



### Main

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| Commercial Status            | Commercialised                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Range of product             | TeSys GV2<br>TeSys GV3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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

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| 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 |

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| 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

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| Environmental characteristic | Normal environment |
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## Contractual warranty

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| Period | 18 months |
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