### Main

<table>
<thead>
<tr>
<th>Range</th>
<th>TeSys</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>TeSys GB2</td>
</tr>
<tr>
<td>Device short name</td>
<td>GB2</td>
</tr>
<tr>
<td>Product or Component Type</td>
<td>Circuit breaker</td>
</tr>
<tr>
<td>Device Application</td>
<td>Control</td>
</tr>
<tr>
<td>Poles description</td>
<td>1P + N</td>
</tr>
<tr>
<td>Network type</td>
<td>AC/DC</td>
</tr>
<tr>
<td>Utilisation category</td>
<td>Category A IEC 60947-2, DC-12 IEC 60947-5-1, DC-13 IEC 60947-5-1</td>
</tr>
<tr>
<td>Network frequency</td>
<td>50/60 Hz IEC 60947-2</td>
</tr>
<tr>
<td>Breaking capacity</td>
<td>2 kA Icu 110 V AC 50/60 Hz IEC 60947-2, 1.5 kA Icu 230/240 V AC 50/60 Hz IEC 60947-2, 1.5 kA Icu 24 V DC IEC 60947-2</td>
</tr>
<tr>
<td>[Ics] rated service short-circuit breaking capacity</td>
<td>75 % 110 V AC 50/60 Hz IEC 60947-2, 75 % 230/240 V AC 50/60 Hz IEC 60947-2</td>
</tr>
<tr>
<td>Trip unit technology</td>
<td>Thermal-magnetic</td>
</tr>
<tr>
<td>Magnetic tripping current</td>
<td>138 A</td>
</tr>
</tbody>
</table>

### Complementary

<table>
<thead>
<tr>
<th>Mounting Mode</th>
<th>By clips</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting Support</td>
<td>Plate, Rail</td>
</tr>
<tr>
<td>Mounting position</td>
<td>Horizontal, Vertical</td>
</tr>
<tr>
<td>Control type</td>
<td>Toggle</td>
</tr>
<tr>
<td>Line Rated Current</td>
<td>10 A</td>
</tr>
<tr>
<td>[Ue] rated operational voltage</td>
<td>250 V AC 50/60 Hz IEC 60947-2, 277 V AC 60 Hz CSA C22.2 No 235, 277 V AC 60 Hz UL 1077, 48 V DC</td>
</tr>
<tr>
<td>[Uimp] rated impulse withstand voltage</td>
<td>4 kV IEC 60947-2</td>
</tr>
<tr>
<td>Power dissipation per pole</td>
<td>2 W</td>
</tr>
</tbody>
</table>

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.
### Mechanical durability
8000 cycles

### Electrical durability
8000 cycles

### Connections - terminals
- connector 1: 0.00…0.01 in² (0.75…6 mm²) solid without cable end
- connector 2: 0.00…0.01 in² (0.75…4 mm²) solid without cable end
- connector 1: 0.00…0.01 in² (0.75…4 mm²) flexible with cable end
- connector 2: 0.00…0.00 in² (0.75…2.5 mm²) 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
- Vibrations: 5 Gn, 5…110 Hz IEC 60068-2-6

### Quantity per Set
Set of 6

### 9 mm pitches
- Height: 2.91 in (74 mm)
- Width: 0.59 in (15 mm)
- Depth: 2.64 in (67 mm)

### Net Weight
- 0.15 lb(US) (0.07 kg)

### Environment
- **Standards**
  - EN/IEC 60947-1
  - EN/IEC 60947-2
  - CSA C22.2 No 235
  - UL 1077
- **Product Certifications**
  - UL
  - 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**
  - 3389110214956
- **Returnability**
  - Yes
- **Country of origin**
  - FR

### Packing Units
- **Unit Type of Package 1**
  - PCE
- **Number of Units in Package 1**
  - 1
- **Package 1 Height**
  - 0.59 in (1.5 cm)
- **Package 1 Width**
  - 2.68 in (6.8 cm)
- **Package 1 Length**
  - 2.87 in (7.3 cm)
- **Package 1 Weight**
  - 2.12 oz (60 g)
- **Unit Type of Package 2**
  - BB1
- **Number of Units in Package 2**
  - 6
- **Package 2 Height**
  - 3.15 in (8 cm)
Package 2 Width 3.35 in (8.5 cm)
Package 2 Length 3.62 in (9.2 cm)
Package 2 Weight 13.51 oz (383 g)
Unit Type of Package 3 S02
Number of Units in Package 3 72
Package 3 Height 5.91 in (15 cm)
Package 3 Width 11.81 in (30 cm)
Package 3 Length 15.75 in (40 cm)
Package 3 Weight 10.81 lb(US) (4.904 kg)

Offer Sustainability

Sustainable offer status Green Premium product
California proposition 65 WARNING: Cancer - www.P65Warnings.ca.gov
REACh Regulation REACh Declaration
REACh free of SVHC Yes
EU RoHS Directive Compliant
EU RoHS Declaration
Toxic heavy metal free Yes
Mercury free Yes
China RoHS Regulation China RoHS declaration
Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information Yes
Environmental Disclosure Product Environmental Profile
Circularity Profile No need of specific recycling operations
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

Recommended replacement(s)