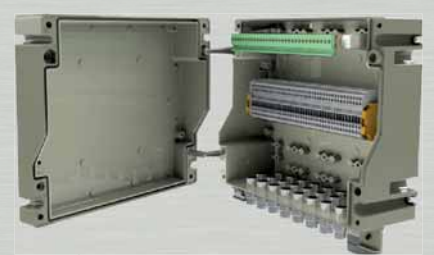


For versatile applications

Reliable Aluminium Series GHG 71
Terminal Boxes and Junction Boxes



Aluminium Enclosure Series GHG 71

The new enclosure series for zone 1, 2, 21 and 22 applications.



Our new Aluminium Terminal- and Junction Boxes series consist of a highly resistant aluminium die casting. For specific applications (intrinsic safe) it is also available in a different painting (RAL 5015).

Applications

The series is applicable for zone 1 and 2 as well as for zone 21 and 22. The aluminium boxes are especially designed for applications like, instrumentation, for hazardous areas, areas which are cleaned with high pressure cleaners, offshore and for machine builders and the automotive industry.

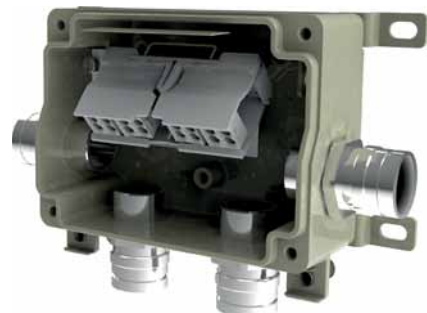
Characteristics

The lowered sidewalls facilitate the installation and maintenance. The possible internal and external grounding is ideal for high IP degrees and safe the integration to earth continuity. Sizes 6- 8 are equipped with a hinged lid (optional left or right side). For size 1 is a new terminal block available to optimize cable entries.

Available Sizes

Enclosure	Height (mm)	Width (mm)	Depth (mm)
Size 1	77	77	77
Size 2	83	111	60
Size 3	128	128	80
Size 4	128	223	80
Size 5	183	183	95
Size 6	233	283	110
Size 7	283	283	110
Size 8	283	569	110

- Made of high pressure die casting aluminium
- Metallic or plastic glands are possible
- Snap-on terminal rail
- Lowered sidewalls
- Optional: PE busbar



GHG 71



Overview

The new terminal- and junction boxes series GHG 71 consists of a high pressure aluminium die cast. Netherless they have low weight. With the excellent chemical resistance they are applicable for almost every application.

Material & Finish

Enclosure made of copper free aluminum. Available in natural finish, powder coated in RAL7032 (grey) or RAL5015 (blue). Special colors on request.

Gasket

High performance silicone gasket.

Lid Fixing

Lid fixed with captive screws made of 316 stainless steel. Optional hinges on sizes 6 to 8 on the left or right side.

Enclosure Mounting

Size 1 & 2: External 316 S/S mounting feet with 5.5 mm holes
 Size 3: 2 Integrated mounting holes with diameter 6.6 mm
 Size 4- 8: 2 Integrated mounting holes with diameter 6.6 mm
 Optional: External 316 S/S mounting feet with diameter 6.6mm holes on sizes 3-8

Equipment Mounting

A variety of internal mounting positions allow the fixing of terminal rails or other equipment as needed.

Earthing

Integrally casted external earth connection. 2 external earth connections on size 2-8, 1 earth connection on size 1
 Each enclosure has 2 internal earth connections suitable to connect 4 PE wires

Ingress Protection

IP66, IP67, IP68 and IP69 to EN60529. Enclosures will be marked with IP66 as standard.
 The level of ingress protection depends on the use of suitable cable glands.

Operating Temperature

-55 °C to +95 °C

Ambient Temperature

For equipment certified terminal and junction boxes -55°C to +55°C

Impact Resistance

ATEX 7 Joule, IK 10 (20 Joule)

Component Certification

ATEX / IECEx

⊕ II 2 G / Ex e IIC

⊕ II 2 D / Ex tD A21 IP66



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