

# GHG64 Series Flameproof Enclosures

Ex d IIB (IIB + H<sub>2</sub> optional) T5-T6,  
Ex ia for Zone 1, 2, 21, 22

ATEX  
GOST-R  
GOST-K

**1E**

## Applications:

GHG64 Series Enclosures are used in threaded rigid conduit systems in hazardous areas:

- To function as a splice box, pull box, or equipment and device enclosure
- Indoors and outdoors

## Features:

- 11 sizes (modular design) to suit your requirements with very effective power dissipation
- Ground joint (bolted) construction throughout permits use in hazardous areas
- Bodies have thick walls so they can be factory drilled and tapped to meet IEC requirements for Zone 1, 2, 21, and 22 hazardous areas
- Hinged cover with up to 110° cover opening - designed for easy maintenance
- Ambient temperature range: -20 to +40°C standard (-55 to +55°C optional)
- Rated voltage: 690V
- Rated max. current: up to 1150A

## Certifications & Compliances:

- Ex d IIB (IIB + H<sub>2</sub> optional) T5-T6, Ex ia for Zone 1, 2, 21, 22
- ATEX Certificate: PTB 08 ATEX 1042U
- GOST-R
- GOST-K



## Standard Materials:

- Bodies - die cast aluminum
- Covers - die cast aluminum

## Standard Finish:

- Epoxy powder coat finish is standard inside and outside (cover is RAL7032 gray and body RAL7022 beige)

## Options:

Description	Suffix
• Factory installed mounting plate for relays, terminal blocks, electrical devices, etc.	Available upon request (please contact factory)
• Factory installed pushbuttons, signal lamps, switchgear, rotary handles, actuators, rectangular glass windows	Available upon request (please contact factory)
• Factory installed terminal blocks - up to 240 sq mm	Available upon request (please contact factory)
• IIB + H <sub>2</sub>	Please contact factory
• IP66	Please contact factory



Size 11



Size 9



Size 6



Size 4



Size 1

## Ordering Information - Ex d Light Alloy Empty Enclosures (IIB), Bolted:

Version	Power Dissipation (T <sub>amb.</sub> = 40°C)		Weight	Dimensions		Cat. # (without hinge)	Cat. # (with hinge)
	T6	T5		L x W x D			
Size 1	94 W	134 W	10.5 kg	210 x 210 x 191 mm		GHG 640 1901 R0001	GHG 640 1901 R0013
Size 2	112 W	158 W	14.0 kg	320 x 210 x 191 mm		GHG 640 1902 R0001	GHG 640 1902 R0013
Size 3	140 W	195 W	17.0 kg	320 x 210 x 284 mm		GHG 640 1903 R0001	GHG 640 1903 R0013
Size 4	152 W	214 W	18.0 kg	320 x 320 x 191 mm		GHG 640 1904 R0001	GHG 640 1904 R0013
Size 5	197 W	280 W	21.0 kg	320 x 320 x 284 mm		GHG 640 1905 R0001	GHG 640 1905 R0013
Size 6	240 W	335 W	22.0 kg	430 x 320 x 191 mm		GHG 640 1906 R0001	GHG 640 1906 R0013
Size 7	270 W	390 W	27.0 kg	430 x 320 x 284 mm		GHG 640 1907 R0001	GHG 640 1907 R0013
Size 8	270 W	390 W	35.0 kg	430 x 430 x 284 mm		GHG 640 1908 R0001	GHG 640 1908 R0013
Size 9	390 W	430 W	53.0 kg	650 x 430 x 284 mm		GHG 640 1909 R0001	GHG 640 1909 R0013
Size 10	470 W	640 W	73.0 kg	650 x 430 x 437 mm		GHG 640 1910 R0001	GHG 640 1910 R0013
Size 11	470 W	640 W	105.0 kg	650 x 650 x 442 mm		GHG 640 1911 R0001	GHG 640 1911 R0013