



### 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  |
| Mounting mode                                       | By screws<br>By clips   |
| Mounting support                                    | Rail<br>Plate   |
| Mounting position                                   | Horizontal<br>Vertical  |
| Motor power kW                                      | 1.1 kW at 400/415 V AC 50/60 Hz<br>1.5 kW at 500 V AC 50/60 Hz<br>2.2 kW at 690 V AC 50/60 Hz   |
| 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>8 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  |

Disclaimer: 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

100 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2

|   |   |
|---|---|
| Control type                                | Rotary knob   |
| [In] rated current                          | 2.5...4 A   |
| Trip unit rating                            | 2.5...4 A   |
| Magnetic tripping current                   | 51 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 | 4 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> - cable stiffness : solid<br>Screw clamp terminals 2 cable(s) 1.5...6 mm <sup>2</sup> - cable stiffness : flexible - without cable end<br>Screw clamp terminals 2 cable(s) 1...4 mm <sup>2</sup> - cable stiffness : 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                             | NF C 63-650<br>VDE 0660<br>IEC 60947-2<br>VDE 0113<br>IEC 60947-4-1<br>CSA C22.2<br>NF C 63-120<br>IEC 60947-1<br>UL 508<br>EN 60204<br>NF C 79-130 |
| Product certifications                | ATEX<br>CCC<br>DNV<br>EAC<br>LROS<br>EZU<br>UL 508 type E<br>GL<br>CSA<br>TSE<br>RINA<br>BV<br>UL   |
| 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<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">Product environmental</a>  |
| Product end of life instructions | Need no specific recycling operations   |

### Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|