

# TeSys Power

## Giga - Frame 5, 6 Motor circuit breakers - Accessories

### Product references



LV432479



LV432490



LV432593



GV7AC04



GV6AP03



LV432599



GV7AP02

### Cabling accessories

**Cable connectors:** The connectors for Frame 5 snap directly on to the device terminals or are secured by clips to right-angle and straight terminal extensions as well as spreaders. Frame 6 connectors are screwed directly to the device terminals.

**Spreaders:** Spreaders may be used to increase the pitch from 35 mm to 45 mm for Frame 5. The 45 mm pitch can be increased to 52.5 or 70 mm for Frame 6.

**Long terminal shields:** They are used for front connection with cables or insulated bars. They comprise two parts assembled with captive screws, forming an IP40 cover. The top part is equipped with sliding grids with break marks for precise adaptation to cables or insulated bars. The rear part completely blocks off the connection zone. Partially cut squares can be removed to adapt to all types of connection for cables with lugs or copper bars. Long terminal shields may be mounted upstream and downstream of the breaker.

**Phase barriers:** These interphase barriers are used for maximum insulation at the power-connection points.

**Insulating screens:** These are fitted at the rear of the device which provides insulation. Their use is mandatory for devices with spreaders, installed on backplates, when terminal shields are not used.

**Frame 5 Combination kits:** These kits allow link between the circuit breaker and the contactor. The cover provides protection against direct finger contact. The kit comprises links, a protective shield and a depth adjustable metal bracket for the breaker.

| Description                                       | Application                                   | Sold in lots of | Unit reference GV5 | Unit reference GV6 |
|---------------------------------------------------|-----------------------------------------------|-----------------|--------------------|--------------------|
| <b>Steel connectors (set of 3)</b>                | 1.5...95 mm <sup>2</sup> ≤ 150 A              | 1               | GV7AC021           | —                  |
| <b>Aluminium connectors (set of 3)</b>            | 25...95 mm <sup>2</sup> ≤ 220 A               | 1               | LV429227           |                    |
|                                                   | 120...185 mm <sup>2</sup> ≤ 220 A             | 1               | GV7AC022           |                    |
|                                                   | 120...240 mm <sup>2</sup> ≤ 220 A             | 1               | LV429244           |                    |
|                                                   | 35...300 mm <sup>2</sup>                      | 1               |                    | LV432479           |
| <b>Spreader 3-pole <sup>(1)</sup></b>             | 2 x 35...300 mm <sup>2</sup>                  | 1               |                    | LV432481           |
|                                                   | 35...45 mm pole pitch                         | 1               | GV7AC03            |                    |
|                                                   | 52.5 mm pole pitch                            | 1               |                    | LV432490           |
| <b>Long terminal shield (IP40) <sup>(1)</sup></b> | 70 mm pole pitch                              | 1               |                    | LV432492           |
|                                                   | 35 mm pole pitch                              | 1               | GV7AC01            |                    |
|                                                   | 45 mm pole pitch                              | 1               |                    | LV432593           |
| <b>Phase barriers (set of 6)</b>                  | 52.5 mm pole pitch                            | 1               |                    | LV432595           |
|                                                   |                                               | 1               | GV7AC04            | LV432570           |
| <b>Insulating screens (set of 2)</b>              | 45 mm                                         | 1               | GV7AC05            |                    |
|                                                   | 70 mm                                         |                 |                    | LV432578           |
| <b>Combination Kits <sup>(2)</sup></b>            |                                               |                 |                    |                    |
| <b>For contactor LC1F115...F185</b>               | Connection kits between breaker and contactor | 1               | GV7AC06            |                    |
| <b>For contactor LC1D115 and D150</b>             |                                               | 1               | GV7AC08            |                    |

### Direct rotary handle

The circuit breaker is always supplied direct rotary handle (black handle, black plate) as standard and it provides IP40 protection. The other type handles can be used by replacing this direct rotary handle. It includes a device for locking the circuit breaker in the O (Off) position by means of up to 3 padlocks with a shackle diameter of 5 to 8 mm (padlocks not included). A MCC conversion accessory allows the direct rotary handle to be mounted on the enclosure door. In this case, the door cannot be opened if the circuit breaker is in the "ON" position. Circuit breaker closing is inhibited if the enclosure door is open and prevents the device from being closed if the door is open.

| Description                     | Type                                                 | Sold in lots of | Unit reference GV5 | Unit reference GV6 |
|---------------------------------|------------------------------------------------------|-----------------|--------------------|--------------------|
| <b>Direct rotary handle</b>     | Black handle, black legend plate                     | 1               | GV5AP03            | GV6AP03            |
|                                 | Red handle, yellow legend plate                      | 1               | GV7AP04            | LV432599           |
| <b>MCC conversion accessory</b> | Four mounting direct rotary handle on enclosure door | 1               | GV7AP05            | LV432606           |

### Extended rotary handle

Allows to operate a circuit breaker from the front of the switch board, which's installed in the back of an enclosure, which provides IP55 protection. It comprises:

- a unit which is screwed onto the front accessory cover of the circuit breaker,
- an assembly (handle mechanism and front plate) to be fitted on the enclosure door,
- an extension shaft which must be adjusted.
- The distance minimum and maximum distances between the mounting surface and the door are
  - 185...600 mm for Frame 5
  - 209...600 mm for Frame 6

It includes a device for locking the circuit breaker in the O (Off) position by means of up to 3 padlocks with a shackle diameter of 5 to 8 mm (padlocks not included) and disables opening enclosure door.

| Description                   | Type                             | Sold in lots of | Unit reference GV5 | Unit reference GV6 |
|-------------------------------|----------------------------------|-----------------|--------------------|--------------------|
| <b>Extended rotary handle</b> | Black handle, black legend plate | 1               | GV7AP01            | LV432598           |
|                               | Red handle, yellow legend plate  | 1               | GV7AP02            | LV432600           |

<sup>(1)</sup> Terminal shields cannot be used together with spreaders.

<sup>(2)</sup> The kit comprises links, a protective shield and a depth adjustable metal bracket for the breaker.

Dimensions:  
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