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Find the *Schneider Electric / Telemecanique GB2-DB07* at our website: *Click HERE*

Product data sheet
Characteristics

GB2DB07
TeSys GB2 - thermal-magnetic circuit breaker - 2P - 2 A - Id = 26 A



Main

Range of product	TeSys GB2
Device short name	GB2
Product or component type	Circuit breaker
Circuit breaker application	Control circuit
Poles description	2P
Network type	AC DC
Utilisation category	DC-13 conforming to IEC 60947-5-1 DC-12 conforming to IEC 60947-5-1 Category A conforming to IEC 60947-2
Network frequency	50/60 Hz conforming to IEC 60947-2
Breaking capacity	Icu = 15 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 15 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 1.5 kA at 24 V DC conforming to IEC 60947-2 Icu = 15 kA at 110 V AC 50/60 Hz conforming to IEC 60947-2 Icu = 1 kA at 48 V DC conforming to IEC 60947-2
[Ics] rated service short-circuit breaking capacity	25 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 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
Trip unit technology	Thermal-magnetic
Magnetic tripping current	26 A

Complementary

Mounting mode	By clips
Mounting support	Plate Rail
Mounting position	Horizontal Vertical
Control type	Toggle
[In] rated current	2 A
[Ue] rated operational voltage	277 V AC 50/60 Hz conforming to UL 1077 277 V AC 50/60 Hz conforming to CSA C22-2 No 14 415 V AC 50/60 Hz conforming to IEC 60947-2
[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 2 cable(s) 0.75...2.5 mm² - cable stiffness : flexible - with cable end Connector 1 cable(s) 0.75...4 mm² - cable stiffness : flexible - with cable end Connector 2 cable(s) 0.75...4 mm² - cable stiffness : solid - without cable end Connector 1 cable(s) 0.75...6 mm² - cable stiffness : solid - without cable end
Tightening torque	1.2 N.m - on connector
Mechanical robustness	Vibrations 5 Gn, 5...110 Hz conforming to IEC 60068-2-6 Shocks 22 Gn for 20 ms conforming to IEC 60068-2-27
Quantity per set	Set of 3
Height	74 mm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
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Width	30 mm
Depth	70 mm
Product weight	0.115 kg

Environment

Standards	EN 60947-1 EN 60947-2 IEC 60947-1 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

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