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TECHNOLOGY GROUP

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Artisan Technology Group
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Product data sheet
Characteristics

GB2CB07
TeSys GB2 thermal magnetic circuit protector, 1 P, 2 A, Id = 26 A



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	15 KA Icu 110 V AC 50/60 Hz IEC 60947-2 15 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	25 % 230/240 V AC 50/60 Hz IEC 60947-2 50 % 110 V AC 50/60 Hz IEC 60947-2
Trip unit technology	Thermal-magnetic
Magnetic tripping current	26 A

Complementary

Mounting Mode	By clips
Mounting Support	Rail Plate
Mounting position	Horizontal Vertical
Control Type	Toggle
Line Rated Current	2 A
[Ue] 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
[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 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	2
Height	2.91 in (74 mm)
Width	0.59 in (15 mm)
Depth	2.64 in (67 mm)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
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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	3389110214611
Nbr. of units in pkg.	1
Package weight(Lbs)	1.87 oz (53.0 g)
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	2.68 in (6.8 cm)
Package 1 Length	2.91 in (7.4 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Weight	11.89 oz (337.0 g)
Package 2 Height	3.15 in (8 cm)
Package 2 width	3.23 in (8.2 cm)
Package 2 Length	3.82 in (9.7 cm)
Unit Type of Package 3	S02
Number of Units in Package 3	72
Package 3 Weight	9.62 lb(US) (4.364 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: 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
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
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

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