

Product datasheet

Specifications



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

GB2DB07

Price: 1,605.12 ZAR

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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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	8.000 cm
Package 2 Width	9.700 cm
Package 2 Length	8.500 cm
Package 2 Weight	343.000 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	4.433 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