

Product availability: Non-Stock - Not 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<br>DC-12 conforming to IEC 60947-5-1<br>DC-13 conforming to IEC 60947-5-1  |
| Network frequency  | 50/60 Hz conforming to IEC 60947-2  |
| Breaking capacity  | I <sub>cu</sub> = 2 kA at 110 V AC 50/60 Hz conforming to IEC 60947-2<br>I <sub>cu</sub> = 1.5 kA at 24 V DC conforming to IEC 60947-2<br>I <sub>cu</sub> = 1.5 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 |
| [I <sub>cs</sub> ] rated service short-circuit breaking capacity | 75 % at 110 V AC 50/60 Hz conforming to IEC 60947-2<br>75 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2  |
| Trip unit technology   | Thermal-magnetic  |
| Magnetic tripping current  | 270 A   |

### Complementary

|   |   |
|---|---|
| Mounting mode                                       | By clips  |
| Mounting support                                    | Rail<br>Plate   |
| Mounting position                                   | Horizontal<br>Vertical  |
| Control type  | Toggle  |
| [I <sub>n</sub> ] rated current                     | 20 A  |
| System Voltage                                      | 277 V AC 50/60 Hz conforming to CSA C22.2 No 14<br>48 V DC<br>250 V AC 50/60 Hz conforming to IEC 60947-2<br>277 V AC 50/60 Hz conforming to UL 1077  |
| [U <sub>imp</sub> ] 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 <sup>2</sup> (0.75...6 mm <sup>2</sup> ) - cable stiffness : solid - without cable end cable end<br>Connector 2 cable(s) 0...0.01 in <sup>2</sup> (0.75...4 mm <sup>2</sup> ) - cable stiffness : solid - without cable end cable end<br>Connector 1 cable(s) 0...0.01 in <sup>2</sup> (0.75...4 mm <sup>2</sup> ) - cable stiffness : flexible - with cable end cable end<br>Connector 2 cable(s) 0...0 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> ) - 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<br>Vibrations 5 Gn, 5...110 Hz conforming to IEC 60068-2-6  |
| 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 60947-2<br>EN 60947-1<br>IEC 60947-1<br>IEC 60947-2 |
| Product certifications                | UL<br>CSA<br>NEMKO                                     |
| 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                  | 00785901612322                     |
| Nbr. of units in pkg. | 6                                  |
| Package weight(Lbs)   | 0.02                               |
| Returnability         | N                                  |
| Country of origin     | FR                                 |

## Offer Sustainability

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

## Contractual warranty

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

# Mouser Electronics

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