

TeSys GB2 thermal magnetic circuit protector, 1 P, 0.5 A, Id = 3.3 A

GB2CS05

Product availability: Non-Stock - Not normally stocked in distribution facility

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	50 kA lcu 110 V AC 50/60 Hz IEC 60947-2 50 kA lcu 230/240 V AC 50/60 Hz IEC 60947-2 1.5 kA lcu 24 V DC IEC 60947-2 1 kA lcu 48 V DC IEC 60947-2	
[Ics] rated service short-circuit breaking capacity	100 % 110 V AC 50/60 Hz IEC 60947-2 25 % 230/240 V AC 50/60 Hz IEC 60947-2	
Trip unit technology	Thermal-magnetic	
Magnetic tripping current	3.3 A	

Complementary

Mounting Mode	By clips
Mounting Support	Plate Rail
Mounting position	Vertical Horizontal
Control Type	Toggle
Line Rated Current	0.5 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

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

Connections - terminals	connector 1 0.0010.009 in² (0.756 mm²)solid without cable end connector 2 0.0010.006 in² (0.754 mm²)solid without cable end connector 1 0.0010.006 in² (0.754 mm²)flexible with cable end connector 2 0.0010.004 in² (0.752.5 mm²)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, 5110 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	тс
IP degree of protection	IP20 IEC 60529
Ambient air temperature for operation	-4140 °F (-2060 °C)
Ambient Air Temperature for Storage	-40176 °F (-4080 °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	0001
GTIN	3389110431612
Returnability	No
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 (1.500 cm)
Package 1 Width	2.87 in (7.300 cm)
Package 1 Length	2.91 in (7.400 cm)
Package 1 Weight	1.834 oz (52.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	3.23 in (8.200 cm)
Package 2 Width	3.23 in (8.200 cm)
Package 2 Length	3.82 in (9.700 cm)
Package 2 Weight	11.711 oz (332.000 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	9.409 lb(US) (4.268 kg)

Contractual warranty

Warranty 18 months



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	
Carbon footprint (kg CO2 eq, Total Life cycle)	3
Environmental Disclosure	Product Environmental Profile

Use Better

Recycled metal content at CR level	0
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

Use Again

○ Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.