

GV7RE25

TeSys GV7 - circuit breaker - 3P - AC-3 - 15...25 A - thermal-magnetic

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 626.00 USD



Main

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|---|---|
| Commercial Status | Commercialised |
| Range | TeSys |
| Product name | TeSys GV7 |
| Device short name | GV7R |
| Product or component type | Circuit breaker |
| Device application | Motor |
| Poles description | 3P |
| Network type | AC |
| Utilisation category | AC-3 conforming to IEC 60947-4-1 |
| Network frequency | 50/60 Hz conforming to IEC 60947-4-1 |
| Breaking capacity | 85 kA Icu at 230...240 V AC 50/60 Hz conforming to IEC 60947-2 8 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 18 kA Icu at 500 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 60947-2 100 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 230...240 V AC 50/60 Hz conforming to IEC 60947-2 |
| Trip unit rating | 15...25 A (-25...70 °C) |
| Trip unit technology | Thermal-magnetic |

Complementary

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| Mounting mode | By clips By screws |
| Mounting support | Flush Panel mounting Rail Kit for fixing the switchgear |
| Mounting position | Vertical |
| Motor power kW | 18.5 kW at 660/690 V AC 50/60 Hz 15 kW at 500 V AC 50/60 Hz 11 kW at 400/415 V AC 50/60 Hz 9 kW at 400/415 V AC 50/60 Hz 15 kW at 660/690 V AC 50/60 Hz 11 kW at 500 V AC 50/60 Hz |
| Control type | Rocker lever |
| System Voltage | 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ui] rated insulation voltage | 750 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ith] conventional free air thermal current | 12...100 A conforming to IEC 60947-4-1 |
| [Uimp] rated impulse withstand voltage | 8 kV conforming to IEC 60947-2 |
| Power dissipation | 5 W |

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|----------------------------|---|
| Power dissipation per pole | 5 W |
| Mechanical durability | 50000 cycles |
| Electrical durability | 50000 cycles AC-3 at 440 V In/2 30000 cycles AC-3 at 440 V In |
| Operating rate | 25 cyc/h |
| Rated duty | Continuous conforming to IEC 60947-4-1 |
| Connection pitch | 1.77 in (45 mm) with spreaders 1.38 in (35 mm) without spreaders |
| Connections - terminals | Bare cable connectors 1.5...95 mm ² Screw Cable with lug - external diameter : 10 mm Bars |
| Tightening torque | 15 N.m - on bare cable connectors- cable 1.5...95 mm ² 10 N.m - on screw - screw M6 |
| Mechanical robustness | Vibrations 2.5 Gn, 0...25 Hz conforming to IEC 60068-2-6 Shocks 15 Gn for 11 ms conforming to IEC 60068-2-27 |
| Suitability for isolation | Yes conforming to IEC 60947-1 |
| Phase failure sensitivity | Yes conforming to IEC 60947-4-1 § 7-2-1-5-2 |
| Height | 4.92 in (125 mm) |
| Width | 4.13 in (105 mm) |
| Depth | 4.37 in (111 mm) |
| Product weight | 4.43 lb(US) (2.01 kg) |

Environment

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|---------------------------------------|---|
| Standards | EN/IEC 60947-1 EN/IEC 60947-2 EN/IEC 60947-4-1 NF C 63-120 NF C 63-650 NF C 79-130 VDE 0113 VDE 0660 |
| Product certifications | CCC DNV UL |
| Protective treatment | TC |
| IP degree of protection | IP405 with terminal shrouds conforming to IEC 60529 |
| Pollution degree | 3 |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C) |
| Ambient air temperature for storage | -67...203 °F (-55...95 °C) |
| Fire resistance | 1760 °F (960 °C) conforming to IEC 60695-2-1 |
| Operating altitude | 6561.68 ft (2000 m) |

Ordering and shipping details

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| Category | 22366 - MAN STR PROTECTORS-GV1/GV3 |
| Discount Schedule | I11 |
| GTIN | 00785901957355 |
| Nbr. of units in pkg. | 1 |
| Product availability | Non-Stock - Not normally stocked in distribution facility |
| Returnability | N |
| Country of origin | CN |

Contractual warranty

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| Warranty period | 18 months |
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