



Product availability: Stock - 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 conforming to IEC 60947-2 DC-12 conforming to IEC 60947-5-1 DC-13 conforming to IEC 60947-5-1
Network frequency	50/60 Hz conforming to IEC 60947-2
Breaking capacity	I _{cu} = 1 kA at 48 V DC conforming to IEC 60947-2 I _{cu} = 10 kA at 110 V AC 50/60 Hz conforming to IEC 60947-2 I _{cu} = 1.5 kA at 24 V DC conforming to IEC 60947-2 I _{cu} = 3 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2
[I _{cs}] rated service short-circuit breaking capacity	50 % at 110 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit technology	Thermal-magnetic
Magnetic tripping current	40 A

Complementary

Mounting mode	By clips
Mounting support	Plate Rail
Mounting position	Horizontal Vertical
Control type	Toggle
[I _n] rated current	3 A
System Voltage	277 V AC 50/60 Hz conforming to CSA C22.2 No 14 48 V DC 250 V AC 50/60 Hz conforming to IEC 60947-2 277 V AC 50/60 Hz conforming to UL 1077
[U _{imp}] 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 1 cable(s) 0...0.01 in ² (0.75...6 mm ²) - cable stiffness : solid - without cable end cable end Connector 2 cable(s) 0...0.01 in ² (0.75...4 mm ²) - cable stiffness : solid - without cable end cable end Connector 1 cable(s) 0...0.01 in ² (0.75...4 mm ²) - cable stiffness : flexible - with cable end cable end Connector 2 cable(s) 0...0 in ² (0.75...2.5 mm ²) - cable stiffness : flexible - with cable end cable end
Tightening torque	10.62 lbf.in (1.2 N.m) - on connector
Mechanical robustness	Shocks 22 Gn for 20 ms conforming to IEC 60068-2-27 Vibrations 5 Gn, 5...110 Hz conforming to IEC 60068-2-6

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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)

Environment

Standards	EN 60947-1 EN 60947-2 IEC 60947-1 IEC 60947-2
Product certifications	CSA 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	00785901214625
Nbr. of units in pkg.	6
Package weight(Lbs)	0.12
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold - Go to CaP for more details- Go to CaP for more details
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: Cancer - www.P65Warnings.ca.gov

Contractual warranty

Warranty period	18 months
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