



## Main

|                           |                  |
|---------------------------|------------------|
| Range                     | TeSys            |
| Product name              | TeSys GV2        |
| Device short name         | GV2P             |
| Product or component type | Circuit breaker  |
| Device application        | Motor            |
| Trip unit technology      | Thermal-magnetic |

## Complementary

|   |   |
|---|---|
| Poles description                                   | 3P  |
| Network type  | AC  |
| Utilisation category                                | AC-3 conforming to IEC 60947-4-1<br>Category A conforming to IEC 60947-2  |
| Network frequency                                   | 50/60 Hz conforming to IEC 60947-4-1  |
| Fixing mode   | Clipped on 35 mm symmetrical DIN rail<br>Screwed on panel (with 2 x M4 screws)  |
| Operating position                                  | Any position  |
| Breaking capacity                                   | 100 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2<br>100 kA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2<br>100 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2<br>100 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>100 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<br>100 % at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>100 % at 500 V AC 50/60 Hz conforming to IEC 60947-2<br>100 % at 690 V AC 50/60 Hz conforming to IEC 60947-2<br>100 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2                          |
| Control type  | Rotary knob   |
| [In] rated current                                  | 0.16 A  |
| Trip unit rating                                    | 0.1...0.16 A  |
| Magnetic tripping current                           | 1.5 A   |
| [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   |
| [Ith] conventional free air thermal current         | 0.16 A conforming to IEC 60947-4-1  |
| [Uimp] rated impulse withstand voltage              | 6 kV conforming to IEC 60947-2  |
| Power dissipation per pole                          | 2.5 W   |
| Mechanical durability                               | 100000 cycles   |
| Electrical durability                               | 100000 cycles for AC-3 at 440 V   |
| Operating rate                                      | 25 cyc/h  |
| Rated duty  | Continuous conforming to IEC 60947-4-1  |
| Connections - terminals                             | Screw clamp terminals 2 cable(s) 1...6 mm <sup>2</sup> solid<br>Screw clamp terminals 2 cable(s) 1.5...6 mm <sup>2</sup> flexible without cable end<br>Screw clamp terminals 2 cable(s) 1...4 mm <sup>2</sup> flexible with cable end   |
| Tightening torque                                   | 1.7 N.m on screw clamp terminals  |
| Suitability for isolation                           | Yes conforming to IEC 60947-1   |
| Phase failure sensitivity                           | Yes conforming to IEC 60947-4-1   |
| Height  | 89 mm   |

|       |       |
|-------|-------|
| Width | 45 mm |
| Depth | 97 mm |

## Environment

|                                       |   |
|---------------------------------------|---|
| standards                             | EN 60204<br>IEC 60947-1<br>IEC 60947-2<br>IEC 60947-4-1<br>NF C 63-120<br>NF C 63-650<br>NF C 79-130<br>UL 508<br>VDE 0113<br>VDE 0660<br>CSA C22.2 |
| product certifications                | ATEX<br>BV<br>CCC<br>CSA<br>DNV<br>EZU<br>GL<br>LROS (Lloyds register of shipping)<br>RINA<br>TSE<br>UL<br>UL 508 type E<br>EAC                     |
| protective treatment                  | TH  |
| IP degree of protection               | IP20 conforming to IEC 60529  |
| 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                    | 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                                 |