



Main

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|---------------------------|-------------------------|
| Range of product | TeSys GV2 |
| Range | TeSys TeSys Deca |
| Device short name | GV2ME |
| Product name | TeSys GV2 TeSys Deca |
| Product or component type | Circuit breaker |
| Device application | Motor |
| Trip unit technology | Thermal-magnetic |

Complementary

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| Poles description | 3P |
| Network type | AC |
| Utilisation category | AC-3 conforming to IEC 60947-4-1 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 Panel: screwed (with adaptor plate) |
| Operating position | Any position |
| Motor power kW | 7.5 kW at 400/415 V AC 50/60 Hz 9 kW at 500 V AC 50/60 Hz 15 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 3 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 15 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 8 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 6 kA Icu at 500 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 75 % at 690 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| Control type | Push-button |
| [In] rated current | 18 A |
| Trip unit rating | 13...18 A |
| Magnetic tripping current | 223 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 | 18 A conforming to IEC 60947-4-1 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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| [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 415 V at 415 V |
| Maximum operating rate | 25 Cyc/H |
| Rated duty | Continuous conforming to IEC 60947-4-1 |
| Tightening torque | 1.7 N.M on screw clamp terminals |
| 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 |
| Colour | Dark grey |
| Suitability for isolation | Yes conforming to IEC 60947-1 |

Environment

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|---------------------------------------|---|
| Standards | EN/IEC 60947-2 EN/IEC 60947-4-1 |
| Product certifications | CCC UL CSA EAC ATEX BV LROS (Lloyds register of shipping) UKCA DNV-GL RINA |
| Climatic withstand | Conforming to IACS E10 |
| IK degree of protection | IK04 |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Ambient air temperature for storage | -40...80 °C |
| Fire resistance | 960 °C conforming to IEC 60695-2-1 |
| Operating altitude | 2000 m |
| Ambient air temperature for operation | -20...60 °C |

Packing Units

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|------------------------------|------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 283.0 G |
| Package 1 Height | 4.5 Cm |
| Package 1 width | 8.5 Cm |
| Package 1 Length | 9.5 Cm |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 24 |
| Package 2 Weight | 7.044 Kg |
| Package 2 Height | 15 Cm |
| Package 2 width | 30 Cm |
| Package 2 Length | 40 Cm |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 384 |
| Package 3 Weight | 120.704 Kg |
| Package 3 Height | 75 Cm |
| Package 3 width | 80 Cm |
| Package 3 Length | 60 Cm |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| 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**