

Product availability: Stock - Normally stocked in distribution facility



Main

| | |
|--|--|
| Range | TeSys |
| Product name | TeSys GB2 |
| Device short name | GB2 |
| Product or component type | Circuit breaker |
| Device application | Control |
| Poles description | 1P |
| Network type | AC/DC |
| Utilisation category | Category A conforming to IEC 60947-2 DC-12 conforming to IEC 60947-5-1 DC-13 conforming to IEC 60947-5-1 |
| Network frequency | 50/60 Hz conforming to IEC 60947-2 |
| Breaking capacity | I _{cu} = 1 kA at 48 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} = 1.5 kA at 24 V DC conforming to IEC 60947-2 I _{cu} = 3 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 |
| [I _{cs}] rated service short-circuit breaking capacity | 50 % at 110 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 |
| Trip unit technology | Thermal-magnetic |
| Magnetic tripping current | 52 A |

Complementary

| | |
|---|---|
| Mounting mode | By clips |
| Mounting support | Plate Rail |
| Mounting position | Horizontal Vertical |
| Control type | Toggle |
| [I _n] rated current | 4 A |
| System Voltage | 277 V AC 50/60 Hz conforming to CSA C22.2 No 14 48 V DC 250 V AC 50/60 Hz conforming to IEC 60947-2 277 V AC 50/60 Hz conforming to UL 1077 |
| [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 1 cable(s) 0...0.01 in ² (0.75...6 mm ²) - cable stiffness : solid - without cable end cable end Connector 2 cable(s) 0...0.01 in ² (0.75...4 mm ²) - cable stiffness : solid - without cable end cable end Connector 1 cable(s) 0...0.01 in ² (0.75...4 mm ²) - cable stiffness : flexible - with cable end cable end Connector 2 cable(s) 0...0 in ² (0.75...2.5 mm ²) - cable stiffness : flexible - with cable end cable end |
| Tightening torque | 10.62 lbf.in (1.2 N.m) - on connector |
| Mechanical robustness | Shocks 22 Gn for 20 ms conforming to IEC 60068-2-27 Vibrations 5 Gn, 5...110 Hz conforming to IEC 60068-2-6 |

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| | |
|------------------|-----------------|
| Quantity per set | Set of 6 |
| 9 mm pitches | 2 |
| Height | 2.91 in (74 mm) |
| Width | 0.59 in (15 mm) |
| Depth | 2.64 in (67 mm) |

Environment

| | |
|---------------------------------------|--|
| Standards | EN 60947-1 EN 60947-2 IEC 60947-1 IEC 60947-2 |
| Product certifications | CSA NEMKO UL |
| Protective treatment | TC |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Ambient air temperature for operation | -4...140 °F (-20...60 °C) |
| Ambient air temperature for storage | -40...176 °F (-40...80 °C) |
| Fire resistance | 1760 °F (960 °C) conforming to IEC 60695-2-1 |
| Operating altitude | 9842.52 ft (3000 m) |

Ordering and shipping details

| | |
|-----------------------|------------------------------------|
| Category | 22631 - TELE CIRCUIT BREAKER (GB2) |
| Discount Schedule | I |
| GTIN | 00785901214687 |
| Nbr. of units in pkg. | 6 |
| Package weight(Lbs) | 0.12 |
| Returnability | Y |
| Country of origin | FR |

Offer Sustainability

| | |
|----------------------------------|--|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0627 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference contains SVHC above the threshold - Go to CaP for more details- Go to CaP for more details |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |
| California proposition 65 | WARNING: Cancer - www.P65Warnings.ca.gov |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

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