

GHG26 explosion protected disconnect switches

600 VAC; non-metallic enclosure

cCSAus certified
Cl. I, Div. 2, Groups A, B, C, D
Cl. I, Zones 1 & 2, AEx de IIC, T6
Cl. II, Div. 1, Groups E, F, G (CSA)
Cl. II, Div. 2, Groups F, G
ATEX approved
Ex de IIC, T6, Zones 1 & 2, IP66

2A

Applications:

GHG26 explosion protected disconnect switches are used in a metallic conduit or cable system for surface mounting to control motor, lighting and other circuits and:

- For individual motor control
- Are used to prevent arcing internal to the enclosed switch from causing ignition of a specific hazardous atmosphere or atmospheres
- Are designed for industrial areas, such as chemical plants, oil and gas refineries, paint and varnish manufacturing plants, gasoline bulk loading terminals and finishing areas where sturdy, durable enclosures are required

Features:

- Explosion protected factory sealed motor circuit switches
- Innovative break line in cover allows full wiring access, making installation quick and easy
- High impact enclosure is designed for excellent corrosion resistance and will not warp from hot or cold water
- Tongue-in-groove seal guarantees IP66 rating and eliminates possibility of accidental opening or leakage
- Lockable handle meets OSHA lockout/tagout requirements
- Molded-in-place mounting feet provide a water channel between wall and enclosure
- Large rotary handle provides easy gripping with gloved hands
- Captive cover screws prevent water exposure and possible corrosion

Certifications and compliances:

- cCSAus certified
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- Class II, Division 1, Groups E, F, G (CSA)
- Class II, Division 2, Groups F, G
- ATEX approved – PTB
- Ex de IIC, T6, Zones 1 & 2, IP66
- GOST-R and GOST-K
- CSA standard: C22.2 No. 14
- NEMA 4X
- IP66



Standard materials:

- Enclosure:
 - 10A: impact-resistant thermoplastic
 - 20A-180A: fiberglass-reinforced polyester
 - Non-metallic, corrosion resistance
 - Increased safety Ex-e protection
 - Impact resistance
 - NEMA 4X, IP66 protection
 - Enclosure meets UL 94-V0
 - UV rated
- Enclosure gasket – silicone
- Handle – impact-resistant thermoplastic
- Cover screws – stainless steel
- Conduit entries – zinc Myers™ hubs

Electrical ratings:

Switch	Amperage	Horsepower rating	
		240 VAC	600 VAC
GHG 261	10	0.75	–
GHG 262	20	14.3	12.2
GHG 263	40	20	15
GHG 264	80	50	30
GHG 265	125	40	75
GHG 266	180	40	75

Note: 10A through 180A: up to 690 VAC;
20A through 80A: up to 120 VDC

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Ordering information:

10A		20A		40A	
Cat. #	GHG 261 0005 L0002	GHG 262 2301 L0003	GHG 262 2601 L0002	GHG 263 2301 L0002	GHG 263 0050 L0002
Pole	3-pole	3-pole	6-pole	3-pole	6-pole
Rated Voltage	500V	690 VAC, 120 VDC	690 VAC, 120 VDC	690 VAC, 120 VDC	690 VAC, 120 VDC
Auxiliary Contact	1 NO, making – lagging breaking – leading	1 NO, making – lagging breaking – leading	1 NC	1 NO, making – lagging breaking – leading	1 NC
Auxiliary Connection	14 AWG 2 x 2.5 mm ²	12 AWG 2 x 4 mm ²	12 AWG 2 x 4 mm ²	12 AWG 2 x 16 mm ²	12 AWG 2 x 16 mm ²
Connection Terminals	14 AWG	12 AWG	12 AWG	6 AWG	6 AWG
Conduit Entries	1 x 3/4"	2 x 3/4"	2 x 3/4"	2 x 3/4"	2 x 1"
Weight	1.2 lbs. (0.55 kg.)	3.3 lbs. (1.5 kg.)	5.1 lbs. (2.3 kg.)	5.1 lbs. (2.3 kg.)	14.3 lbs. (6.5 kg.)
Dimensions	See Figure 1	See Figure 2	See Figure 3	See Figure 4	See Figure 5
Wall Mounting Plate	GHG 610 1953 R0101	GHG 610 1953 R0104	GHG 610 1953 R0118	GHG 610 1953 R0118	Not required

80A		125A		180A	
Cat. #	GHG 264 0020 L0017	GHG 264 0021 L0002	GHG 265 0010 L0003	GHG 266 0006 L0002	
Pole	3-pole	6-pole	3-pole	3-pole	
Rated Voltage	690 VAC, 120 VDC	690 VAC, 120 VDC	690V	690V	
Auxiliary Contact	1 NO, making – lagging breaking – leading	1 NC	1 NO, making – lagging breaking – leading	1 NO, making – lagging breaking – leading	
Auxiliary Connection	12 AWG 2 x 50 mm ²	12 AWG 2 x 50 mm ²	12 AWG 1 x 70 mm ²	12 AWG 1 x 120 mm ²	
Connection Terminals	2 AWG	2 AWG	2/0 AWG	4/0 AWG	
Conduit Entries	2 x 1 1/2"	2 x 1 1/2"	2 x 1 1/2"	2 x 2"	
Weight	14.3 lbs. (6.5 kg.)	19.8 lbs. (9.0 kg.)	35.2 lbs. (16.0 kg.)	36.3 lbs. (16.5 kg.)	
Dimensions	See Figure 6	See Figure 7	See Figure 8	See Figure 8	
Wall Mounting Plate	Not required	Not required	Not required	Not required	

For variable speed, three-phase drives

20A		40A		80A	
Cat. #	GHG 262 0014 L0001	GHG 263 0053 L0001	GHG 264 0024 L0001	GHG 264 0024 L0001	
Pole	3-pole	3-pole	3-pole	3-pole	
Rated Voltage	690V	690V	690V	690V	
Auxiliary Contact	1 NO, making – lagging breaking – leading	1 NO, making – lagging breaking – leading	1 NO, making – lagging breaking – leading	1 NO, making – lagging breaking – leading	
Auxiliary Connection	12 AWG 2 x 4 mm ²	6 AWG 2 x 16 mm ²	2 AWG 2 x 35 mm ²	2 AWG 2 x 35 mm ²	
Connection Terminals	12 AWG	6 AWG	2 AWG	2 AWG	
Conduit Entries	2 x 3/4"	1 x 1" + 1 x 1/2"	1 x 1 1/2" + 1 x 1/2"	1 x 1 1/2" + 1 x 1/2"	
Weight	3.5 lbs. (1.6 kg.)	5.1 lbs. (2.3 kg.)	7.7 lbs. (3.5 kg.)	7.7 lbs. (3.5 kg.)	
Dimensions	See Figure 9	See Figure 10	See Figure 11	See Figure 11	
Wall Mounting Plate	GHG 610 1953 R0118	GHG 610 1953 R0118	GHG 610 1953 R0110	GHG 610 1953 R0110	

Switches can be mounted directly onto a wall. The optional wall mounting plate offers a more convenient method of mounting.

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Dimensions (in inches):

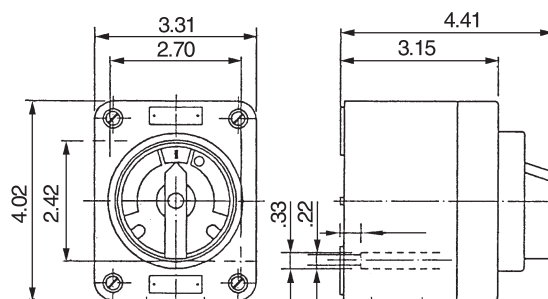


Figure 1 – 10A, 3-pole

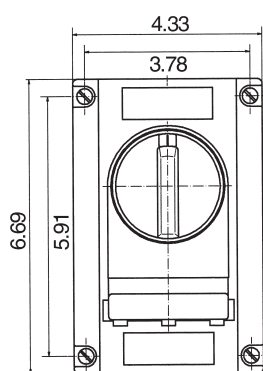


Figure 2 – 20A, 3-pole

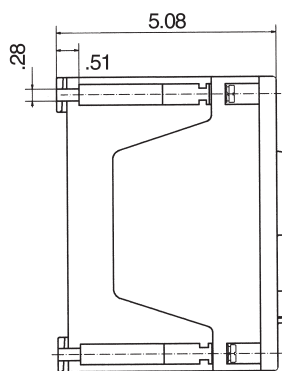


Figure 3 – 20A, 6-pole

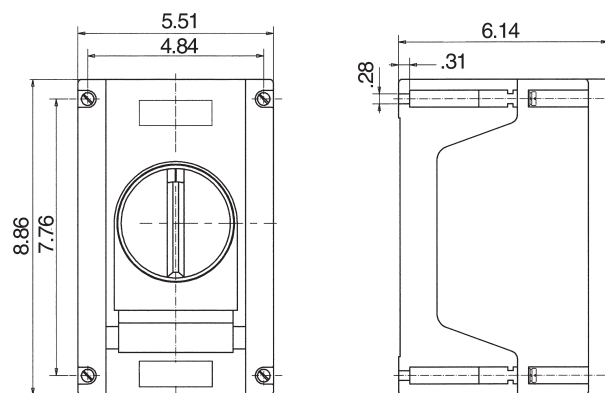


Figure 4 – 40A, 3-pole

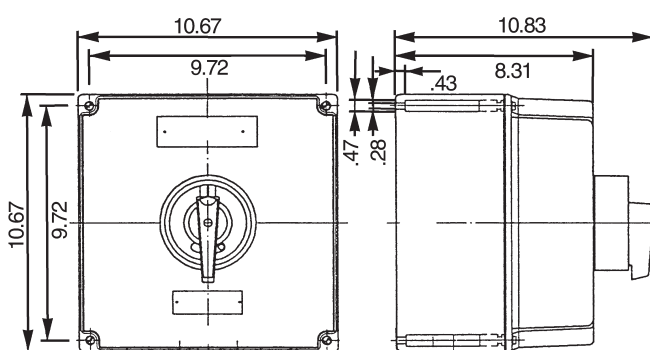


Figure 5 – 40A, 6-pole

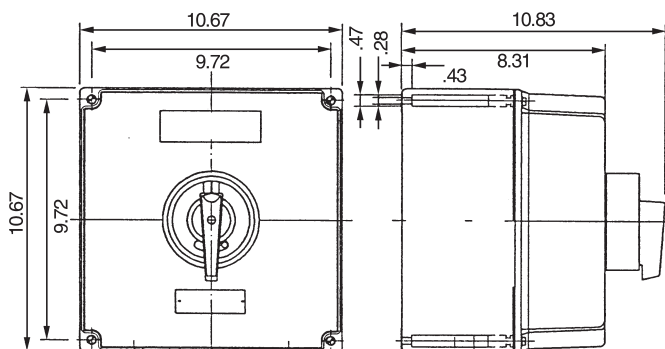


Figure 6 – 80A, 3-pole

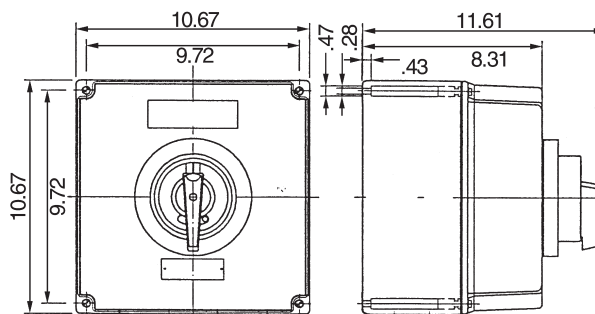


Figure 7 – 80A, 6-pole

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Dimensions (in inches) (continued):

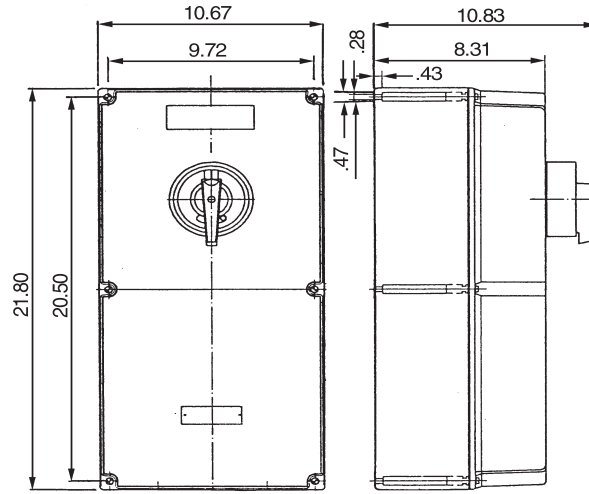


Figure 8 – 125A, 3-pole; 180A, 3-pole

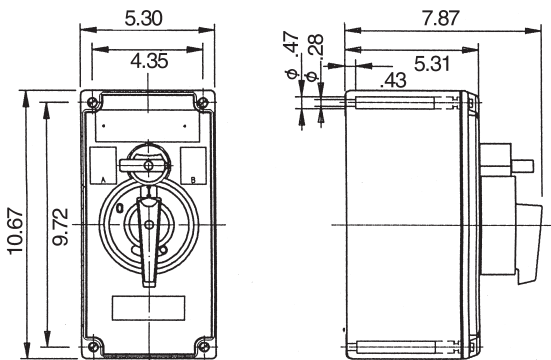


Figure 9 – 20A, 3-phase variable speed

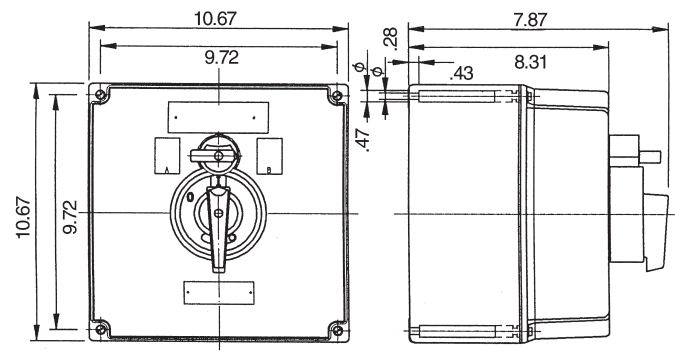


Figure 10 – 40A, 6-phase variable speed

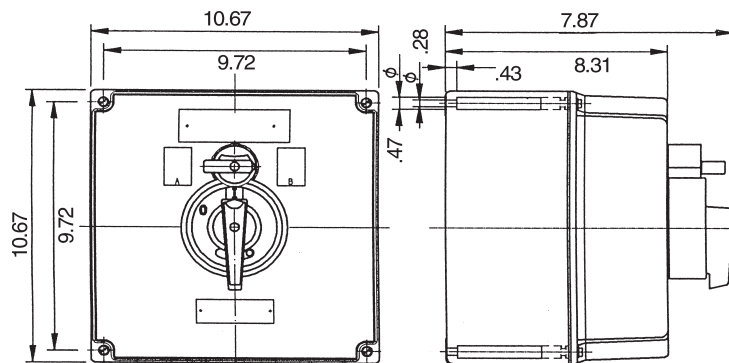


Figure 11 – 80A, 3-phase variable speed