



## 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                                   | 3 KA Icu 110 V AC 50/60 Hz IEC 60947-2<br>1.5 KA Icu 230/240 V AC 50/60 Hz IEC 60947-2<br>1.5 KA Icu 24 V DC IEC 60947-2<br>1 kA Icu 48 V DC IEC 60947-2 |
| [Ics] rated service short-circuit breaking capacity | 75 % 110 V AC 50/60 Hz IEC 60947-2<br>75 % 230/240 V AC 50/60 Hz IEC 60947-2                                                                             |
| Trip unit technology                                | Thermal-magnetic                                                                                                                                         |
| Magnetic tripping current                           | 108 A                                                                                                                                                    |

## Complementary

|                                        |                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting mode                          | By clips                                                                                                                                                                                                                                                                                                                                                                               |
| Mounting support                       | Plate<br>Rail                                                                                                                                                                                                                                                                                                                                                                          |
| Mounting position                      | Vertical<br>Horizontal                                                                                                                                                                                                                                                                                                                                                                 |
| Control type                           | Toggle                                                                                                                                                                                                                                                                                                                                                                                 |
| Line Rated Current                     | 8 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                                                                                                                                                                                                                                                                                                                                                                                      |
| Maximum Height                         | 2.91 in (74 mm)                                                                                                                                                                                                                                                                                                                                                                        |
| Maximum Width                          | 0.59 in (15 mm)                                                                                                                                                                                                                                                                                                                                                                        |
| Maximum 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                  | 00785901214649                     |
| Nbr. of units in pkg. | 6                                  |
| Package weight(Lbs)   | 0.11 lb(US) (0.05 kg)              |
| Returnability         | Yes                                |
| Country of origin     | FR                                 |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 0.59 in (1.5 cm)       |
| Package 1 width              | 2.91 in (7.4 cm)       |
| Package 1 Length             | 2.68 in (6.8 cm)       |
| Unit Type of Package 2       | BB1                    |
| Number of Units in Package 2 | 6                      |
| Package 2 Weight             | 11.85 oz (336 g)       |
| Package 2 Height             | 3.39 in (8.6 cm)       |
| Package 2 width              | 3.94 in (10 cm)        |
| Package 2 Length             | 3.15 in (8 cm)         |
| Unit Type of Package 3       | S02                    |
| Number of Units in Package 3 | 72                     |
| Package 3 Weight             | 9.73 lb(US) (4.415 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: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide which is known to the State of California to cause Carcinogen harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> |
| REACH free of SVHC         | Yes                                                                                                                                                                                                                                                               |
| EU RoHS Directive          | Compliant <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>                                                                                                                                                                                                                            |
| 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 |
|----------|-----------|