GV2L22

TeSys GV2 - Circuit breaker - magnetic - 25 A - screw clamp terminals



| Main | |
|---|---|
| Commercial Status | Commercialised |
| Range of product | TeSys GV2 |
| Device short name | GV2L |
| Product or component type | Circuit breaker |
| Circuit breaker application | Motor protection |
| Poles description | 3P |
| Network type | AC |
| Utilisation category | Category A conforming to IEC 60947-2 AC-3 conforming to IEC 60947-4-1 |
| Network frequency | 50/60 Hz conforming to IEC 60947-2 |
| Breaking capacity | Icu = 50 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 50 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 10 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 4 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [lcs] rated service short-circuit breaking capacity | 100 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| Trip unit rating | 25 A |
| Trip unit technology | Magnetic |
| Magnetic tripping cur- rent | 327 A |

Complementary

| Mounting mode | By clips | |
|--|---|--|
| • | By screws | |
| Mounting support | Plate | |
| | Rail | |
| Mounting position | Horizontal | |
| | Vertical | |
| Motor power kW | 18.5 kW at 690 V AC 50/60 Hz | |
| | 15 kW at 500 V AC 50/60 Hz | |
| | 11 kW at 500 V AC 50/60 Hz | |
| | 11 kW at 400/415 V AC 50/60 Hz | |
| | 9 kW at 400/415 V AC 50/60 Hz | |
| Control type | Rotary knob | |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz conforming to IEC 60947-2 | |
| [Ui] rated insulation voltage | 690 V AC 50/60 Hz conforming to IEC 60947-2 | |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-2 | |
| Power dissipation per pole | 1.8 W | |
| Mechanical durability | 100000 cycles | |
| Electrical durability | 100000 cycles for AC-3 at 415 V | |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not interested for a set of or determining suitability or intelability of these products for specific user applications. It is the documentation is not integrator to perform the appropriate and complete risk analysis, evaluating of the products with respect to the relevant specific application or use thereof. Neither Schmeider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

| Operating rate | 40 cyc/h |
|---------------------------|---|
| Rated duty | Continuous conforming to IEC 60947-4-1 |
| Connections - terminals | Screw clamp terminals 2 cable(s) 14 mm² - cable stiffness : flexible - with cable end |
| | Screw clamp terminals 2 cable(s) 1.56 mm² - cable stiffness : flexible - without cable end |
| | Screw clamp terminals 2 cable(s) 16 mm² - cable stiffness : solid |
| Tightening torque | 1.7 N.m - on screw clamp terminals |
| Mechanical robustness | Vibrations 5 Gn, 5150 Hz conforming to IEC 60068-2-6 Shocks 30 Gn conforming to IEC 60068-2-27 |
| Suitability for isolation | Yes conforming to IEC 60947-1 |
| Height | 89 mm |
| Width | 45 mm |
| Depth | 97 mm |
| Product weight | 0.33 kg |
| Environment | |
| Standards | EN 60204 |
| | |

| Standards | EN 60204 |
|---------------------------------------|------------------------------------|
| | IEC 60947-1 IEC 60947-2 |
| | NF C 63-120 |
| | NF C 63-650 |
| | NF C 79-130 |
| | VDE 0113 |
| | VDE 0660 |
| Product certifications | BV |
| | CCC |
| | CSA |
| | DNV |
| | GL |
| | RINA |
| | LROS |
| Protective treatment | TH |
| IK degree of protection | IK04 |
| Ambient air temperature for operation | -2060 °C |
| Ambient air temperature for storage | -4080 °C |
| Fire resistance | 960 °C conforming to IEC 60695-2-1 |
| Operating altitude | 2000 m |
| - | |

Contractual warranty

| Period | 18 months |
|---------|-----------|
| 1 01100 | 10 months |

