



## Main

|                      |                  |
|----------------------|------------------|
| Range                | TeSys            |
| Product name         | TeSys GV2        |
| Device short name    | GV2ME            |
| 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   | 35 mm symmetrical DIN rail: clipped<br>Panel: screwed (with adaptor plate)  |
| Operating position                                  | Any position  |
| Motor power kW                                      | 0.37 kW at 400/415 V AC 50/60 Hz<br>0.37 kW at 500 V AC 50/60 Hz<br>0.75 kW at 690 V AC 50/60 Hz<br>0.55 kW at 400/415 V AC 50/60 Hz<br>0.55 kW at 500 V AC 50/60 Hz<br>0.75 kW at 500 V AC 50/60 Hz<br>1.1 kW at 690 V AC 50/60 Hz   |
| Breaking capacity                                   | 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 500 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 690 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 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 400/415 V AC 50/60 Hz conforming to IEC 60947-2                          |
| Control type  | Push-button   |
| [In] rated current                                  | 1.6 A   |
| Trip unit rating                                    | 1...1.6 A   |
| Magnetic tripping current                           | 22.5 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         | 1.6 A conforming to IEC 60947-4-1   |
| [Uimp] rated impulse withstand voltage              | IEC 60947-2 6 kV  |

|                            |   |
|----------------------------|---|
| Power dissipation per pole | 2.5 W   |
| Mechanical durability      | 100000 Cycles   |
| Electrical durability      | 100000 Cycles for AC-3 at 440 V   |
| Maximum 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                      | 78.5 Mm   |
| Net weight                 | 0.26 Kg   |






## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN/IEC 60947-2<br>EN/IEC 60947-4-1<br>CSA C22.2 No 60947-4-1<br>UL 60947-4-1                                     |
| Product certifications                | IECEE CB Scheme<br>UL<br>CSA<br>CCC<br>EAC<br>ATEX<br>BV<br>LROS (Lloyds register of shipping)<br>DNV-GL<br>RINA |
| 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   |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 253.9 G |
| Package 1 Height             | 4.8 Cm  |
| Package 1 width              | 8.6 Cm  |
| Package 1 Length             | 9.3 Cm  |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins       |

Contractual warranty

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|          |           |
|----------|-----------|
| Warranty | 18 months |
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Product Life Status : **Commercialised**