

# GB2CD10

## TeSys GB2 - thermal-magnetic circuit breaker - 1P + N - 5 A - Id = 66 A

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



### Main

Commercial Status	Commercialised
Range of product	TeSys GB2
Device short name	GB2
Product or component type	Circuit breaker
Circuit breaker application	Control circuit
Poles description	1P + N
Network type	AC DC
Utilisation category	DC-13 conforming to IEC 60947-5-1 DC-12 conforming to IEC 60947-5-1 Category A conforming to IEC 60947-2
Network frequency	50/60 Hz conforming to IEC 60947-2
Breaking capacity	Icu = 2 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 1.5 kA at 24 V DC conforming to IEC 60947-2 Icu = 3 kA at 110 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 1 kA at 48 V DC conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	75 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 110 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit technology	Thermal-magnetic
Magnetic tripping current	66 A

### Complementary

Mounting mode	By clips
Mounting support	Plate Rail
Mounting position	Horizontal Vertical
Control type	Toggle
[In] rated current	5 A
[Ue] rated operational voltage	48 V DC 250 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60947-2
Power dissipation per pole	2 W
Mechanical durability	8000 cycles
Electrical durability	8000 cycles
Connections - terminals	Connector 2 cable(s) 0...0 in <sup>2</sup> (0.75...2.5 mm <sup>2</sup> ) - cable stiffness : flexible - with cable end Connector 1 cable(s) 0...0.01 in <sup>2</sup> (0.75...4 mm <sup>2</sup> ) - cable stiffness : flexible - with cable end Connector 2 cable(s) 0...0.01 in <sup>2</sup> (0.75...4 mm <sup>2</sup> ) - cable stiffness : solid - without cable end Connector 1 cable(s) 0...0.01 in <sup>2</sup> (0.75...6 mm <sup>2</sup> ) - cable stiffness : solid - without cable end
Tightening torque	10.62 lbf.in (1.2 N.m) - on connector
Mechanical robustness	Vibrations 5 Gn, 5...110 Hz conforming to IEC 60068-2-6 Shocks 22 Gn for 20 ms conforming to IEC 60068-2-27
Quantity per set	Set of 6
Height	2.91 in (74 mm)

Width	0.59 in (15 mm)
Depth	2.64 in (67 mm)
Product weight	0.15 lb(US) (0.07 kg)

## Environment

Standards	EN 60947-1 EN 60947-2 IEC 60947-1 IEC 60947-2
Product certifications	NEMKO UL
Protective treatment	TC
IP degree of protection	IP20 conforming to 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) conforming to 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	00785901150961
Nbr. of units in pkg.	6
Package weight(Lbs)	0.02
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

## Contractual warranty

Period	18 months
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