

# 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 I, Zones 1 & 2, AEx de IIC, T6
- 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<br>2 x 2.5 mm <sup>2</sup>         | 12 AWG<br>2 x 4 mm <sup>2</sup>           | 12 AWG<br>2 x 4 mm <sup>2</sup> | 12 AWG<br>2 x 16 mm <sup>2</sup>          | 12 AWG<br>2 x 16 mm <sup>2</sup> |
| 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<br>2 x 50 mm <sup>2</sup>          | 12 AWG<br>2 x 50 mm <sup>2</sup> | 12 AWG<br>1 x 70 mm <sup>2</sup>          | 12 AWG<br>1 x 120 mm <sup>2</sup>         |  |
| 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<br>2 x 4 mm <sup>2</sup>           | 6 AWG<br>2 x 16 mm <sup>2</sup>           | 2 AWG<br>2 x 35 mm <sup>2</sup>           | 2 AWG<br>2 x 35 mm <sup>2</sup>           |  |
| 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):

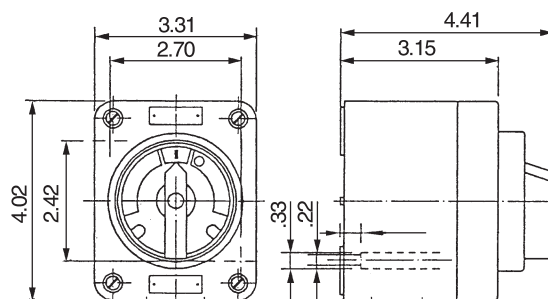


Figure 1 – 10A, 3-pole

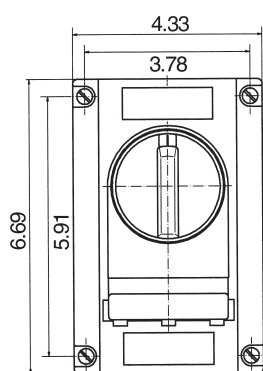


Figure 2 – 20A, 3-pole

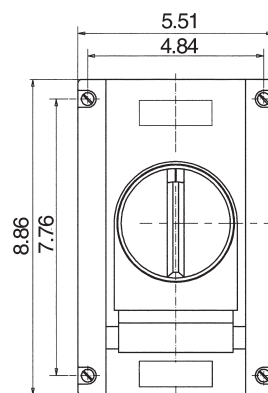
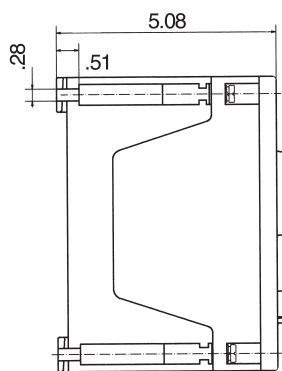


Figure 3 – 20A, 6-pole

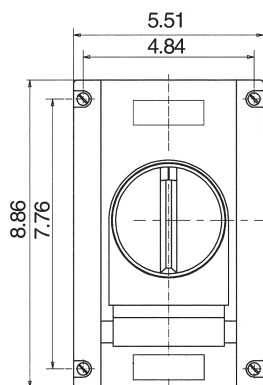
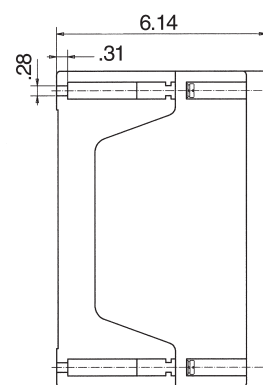


Figure 4 – 40A, 3-pole

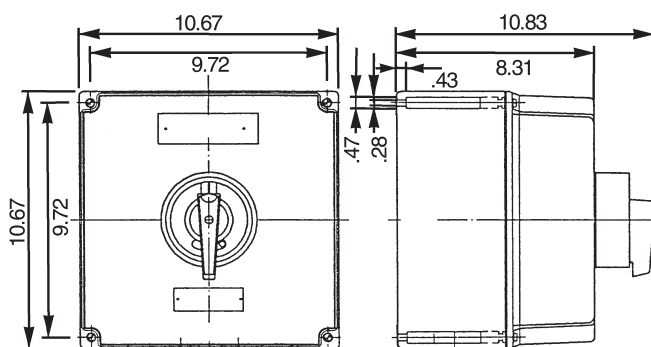
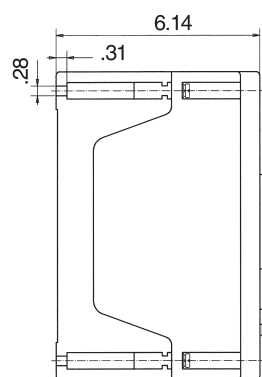


Figure 5 – 40A, 6-pole

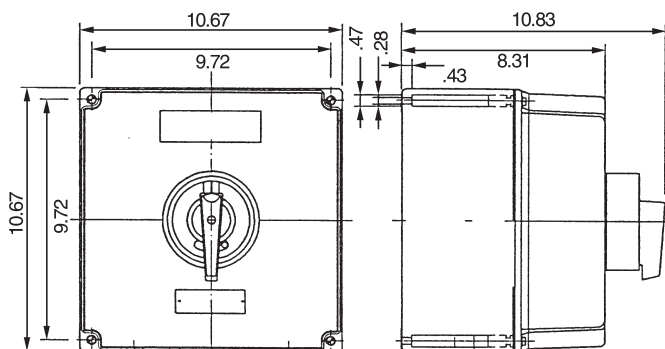


Figure 6 – 80A, 3-pole

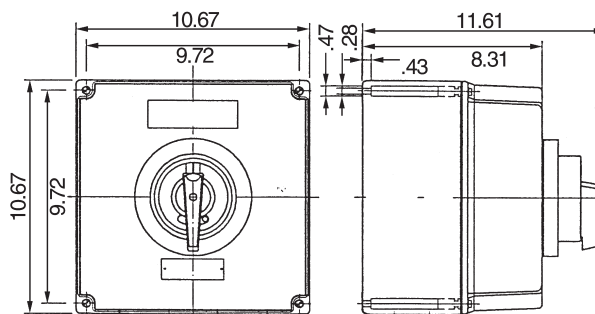


Figure 7 – 80A, 6-pole

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## Dimensions (in inches) (continued):

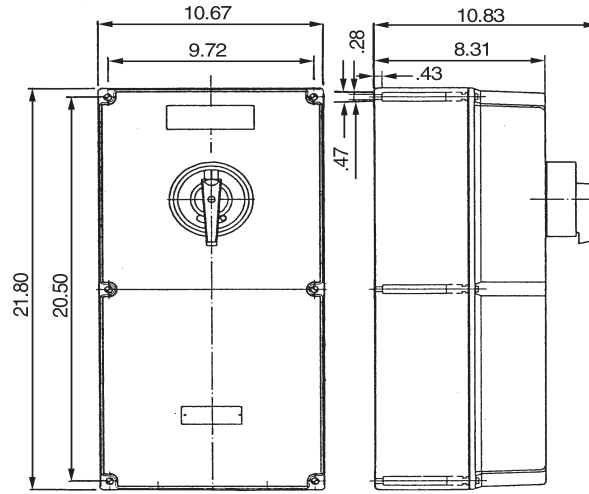


Figure 8 – 125A, 3-pole; 180A, 3-pole

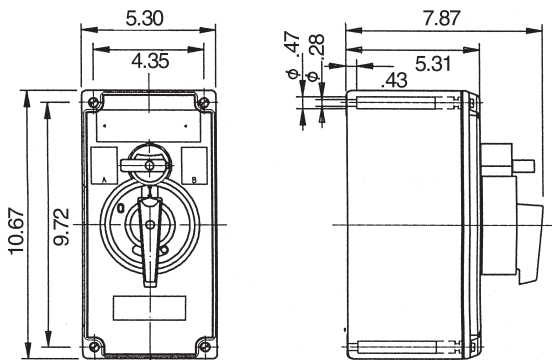


Figure 9 – 20A, 3-phase variable speed

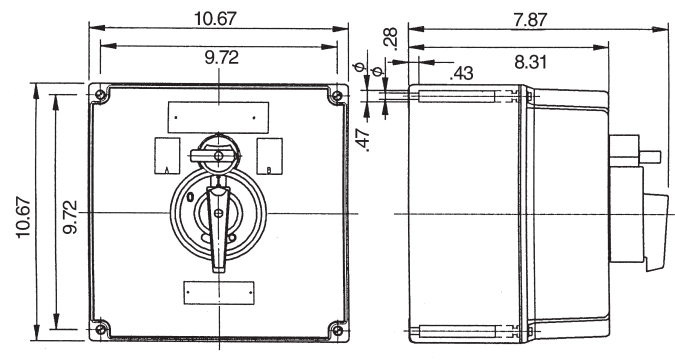


Figure 10 – 40A, 6-phase variable speed

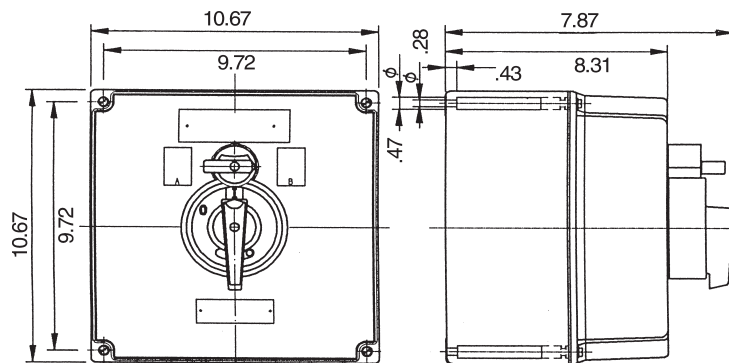


Figure 11 – 80A, 3-phase variable speed