

# TeSys protection components

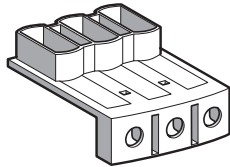
## Thermal-magnetic motor circuit breakers

### GV3 P and GV3 L

#### Add-on blocks and accessories

## TeSys GV

DF537424.eps



GV3 G66

### Contact blocks

| Description  | Mounting                 | Maximum number | Type of contacts          | Sold in lots of | Unit reference          |
|--|--------------------------|----------------|---------------------------|-----------------|-------------------------|
| Instantaneous auxiliary contacts                           | Front                    | 1              | N/O or N/C <sup>(1)</sup> | 10              | GVAE1                   |
|  |                          |                | N/O + N/C                 | 10              | GVAE11 <sup>(2)</sup>   |
|  |                          |                | N/O + N/O                 | 10              | GVAE20 <sup>(2)</sup>   |
|  | Side (LH)                | 2              | N/O + N/C                 | 1               | GVAN11 <sup>(2)</sup>   |
|  |                          |                | N/O + N/O                 | 1               | GVAN20 <sup>(2)</sup>   |
| Fault signalling contact + instantaneous auxiliary contact | Front                    | 1              | N/O (fault) + N/O         | 1               | GVAED101 <sup>(2)</sup> |
|  |                          |                | N/O (fault) + N/C         | 1               | GVAED011 <sup>(2)</sup> |
|  | Side <sup>(3)</sup> (LH) | 1              | N/O (fault) + N/O         | 1               | GVAD1010                |
|  |                          |                | + N/C                     | 1               | GVAD1001                |
|  |                          |                | N/C (fault) + N/O         | 1               | GVAD0110                |
|  |                          |                | + N/C                     | 1               | GVAD0101                |
| Short-circuit signalling contact                           | Side (LH)                | 1              | C/O common point          | 1               | GVAM11                  |

### Electric trips - undervoltage or shunt <sup>(4)</sup>

| Mounting  | Voltage     |         | Reference |
|---|-------------|---------|-----------|
| Side<br>(1 block on RH side of circuit breaker) | 24 V        | 50 Hz   | GVA●025   |
|   |             | 60 Hz   | GVA●026   |
|   | 48 V        | 50 Hz   | GVA●055   |
|   |             | 60 Hz   | GVA●056   |
|   | 100         | 50 Hz   | GVA●107   |
|   | 100...110 V | 60 Hz   | GVA●107   |
|   | 110...115 V | 50 Hz   | GVA●115   |
|   |             | 60 Hz   | GVA●116   |
|   | 120...127 V | 50 Hz   | GVA●125   |
|   | 127 V       | 60 Hz   | GVA●115   |
|   | 200 V       | 50 Hz   | GVA●207   |
|   |             | 60 Hz   | GVA●207   |
|   | 220...240 V | 50 Hz   | GVA●225   |
|   |             | 60 Hz   | GVA●226   |
|   | 380...400 V | 50 Hz   | GVA●385   |
|   |             | 60 Hz   | GVA●386   |
|   | 415...440 V | 50 Hz   | GVA●415   |
|   |             | 60 Hz   | GVA●416   |
|   | 440 V       | 60 Hz   | GVA●385   |
|   | 480 V       | 60 Hz   | GVA●415   |
| 500 V   | 50 Hz       | GVA●505 |           |
| 600 V   | 60 Hz       | GVA●505 |           |

### Accessories

| Description   |           |                     | Reference |
|---|-----------|---------------------|-----------|
| Sets of 3-pole 115 A busbars<br>Pitch: 64 mm                                    | 2 tap-off | GV3 P●● and GV3 L●● | GV3G264   |
|   | 3 tap-off | GV3 P●● and GV3 L●● | GV3G364   |
| Cover "Large Spacing" UL 508 type E<br>(Only one cover required on supply side) |           | GV3 P●●             | GV3G66    |

- (1) Choice of N/C or N/O contact operation, depending on which way round the reversible block is mounted.
- (2) Contact blocks available in version with spring terminal connections. Add a figure 3 at the end of the references selected above.  
Example: **GV AED101** becomes **GV AED1013**.
- (3) The **GV AD●●** is always mounted next to the circuit breaker.
- (4) To order an undervoltage trip: replace the dot (●) in the reference with a **U**, example: **GVAU025**.  
To order a shunt trip: replace the dot (●) in the reference with an **S**, example: **GVAS025**.