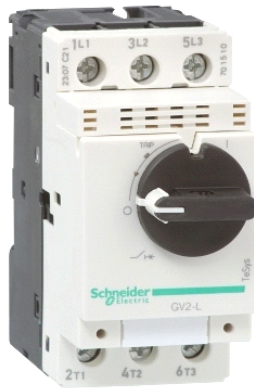


GV2L14

TeSys GV2 - Circuit breaker - magnetic - 10 A - screw clamp terminals



Main

| | |
|---|---|
| Range | TeSys |
| Product name | TeSys GV2 |
| Device short name | GV2L |
| Product or component type | Circuit breaker |
| Device application | Motor |
| Poles description | 3P |
| Network type | AC |
| Utilisation category | AC-3 conforming to IEC 60947-4-1 Category A conforming to IEC 60947-2 |
| Network frequency | 50/60 Hz conforming to IEC 60947-2 |
| Breaking capacity | 10 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 20 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 4 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service short-circuit breaking capacity | 100 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 690 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 400/415 V AC 50/60 Hz conforming to IEC 60947-2 |
| Trip unit technology | Magnetic |
| Magnetic tripping current | 138 A |

Complementary

| | |
|--|---|
| Fixing mode | Clipped on 35 mm symmetrical DIN rail Screwed on panel (with 2 x M4 screws) |
| Operating position | Any position |
| Motor power kW | 3 kW at 400/415 V AC 50/60 Hz 4 kW at 400/415 V AC 50/60 Hz 4 kW at 500 V AC 50/60 Hz 7.5 kW at 690 V AC 50/60 Hz 5.5 kW at 690 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 |
| Operating rate | 40 cyc/h |
| Rated duty | Continuous conforming to IEC 60947-4-1 |
| Connections - terminals | Screw clamp terminals 2 cable(s) 1...6 mm ² solid Screw clamp terminals 2 cable(s) 1.5...6 mm ² flexible without cable end |

The information provided in this documentation contains general characteristics and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

| | |
|---------------------------|--|
| | Screw clamp terminals 2 cable(s) 1...4 mm ² flexible with cable end |
| Tightening torque | 1.7 N.m on screw clamp terminals |
| Mechanical robustness | Shocks 30 Gn conforming to IEC 60068-2-27 Vibrations 5 Gn, 5...150 Hz conforming to IEC 60068-2-6 |
| Suitability for isolation | Yes conforming to IEC 60947-1 |
| Phase failure sensitivity | Yes |
| Height | 89 mm |
| Width | 45 mm |
| Depth | 97 mm |
| Product weight | 0.33 kg |

Environment

| | |
|---------------------------------------|---|
| 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 LRQS (Lloyds register of shipping) RINA |
| protective treatment | TH |
| IK degree of protection | IK04 |
| ambient air temperature for operation | -20...60 °C |
| ambient air temperature for storage | -40...80 °C |
| fire resistance | 960 °C conforming to IEC 60695-2-1 |
| operating altitude | 0...2000 m |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0631 - Schneider Electric declaration of conformity |
| REACH | Reference contains SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |