



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 + 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} = 50 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 I _{cu} = 1 kA at 48 V DC conforming to IEC 60947-2 I _{cu} = 50 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 _{cs}] rated service short-circuit breaking capacity	50 % at 110 V AC 50/60 Hz conforming to IEC 60947-2 25 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit technology	Thermal-magnetic
Magnetic tripping current	14 A

Complementary

Mounting mode	By clips
Mounting support	Rail Plate
Mounting position	Vertical Horizontal
Control type	Toggle
[I _n] rated current	1 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	00785901146926
Nbr. of units in pkg.	6
Package weight(Lbs)	0.13
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
-----------------	-----------

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Circuit Breakers](#) category:

Click to view products by [Schneider](#) manufacturer:

Other Similar products are found below :

[LUGZX66-1-61-20.0-44](#) [M39019/01-201S](#) [M39019/01-221](#) [M39019/01-323](#) [M39019/01-333](#) [M39019/01-336](#) [M39019/02-248](#) [M39019/02-311](#) [M39019/02-316](#) [M39019/04-249S](#) [M39019/05-246S](#) [M39019/06-254S](#) [M55629/1-016](#) [M55629/1-018](#) [M55629/1-021](#) [M55629/1-033](#) [M55629/1-036](#) [M55629/1-046](#) [M55629/1-048](#) [M55629/1-058](#) [M55629/1-067](#) [M55629/1-070](#) [M55629/1-079](#) [M55629/1-084](#) [M55629/1-085](#) [M55629/1-101](#) [M55629/1-109](#) [M55629/11-102](#) [M55629/1-120](#) [M55629/12-045](#) [M55629/12-046](#) [M55629/1-330](#) [M55629/1-366](#) [M55629/1-387](#) [M55629/1-401](#) [M55629/1-450](#) [M55629/2-022](#) [M55629/2-030](#) [M55629/2-072](#) [M55629/2-082](#) [M55629/2-099](#) [M55629/2-101](#) [M55629/2-102](#) [M55629/21-BM-BM](#) [M55629/21-HM-HM](#) [M55629/21-NS-NS](#) [M55629/22-NR-NR-NR](#) [M55629/22-RS-RS-RS](#) [M55629/2-347](#) [M55629/2-401](#)