Product datasheet

Specifications

||CLIPSAL

Clipsal MAX9, Residual Current Circuit Breaker (RCCB), 2P, 40A, 30mA, A Type

MX9RC240

Main

Range	MAX9
Product Or Component Type	Residual current circuit breaker (RCCB)
Poles Description	2P
[In] Rated Current	40 A conforming to AS/NZS 61008.1
Network Type	AC
Network Frequency	50 Hz
Earth-Leakage Sensitivity	30 mA
[Ue] Rated Operational Voltage	240 V

Complementary

Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type A
Rated Breaking And Making Capacity	Im 500 A at 240 V AC 50 Hz conforming to AS/NZS 61008.1
Rated Conditional Short-Circuit Current	MAX9 MCB: Inc 6 kA 40 A
[Ui] Rated Insulation Voltage	440 V AC 50 Hz conforming to AS/NZS 61008.1
[Uimp] Rated Impulse Withstand Voltage	4 kV
Surge Current	250 A
Control Type	Toggle
Local Signalling	ON/OFF indication
Mounting Mode	Clip-on
Mounting Support	DIN rail
Standards	IEC 61008-2-1 EN/IEC 61008-1
Quality Labels	RCM
9 Mm Pitches	4
Height	85 mm
Width	36 mm
Depth	75 mm
Net Weight	210 g
Colour	White (RAL 9003)
Mechanical Durability	10000 cycles

Electrical Durability	4000 cycles AC 50 Hz
Connections - Terminals	Tunnel type terminals (top or bottom)
Wire Stripping Length	14 mm for top or bottom connection
Tightening Torque	3.5 N.m top or bottom
Temperature Derating Table	40 °C (40 A) 45 °C (37.5 A) 50 °C (35 A) 55 °C (32.5 A) 60 °C (30 A) 65 °C (27.5 A) 70 °C (25 A)
Grid Distance	35 mm

Environment

Ip Degree Of Protection	IP20
Pollution Degree	2
Overvoltage Category	III
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-25…70 °C
Ambient Air Temperature For Storage	-40…85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8 cm
Package 1 Width	9 cm
Package 1 Length	4 cm
Package 1 Weight	214 g

Contractual warranty

Warranty	7-year

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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 ›

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

China Rohs Regulation   China RoHS declaration

Product out of China RoHS scope. Substance declaration for your information