

Product data sheet

Specifications



TeSys GB2 thermal magnetic circuit protector, 1 P, 1 A, Id = 6 A

GB2CS06

⚠ Discontinued

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 230/240 V AC 50/60 Hz IEC 60947-2
[Ics] rated service short-circuit breaking capacity	25 % 230/240 V AC 50/60 Hz IEC 60947-2
Trip unit technology	Thermal-magnetic
Magnetic tripping current	6 A

Complementary

Mounting Mode	By clips
Mounting Support	Rail Plate
Mounting position	Vertical Horizontal
Control Type	Toggle
Line Rated Current	1 A
[Ue] rated operational voltage	250 V AC 50/60 Hz IEC 60947-2 48 V DC
[Uimp] rated impulse withstand voltage	4 kV IEC 60947-2
Power dissipation per pole	1.9 W
Mechanical durability	8000 cycles
Electrical durability	8000 cycles
Connections - terminals	connector 1 0.001...0.009 in² (0.75...6 mm²)solid without cable end connector 2 0.001...0.006 in² (0.75...4 mm²)solid without cable end connector 1 0.001...0.006 in² (0.75...4 mm²)flexible with cable end connector 2 0.001...0.004 in² (0.75...2.5 mm²)flexible with cable end

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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)
Net Weight	0.121 lb(US) (0.055 kg)

Environment

Standards	EN/IEC 60947-1 EN/IEC 60947-2
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	3389110724844
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	0.591 in (1.500 cm)
Package 1 Width	2.913 in (7.400 cm)
Package 1 Length	2.913 in (7.400 cm)
Package weight(Lbs)	1.101 oz (31.200 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	3.346 in (8.500 cm)
Package 2 Width	3.228 in (8.200 cm)
Package 2 Length	3.937 in (10.000 cm)
Package 2 Weight	11.711 oz (332.000 g)
Unit Type of Package 3	S01
Number of Units in Package 3	24

Package 3 Height	5.906 in (15.000 cm)
Package 3 Width	5.906 in (15.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	3.325 lb(US) (1.508 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	0.4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	2 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	REACH Declaration
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 cancer. For more information go to www.P65Warnings.ca.gov
Halogen content performance	Halogen free plastic parts product
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	36
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.