



Product availability : Stock - Normally stocked in distribution facility



### Main

|                           |                  |
|---------------------------|------------------|
| Range                     | TeSys            |
| Product name              | TeSys GV2        |
| Device short name         | GV2ME            |
| 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                                    | Rail   |
| Mounting position                                   | Vertical<br>Horizontal   |
| Motor power kW                                      | 15 kW at 690 V AC 50/60 Hz<br>9 kW at 500 V AC 50/60 Hz<br>7.5 kW at 400/415 V AC 50/60 Hz   |
| Breaking capacity                                   | 3 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2<br>15 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2<br>8 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>6 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 |
| [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>50 % at 440 V AC 50/60 Hz conforming to IEC 60947-2   |

75 % at 500 V AC 50/60 Hz conforming to IEC 60947-2  
75 % at 690 V AC 50/60 Hz conforming to IEC 60947-2

|   |   |
|---|---|
| Control type                                | Push-button   |
| [In] rated current                          | 13...18 A   |
| Trip unit rating                            | 13...18 A   |
| Magnetic tripping current                   | 223 A   |
| System 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 | 18 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 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...6 mm <sup>2</sup> ) - cable stiffness : solid<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...4 mm <sup>2</sup> ) - cable stiffness : flexible - with cable end |
| Tightening torque                           | 15.04 lbf.in (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                                      | 3.5 in (89 mm)  |
| Width                                       | 1.77 in (45 mm)   |
| Depth                                       | 3.08 in (78.2 mm)   |
| Product weight                              | 0.57 lb(US) (0.26 kg)   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | EN 60204<br>VDE 0660<br>NF C 79-130<br>IEC 60947-1<br>NF C 63-120<br>CSA C22.2<br>UL 508<br>IEC 60947-2<br>IEC 60947-4-1<br>VDE 0113<br>NF C 63-650 |
| Product certifications                | UL<br>LROS (Lloyds register of shipping)<br>TSE<br>ATEX<br>CCC<br>RINA<br>BV<br>SETI<br>EAC<br>CEBEC<br>DNV<br>EZU<br>CSA<br>GL                     |
| 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                  | 00785901211990                     |
| Nbr. of units in pkg. | 1                                  |
| Package weight(Lbs)   | 0.64000000000000001                |
| Returnability         | Y                                  |
| Country of origin     | TH                                 |

### 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   |
| Product end of life instructions | Need no specific recycling operations   |

### Contractual warranty

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