)

No.	Dimensions (W × H × D, mm)	Catalogue no.
1	210 × 210 × 191	5.GHG 640 1901 R0001
2	210 × 320 × 191	5.GHG 640 1902 R0001
3	210 × 320 × 284	5.GHG 640 1903 R0001
4	320 × 320 × 191	5.GHG 640 1904 R0001
5	320 × 320 × 284	5.GHG 640 1905 R0001
6	320 × 430 × 191	5.GHG 640 1906 R0001
7	320 × 430 × 284	5.GHG 640 1907 R0001
8	430 × 430 × 284	5.GHG 640 1908 R0001
9	430 × 650 × 284	5.GHG 640 1909 R0001
10	430 × 650 × 439	5.GHG 640 1910 R0001
11	650 × 650 × 442	5.GHG 640 1911 R0001

