



Product availability: Stock - Normally stocked in distribution facility



### Main

|                                                     |                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Commercial Status                                   | Commercialised                                                                                                                                                                                                                                                                                                             |
| Range of product                                    | TeSys GV2                                                                                                                                                                                                                                                                                                                  |
| Device short name                                   | GV2P                                                                                                                                                                                                                                                                                                                       |
| 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<br>AC-3 conforming to IEC 60947-4-1                                                                                                                                                                                                                                                   |
| Network frequency                                   | 50/60 Hz conforming to IEC 60947-4-1                                                                                                                                                                                                                                                                                       |
| Breaking capacity                                   | Icu = 100 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu = 50 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu = 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu = 10 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu = 4 kA 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>50 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2<br>75 % at 500 V AC 50/60 Hz conforming to IEC 60947-2<br>75 % at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>100 % at 690 V AC 50/60 Hz conforming to IEC 60947-2                                  |
| Thermal protection adjustment range                 | 20...25 A                                                                                                                                                                                                                                                                                                                  |
| Trip unit technology                                | Thermal-magnetic                                                                                                                                                                                                                                                                                                           |
| Magnetic tripping current                           | 327 A                                                                                                                                                                                                                                                                                                                      |

### Complementary

|                                             |                                                              |
|---------------------------------------------|--------------------------------------------------------------|
| Mounting mode                               | By clips<br>By screws                                        |
| Mounting support                            | Plate<br>Rail                                                |
| Mounting position                           | Horizontal<br>Vertical                                       |
| Motor power kW                              | 15 kW at 500 V AC 50/60 Hz<br>11 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                  |
| [Ith] conventional free air thermal current | 25 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) 0...0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> ) - cable stiffness : flexible<br>- with cable end<br>Screw clamp terminals 2 cable(s) 0...0.01 in <sup>2</sup> (1.5...6 mm <sup>2</sup> ) - cable stiffness : flexible - without cable end<br>Screw clamp terminals 2 cable(s) 0...0.01 in <sup>2</sup> (1...6 mm <sup>2</sup> ) - cable stiffness : solid |
| Tightening torque         | 15.04 lbf.in (1.7 N.m) - on screw clamp terminals                                                                                                                                                                                                                                                                                                                                            |
| Mechanical robustness     | Shocks 30 Gn for 11 ms conforming to IEC 60068-2-27<br>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 conforming to IEC 60947-4-1                                                                                                                                                                                                                                                                                                                                                              |
| Height                    | 3.5 in (89 mm)                                                                                                                                                                                                                                                                                                                                                                               |
| Width                     | 1.77 in (45 mm)                                                                                                                                                                                                                                                                                                                                                                              |
| Depth                     | 3.82 in (97 mm)                                                                                                                                                                                                                                                                                                                                                                              |
| Product weight            | 0.77 lb(US) (0.35 kg)                                                                                                                                                                                                                                                                                                                                                                        |

## 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>GOST<br>RINA<br>TSE<br>UL<br>UL 508 type E<br>LROS                                                  |
| Protective treatment                  | TH                                                                                                                                                  |
| IP degree of protection               | IP20 conforming to IEC 60529                                                                                                                        |
| IK degree of protection               | IK04                                                                                                                                                |
| Ambient air temperature for operation | -4...140 °F (-20...60 °C)                                                                                                                           |
| Ambient air temperature for storage   | -40...176 °F (-40...80 °C)                                                                                                                          |
| Fire resistance                       | 1760 °F (960 °C) conforming to IEC 60695-2-1                                                                                                        |
| Operating altitude                    | 6561.68 ft (2000 m)                                                                                                                                 |

## Ordering and shipping details

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Category              | 22367 - MANUAL STR PROTECTOR - GV2                |
| Discount Schedule     | I11                                               |
| GTIN                  | 00785901832973                                    |
| Nbr. of units in pkg. | 1                                                 |
| Package weight(Lbs)   | 0.81                                              |
| Product availability  | Stock - Normally stocked in distribution facility |
| Returnability         | Y                                                 |
| Country of origin     | FR                                                |

### Offer Sustainability

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                 |
| RoHS                             | Compliant - since 0631 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold                                     |
| Product environmental profile    | Available                                                                             |
| Product end of life instructions | Need no specific recycling operations                                                 |

### Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|