



Main

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| Range of product | TeSys GB2 |
| Device short name | GB2 |
| Product or component type | Circuit breaker |
| Circuit breaker application | Control circuit |
| Poles description | 2P |
| Network type | AC DC |
| Utilisation category | DC-13 conforming to IEC 60947-5-1 DC-12 conforming to IEC 60947-5-1 Category A conforming to IEC 60947-2 |
| Network frequency | 50/60 Hz conforming to IEC 60947-2 |
| Breaking capacity | I _{cu} = 3 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 I _{cu} = 3 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 I _{cu} = 1.5 kA at 24 V DC conforming to IEC 60947-2 I _{cu} = 6 kA at 110 V AC 50/60 Hz conforming to IEC 60947-2 I _{cu} = 1 kA at 48 V DC conforming to IEC 60947-2 |
| [I _{cs}] rated service short-circuit breaking capacity | 50 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 110 V AC 50/60 Hz conforming to IEC 60947-2 |
| Trip unit technology | Thermal-magnetic |
| Magnetic tripping current | 50 A |

Complementary

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| Mounting mode | By clips |
| Mounting support | Plate Rail |
| Mounting position | Horizontal Vertical |
| Control type | Toggle |
| [I _n] rated current | 4 A |
| [U _e] rated operational voltage | 277 V AC 50/60 Hz conforming to CSA C22.2 No 14 277 V AC 50/60 Hz conforming to UL 1077 415 V AC 50/60 Hz conforming to IEC 60947-2 |
| [U _{imp}] rated impulse withstand voltage | 4 kV conforming to IEC 60947-2 |
| Power dissipation per pole | 2 W |
| Mechanical durability | 8000 cycles |
| Electrical durability | 8000 cycles |
| Connections - terminals | Connector 2 cable(s) 0.75...2.5 mm ² - cable stiffness : flexible - with cable end Connector 1 cable(s) 0.75...4 mm ² - cable stiffness : flexible - with cable end Connector 2 cable(s) 0.75...4 mm ² - cable stiffness : solid - without cable end Connector 1 cable(s) 0.75...6 mm ² - cable stiffness : solid - without cable end |
| Tightening torque | 1.2 N.m - on connector |
| Mechanical robustness | Vibrations 5 Gn, 5...110 Hz conforming to IEC 60068-2-6 Shocks 22 Gn for 20 ms conforming to IEC 60068-2-27 |
| Quantity per set | Set of 3 |
| Height | 74 mm |

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| Width | 30 mm |
| Depth | 70 mm |
| Product weight | 0.115 kg |

Environment

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| Standards | EN 60947-1 EN 60947-2 IEC 60947-1 IEC 60947-2 |
| Protective treatment | TC |
| IP degree of protection | IP20 conforming to IEC 60529 |
| 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 | 3000 m |

Contractual warranty

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| Period | 18 months |
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