

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 + N
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} = 3 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} = 1.5 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2
[I _{cs}] rated service short-circuit breaking capacity	75 % at 110 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit technology	Thermal-magnetic
Magnetic tripping current	108 A

Complementary

Mounting mode	By clips
Mounting support	Rail Plate
Mounting position	Horizontal Vertical
Control type	Toggle
[I _n] rated current	8 A
System Voltage	48 V DC 250 V AC 50/60 Hz conforming to IEC 60947-2
[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
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)
Product weight	0.15 lb(US) (0.07 kg)

Environment

Standards	IEC 60947-2 EN 60947-1 EN 60947-2 IEC 60947-1
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	00785901400479
Nbr. of units in pkg.	6
Package weight(Lbs)	0.02
Returnability	N
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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