



### Main

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                        | TeSys                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Device short name            | GVAD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product or component type    | Auxiliary contact block                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product compatibility        | GV2L<br>GV2LE<br>GV2ME<br>GV2P<br>GV2RT<br>GV3L<br>GV3P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Auxiliary contacts operation | Fault signal 1 NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Pole contact composition     | 1 NO + 1 NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Connections - terminals      | Screw clamp terminals 1 cable 0.75...1.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end<br>Screw clamp terminals 2 cable 0.75...1.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end<br>Screw clamp terminals 2 cable 0.75...2.5 mm <sup>2</sup> - cable stiffness: flexible - without cable end<br>Screw clamp terminals 1 cable 0.75...2.5 mm <sup>2</sup> - cable stiffness: flexible - without cable end<br>Screw clamp terminals 2 cable 1...2.5 mm <sup>2</sup> - cable stiffness: solid<br>Screw clamp terminals 1 cable 1...2.5 mm <sup>2</sup> - cable stiffness: solid |

### Complementary

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting location                           | Left side                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| [Ui] rated insulation voltage               | 300 V - conforming to CSA C22.2 No 14<br>300 V - conforming to UL 508<br>690 V - conforming to IEC 60947-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| [Ue] rated operational voltage              | 24...240 V DC<br>48...690 V AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| [Ith] conventional free air thermal current | 2.5 A for fault signalling<br>6 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Protection type                             | GG fuse <= 10 A<br>GB2CB... circuit breaker rating according to operational current for Ue <= 415 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Mechanical durability                       | 100000 cycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Minimum switching current                   | 5 mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Minimum switching voltage                   | 17 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Rated operational power in VA               | 72 VA at 110...127 V AC-14 - electrical durability: 1000 cycles<br>48 VA at 48 V AC-14 - electrical durability: 1000 cycles<br>36 VA at 24 V AC-14 - electrical durability: 1000 cycles<br>850 VA at 380...415 V AC-15 - electrical durability: 100000 cycles<br>720 VA at 230...240 V AC-15 - electrical durability: 100000 cycles<br>650 VA at 440 V AC-15 - electrical durability: 100000 cycles<br>500 VA at 500 V AC-15 - electrical durability: 100000 cycles<br>500 VA at 110...127 V AC-15 - electrical durability: 100000 cycles<br>400 VA at 690 V AC-15 - electrical durability: 100000 cycles<br>300 VA at 48 V AC-15 - electrical durability: 100000 cycles |
| Rated operational power in W                | 9 W at 60 V DC-13 - electrical durability: 1000 cycles<br>24 W at 24 V DC-13 - electrical durability: 1000 cycles<br>15 W at 48 V DC-13 - electrical durability: 1000 cycles<br>240 W at 48 V DC-13 - electrical durability: 100000 cycles<br>180 W at 60 V DC-13 - electrical durability: 100000 cycles<br>140 W at 24 V DC-13 - electrical durability: 100000 cycles<br>140 W at 110 V DC-13 - electrical durability: 100000 cycles<br>120 W at 240 V DC-13 - electrical durability: 100000 cycles                                                                                                                                                                     |

|                   |                                       |
|-------------------|---------------------------------------|
| Tightening torque | <= 1.4 N.m - on screw clamp terminals |
| Height            | 89 mm                                 |
| Width             | 9.3 mm                                |
| Depth             | 66 mm                                 |
| Product weight    | 0.055 kg                              |

## Environment

|                              |                    |
|------------------------------|--------------------|
| Environmental characteristic | Normal environment |
|------------------------------|--------------------|

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|