



### 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 clips<br>By screws                                                                                                                                                                                                                                                                                              |
| Mounting support                                    | Plate<br>Rail                                                                                                                                                                                                                                                                                                      |
| Mounting position                                   | Horizontal<br>Vertical                                                                                                                                                                                                                                                                                             |
| Motor power kW                                      | 3 kW at 400/415 V AC 50/60 Hz<br>5 kW at 500 V AC 50/60 Hz<br>5.5 kW at 690 V AC 50/60 Hz                                                                                                                                                                                                                          |
| Breaking capacity                                   | 50 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>6 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                                                                                   |

|                                             |                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                             | 100 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2                                                                                                                                                                                                                                              |
| Control type                                | Rotary knob                                                                                                                                                                                                                                                                                           |
| [In] rated current                          | 6...10 A                                                                                                                                                                                                                                                                                              |
| Trip unit rating                            | 6...10 A                                                                                                                                                                                                                                                                                              |
| Magnetic tripping current                   | 138 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 | 10 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                             | 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 |
|--------------------------|-----------------------|

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|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                 |
| <b>Contractual warranty</b>      |                                                                                                                                       |
| Warranty period                  | 18 months                                                                                                                             |