Specifications





Circuit breaker, TeSys GB2, 1P+N, 16A, Icu 1.5kA at 240V, Thermal magnetic, DIN rail mounted

GB2CD21

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	2 kA Icu at 110 V AC 50/60 Hz conforming to IEC 60947-2 1.5 kA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 1.5 kA Icu at 24 V DC conforming to IEC 60947-2
[lcs] 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	220 A

Complementary

mounting mode	By clips
mounting support	Rail Plate
Mounting position	Vertical Horizontal
Control type	Toggle
[In] rated current	16 A
[Ue] rated operational voltage	250 V AC 50/60 Hz conforming to IEC 60947-2 277 V AC 60 Hz conforming to CSA C22.2 No 235 277 V AC 60 Hz conforming to UL 1077 48 V DC
[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 1 cable(s) 0.756 mm ² solid without cable end Connector 2 cable(s) 0.754 mm ² solid without cable end Connector 1 cable(s) 0.754 mm ² flexible with cable end Connector 2 cable(s) 0.752.5 mm ² flexible with cable end	
Tightening torque	1.2 N.m on connector	
Mechanical robustness	Shocks: 22 Gn for 20 ms conforming to IEC 60068-2-27 Vibrations: 5 Gn, 5110 Hz conforming to IEC 60068-2-6	
Quantity per set	Set of 6	
9 mm pitches	2	
Height	74 mm	
Width	15 mm	
Depth	67 mm	
net weight	0.07 kg	

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 conforming to IEC 60529
Ambient air temperature for operation	-2060 °C
ambient air temperature for storage	-4080 °C
Fire resistance	960 °C conforming to IEC 60695-2-1
Operating altitude	3000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.700 cm
Package 1 Width	7.500 cm
Package 1 Length	7.500 cm
Package 1 Weight	61.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.700 cm
Package 2 Width	8.200 cm
Package 2 Length	9.800 cm
Package 2 Weight	388.000 g
Unit Type of Package 3	\$02
Number of Units in Package 3	72
Package 3 Height	15.000 cm
Package 3 Width	30.000 cm

 Package 3 Length
 40.000 cm

 Package 3 Weight
 4.939 kg

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc
 Toxic Heavy Metal Free
 Mercury Free
 Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
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
Circularity Profile	No need of specific recycling operations