



Price\* : 43.60 USD



### 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 IEC 60947-2<br>DC-12 IEC 60947-5-1<br>DC-13 IEC 60947-5-1   |
| Network frequency  | 50/60 Hz IEC 60947-2   |
| Breaking capacity  | 50 kA I <sub>cu</sub> 110 V AC 50/60 Hz IEC 60947-2<br>50 kA I <sub>cu</sub> 230/240 V AC 50/60 Hz IEC 60947-2<br>1.5 kA I <sub>cu</sub> 24 V DC IEC 60947-2<br>1 kA I <sub>cu</sub> 48 V DC IEC 60947-2 |
| [I <sub>cs</sub> ] rated service short-circuit breaking capacity | 100 % 110 V AC 50/60 Hz IEC 60947-2<br>25 % 230/240 V AC 50/60 Hz IEC 60947-2  |
| Trip unit technology   | Thermal-magnetic   |
| Magnetic tripping current  | 6.6 A  |

### Complementary

|                   |                        |
|-------------------|------------------------|
| Mounting mode     | By clips               |
| Mounting support  | Plate<br>Rail          |
| Mounting position | Horizontal<br>Vertical |
| Control type      | Toggle                 |

\* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

|  |  |
|--|--|
| Line Rated Current                     | 0.5 A  |
| [Ue] rated operational voltage         | 250 V AC 50/60 Hz IEC 60947-2<br>277 V AC 60 Hz CSA C22.2 No 235<br>277 V AC 60 Hz UL 1077<br>48 V DC  |
| [Uimp] rated impulse withstand voltage | 4 kV IEC 60947-2   |
| Power dissipation per pole             | 2 W  |
| Mechanical durability                  | 8000 cycles  |
| Electrical durability                  | 8000 cycles  |
| Connections - terminals                | connector 1 0.00...0.01 in <sup>2</sup> (0.75...6 mm <sup>2</sup> )solid without cable end<br>connector 2 0.00...0.01 in <sup>2</sup> (0.75...4 mm <sup>2</sup> )solid without cable end<br>connector 1 0.00...0.01 in <sup>2</sup> (0.75...4 mm <sup>2</sup> )flexible with cable end<br>connector 2 0.00...0.00 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> )flexible with cable end |
| Tightening torque                      | 10.62 lbf.in (1.2 N.m) connector   |
| Mechanical robustness                  | Shocks 22 Gn for 20 ms IEC 60068-2-27<br>Vibrations 5 Gn, 5...110 Hz 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/IEC 60947-1<br>EN/IEC 60947-2<br>CSA C22.2 No 235<br>UL 1077 |
| Product certifications                | UL<br>CSA   |
| Protective treatment                  | TC  |
| IP degree of protection               | IP20 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) 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                  | 03389110214673                     |
| Nbr. of units in pkg. | 1                                  |
| Package weight(Lbs)   | 1.90 oz (54 g)                     |
| Returnability         | Yes                                |
| Country of origin     | FR                                 |

## Packing Units

|                              |                  |
|------------------------------|------------------|
| Unit Type of Package 1       | PCE              |
| Package 1 Height             | 3.15 in (8 cm)   |
| Package 1 width              | 3.15 in (8 cm)   |
| Package 1 Length             | 3.94 in (10 cm)  |
| Unit Type of Package 2       | BB1              |
| Number of Units in Package 2 | 6                |
| Package 2 Weight             | 11.43 oz (324 g) |
| Package 2 Height             | 3.15 in (8 cm)   |
| Package 2 width              | 3.31 in (8.4 cm) |

|                              |                        |
|------------------------------|------------------------|
| Package 2 Length             | 3.78 in (9.6 cm)       |
| Unit Type of Package 3       | S02                    |
| Number of Units in Package 3 | 72                     |
| Package 3 Weight             | 9.29 lb(US) (4.212 kg) |
| Package 3 Height             | 5.91 in (15 cm)        |
| Package 3 width              | 11.81 in (30 cm)       |
| Package 3 Length             | 15.75 in (40 cm)       |

### Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| California proposition 65  | WARNING: Cancer - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>   |
| REACH Regulation           | <a href="#">REACH Declaration</a>  |
| REACH free of SVHC         | Yes  |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>   |
| Toxic heavy metal free     | Yes  |
| Mercury free               | Yes  |
| RoHS exemption information | <a href="#">Yes</a>  |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>  |
| 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 |
|----------|-----------|