

GV2RT16

Motor circuit breaker, TeSys
Deca, 3P, 9-14A, thermal magnetic, screw clamp
terminals, toggle handle



Main

| | |
|---------------------------|---------------------------|
| Range | TeSys Deca |
| Product name | TeSys GV2 |
| Product or component type | Motor circuit breaker |
| Device short name | GV2RT |
| Device application | Motor protection Motor |
| Trip unit technology | Thermal-magnetic |

Complementary

| | |
|---|---|
| Poles description | 3P |
| Network type | AC |
| Utilisation category | Category A conforming to IEC 60947-2 AC-3 conforming to IEC 60947-4-1 AC-3e conforming to IEC 60947-4-1 |
| Network frequency | 50/60 Hz conforming to IEC 60947-4-1 |
| Motor power kW | 2.2 kW at 220/230 V AC 50/60 Hz motor protection high peak current 3 kW at 220/230 V AC 50/60 Hz motor protection high peak current 5.5 kW at 400/415 V AC 50/60 Hz motor protection high peak current 5.5 kW at 440 V AC 50/60 Hz motor protection high peak current 7.5 kW at 440 V AC 50/60 Hz motor protection high peak current 7.5 kW at 500 V AC 50/60 Hz motor protection high peak current 9 kW at 690 V AC 50/60 Hz motor protection high peak current 11 kW at 690 V AC 50/60 Hz motor protection high peak current 4 kW at 230/240 V AC 50/60 Hz transformer protection 6.3 kW at 400/415 V AC 50/60 Hz transformer protection 6.3 kW at 440 V AC 50/60 Hz transformer protection 10 kW at 690 V AC 50/60 Hz transformer protection 12.5 kW at 690 V AC 50/60 Hz transformer protection |
| Breaking capacity | 100 kA Icu at 220/230 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 3 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| Control type | Toggle |
| [In] rated current | 14 A |
| Thermal protection adjustment range | 9...14 A conforming to IEC 60947-4-1 |
| Magnetic tripping current | 280 A |
| [Ith] conventional free air thermal current | 14 A conforming to IEC 60947-4-1 |
| [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 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-2 |
| Suitability for isolation | Yes conforming to IEC 60947-1 |
| Power dissipation per pole | 2.5 W |
| Mechanical durability | 100000 cycles |
| Electrical durability | 100000 Cycles for AC-3 at 415 V In 100000 cycles for AC-3e at 415 V In |
| Rated duty | Continuous conforming to IEC 60947-4-1 |

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|-------------------|--|
| Tightening torque | 1.7 N.m - on screw clamp terminal |
| Fixing mode | 35 mm symmetrical DIN rail: clipped Panel: screwed (with adaptor plate) |
| Mounting position | Horizontal Vertical |
| Width | 45 mm |
| Height | 89 mm |
| Depth | 78.5 mm |

Environment

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|---------------------------------------|---|
| Standards | EN/IEC 60947-2 EN/IEC 60947-4-1 |
| Product certifications | CCC[RETURN]JUL[RETURN]CSA[RETURN]EAC[RETURN]LROS (Lloyds register of shipping)[RETURN]JBV[RETURN]UKCA |
| IK degree of protection | IK04 |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Climatic withstand | Conforming to IACS E10 |
| Ambient air temperature for storage | -40...80 °C |
| Fire resistance | 960 °C conforming to IEC 60695-2-11 |
| Ambient air temperature for operation | -20...60 °C |
| Mechanical robustness | Shocks: 30 Gn for 11 ms Vibrations: 5 Gn, 5...150 Hz |
| Operating altitude | 2000 m |

Packing Units

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|------------------------------|------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 9.300 cm |
| Package 1 Width | 4.800 cm |
| Package 1 Length | 8.500 cm |
| Package 1 Weight | 283.900 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 24 |
| Package 2 Height | 15.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 7.148 kg |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 384 |
| Package 3 Height | 75.000 cm |
| Package 3 Width | 60.000 cm |
| Package 3 Length | 80.000 cm |
| Package 3 Weight | 125.988 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 |
| Sustainable packaging | 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

Warranty

18 months
