

### 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 DC-12 IEC 60947-5-1 DC-13 IEC 60947-5-1
Network frequency	50/60 Hz IEC 60947-2
Breaking capacity	10 KA Icu 110 V AC 50/60 Hz IEC 60947-2 3 KA Icu 230/240 V AC 50/60 Hz IEC 60947-2 1.5 KA Icu 24 V DC IEC 60947-2 1 kA Icu 48 V DC IEC 60947-2
[Ics] rated service short-circuit breaking capacity	50 % 110 V AC 50/60 Hz IEC 60947-2 50 % 230/240 V AC 50/60 Hz IEC 60947-2
Trip unit technology	Thermal-magnetic
Magnetic tripping current	40 A

### Complementary

Mounting Mode	By clips
Mounting Support	Plate Rail
Mounting position	Vertical Horizontal
Control Type	Toggle
Line Rated Current	3 A
[U <sub>e</sub> ] rated operational voltage	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
[U <sub>imp</sub> ] 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 0.001...0.009 in <sup>2</sup> (0.75...6 mm <sup>2</sup> )solid without cable end Connector 2 0.001...0.006 in <sup>2</sup> (0.75...4 mm <sup>2</sup> )solid without cable end Connector 1 0.001...0.006 in <sup>2</sup> (0.75...4 mm <sup>2</sup> )flexible with cable end Connector 2 0.001...0.004 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> )flexible with cable end
Tightening torque	10.6 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	2
Height	2.9 in (74 mm)
Width	0.6 in (15 mm)
Depth	2.6 in (67 mm)

## Environment

Standards	EN/IEC 60947-1 EN/IEC 60947-2 CSA C22.2 No 235 UL 1077
Product Certifications	UL[RETURN]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	US1000I22631
Discount Schedule	000I
GTIN	3389110214628
Returnability	Yes
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.15 in (8.000 cm)
Package 1 Width	3.94 in (10.000 cm)
Package 1 Length	3.15 in (8.000 cm)
Package 1 Weight	1.799 oz (51.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	3.15 in (8.000 cm)
Package 2 Width	3.94 in (10.000 cm)
Package 2 Length	3.15 in (8.000 cm)
Package 2 Weight	11.640 oz (330.000 g)
Unit Type of Package 3	S02
Number of Units in Package 3	72
Package 3 Height	5.91 in (15.000 cm)
Package 3 Width	11.81 in (30.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	9.365 lb(US) (4.248 kg)

## Offer Sustainability

Packaging without single use plastic	Yes
Packaging made with recycled cardboard	Yes
California proposition 65	WARNING: Cancer - www.P65Warnings.ca.gov
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	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>

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.
Take-back	No

### Contractual warranty

Warranty	18 months
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