



Main

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| Range of product | TeSys GV5 |
| Range | TeSys |
| Device short name | GV5P |
| Product name | TeSys GV5 TeSys Giga |
| Product or component type | Motor circuit breaker |
| Device application | Motor protection |
| Trip unit technology | Electronic |

Complementary

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| Poles description | 3P |
| Utilisation category | Category A conforming to IEC 60947-2 |
| Motor power kW | 55...75 kW at 400/415 V AC 50/60 Hz 75...90 kW at 500 V AC 50/60 Hz 90...110 kW at 660/690 V AC 50/60 Hz |
| Breaking capacity | 70 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 10 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service short-circuit breaking capacity | 100 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 |
| Control type | Direct rotary handle |
| [In] rated current | 150 A at 65 °C |
| Magnetic tripping current | 2250 A |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| [Ui] rated insulation voltage | 800 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ith] conventional free air thermal current | 150 A conforming to IEC 60947-4-1 |
| [Uimp] rated impulse withstand voltage | 8 kV |
| Power dissipation per pole | 9.2 W |
| Mechanical durability | 40000 cycles |
| Electrical durability | 20000 cycles for AC-3 at 400/415 V In |
| Maximum operating rate | 25 cyc/h |
| Rated duty | Continuous |
| Connection pitch | 35 mm without spreaders |
| Connections - terminals | Bars Lugs |
| Tightening torque | 15 N.m M8 screw type |
| Mechanical robustness | Vibrations: +/- 1 mm 2...13.2 Hz conforming to IEC 60068-2-6 Vibrations: 0.7 gn 13.2...100 Hz conforming to IEC 60068-2-6 |
| Phase failure sensitivity | Yes conforming to IEC 60947-4-1 |
| Height | 161 mm |
| Width | 105 mm |
| Depth | 155 mm |
| Net weight | 2.4 kg |
| Colour | Anthracite (RAL 7016) |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2 |

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.

Environment

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| Standards | EN/IEC 60947-1 EN/IEC 60947-2 EN/IEC 60947-4-1 UL 60947-4-1 CSA C22.2 No 60947-4-1 |
| Product certifications | IECEE CB Scheme[RETURN]EAC (pending) |
| Climatic withstand | Conforming to IACS E10 |
| IK degree of protection | IK07 conforming to IEC 62262 |
| IP degree of protection | IP40 conforming to IEC 60529 |
| Ambient air temperature for storage | -50...85 °C |
| Fire resistance | 960 °C conforming to IEC 60695-2-11 |
| Operating altitude | 5000 m |
| Ambient air temperature for operation | -25...70 °C |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 18.1 cm |
| Package 1 Width | 11.2 cm |
| Package 1 Length | 18.1 cm |
| Package 1 Weight | 2.192 kg |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 40.0 cm |
| Package 2 Length | 60.0 cm |
| Package 2 Weight | 13.9 kg |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| 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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