

Product datasheet

Specifications



Thermal magnetic circuit breaker, TeSys GB2, 2P, 2 A, Icu 15 kA@415 V

Local distributor code:

386186826

GB2DB07

EAN Code: 3389110865424

Main

Range	TeSys
Product name	TeSys GB2
Device short name	GB2
product or component type	Circuit breaker
Device application	Control
poles description	2P
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	15 kA Icu at 110 V AC 50/60 Hz conforming to IEC 60947-2 15 kA Icu at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 15 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 1.5 kA Icu at 24 V DC conforming to IEC 60947-2 1 kA Icu at 48 V DC conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	25 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 110 V AC 50/60 Hz conforming to IEC 60947-2 25 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit technology	Thermal-magnetic
Magnetic tripping current	26 A

Complementary

mounting mode	By clips
mounting support	Rail Plate
Mounting position	Vertical Horizontal
Control type	Toggle
[In] rated current	2 A
[Ue] rated operational voltage	415 V AC 50/60 Hz conforming to IEC 60947-2 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) 0.75...6 mm ² solid without cable end Connector 2 cable(s) 0.75...4 mm ² solid without cable end Connector 1 cable(s) 0.75...4 mm ² flexible with cable end Connector 2 cable(s) 0.75...2.5 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, 5...110 Hz conforming to IEC 60068-2-6
Quantity per set	Set of 3
9 mm pitches	4
Height	74 mm
Width	30 mm
Depth	70 mm
net weight	0.115 kg

Environment

Standards	EN/IEC 60947-1 EN/IEC 60947-2
Protective treatment	TC
IP degree of protection	IP20 conforming to IEC 60529
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...80 °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	8.000 cm
Package 1 Width	9.700 cm
Package 1 Length	8.500 cm
Package 1 Weight	113.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	8.200 cm
Package 2 Width	8.100 cm
Package 2 Length	9.800 cm
Package 2 Weight	339.000 g
Unit Type of Package 3	S02
Number of Units in Package 3	36
Package 3 Height	15.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	4.352 kg

Contractual warranty

Warranty

18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class 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