Product data sheet
Characteristics

MX9R3106
Clipsal MAX9, Residual Current Breaker with Overcurrent Protection (RCBO), 1PN, 6 A, 30mA, C Curve, 6000A, A Type, SLIM

Main

Range	MAX9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Poles description	1P + N
Number of protected poles	1
[In] rated current	6 A at 30 °C conforming to AS/NZS 61009.1
Network type	AC
Network frequency	50/60 Hz
[Ue] rated operational voltage	240 V AC 50/60 Hz
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection class	Type A

Complementary

Earth-leakage protection time delay	Instantaneous
Breaking capacity	6000 A Icn at 240 V AC 50/60 Hz
Limitation class	3
[Ui] rated insulation voltage	440 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	4 kV
9 mm pitches	2
Height	93 mm
Width	18 mm
Depth	73 mm
Net weight	136 g
Connections - terminals	Tunnel type terminal - 1...16 mm² - rigid Tunnel type terminal - 1...10 mm² - flexible
Comb busbar and distribution block compatibility	YES

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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Temperature derating table	-25 °C (7.5 A) -20 °C (7.4 A) -15 °C (7.3 A) -10 °C (7.1 A) -5 °C (7 A) 0 °C (6.9 A) 5 °C (6.7 A) 10 °C (6.6 A) 15 °C (6.5 A) 20 °C (6.3 A) 25 °C (6.2 A) 30 °C (6 A) 35 °C (5.8 A) 40 °C (5.7 A) 45 °C (5.5 A) 50 °C (5.3 A) 55 °C (5.2 A) 60 °C (5 A) 65 °C (4.8 A) 70 °C (4.6 A)
Grid distance	45 mm

Environment

Standards	IEC 61009-2-2 EN/IEC 61009-1 AS/NZS 61009.1
Quality labels	RCM
IP degree of protection	IP20
Pollution degree	2
Overvoltage category	III
Ambient air temperature for operation	-25…70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.7 cm
Package 1 Width	9.8 cm
Package 1 Length	2.1 cm
Package 1 Weight	136 g

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
Sustainable packaging	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations

Contractual warranty

Warranty	7-year