

Product datasheet

Specifications

CLIPSAL



Miniature Circuit-Breaker (MCB), MAX9, 1P, 2A, C Curve, 6000A, 240/415V, Distribution

MX9MC102

Main

Range	MAX9
Product or component type	Miniature circuit-breaker
Device application	Distribution
Poles description	1P
Number of protected poles	1
[In] rated current	2 A at 30 °C
network type	AC
Network frequency	50/60 Hz
[Ue] rated operational voltage	240 V AC 50/60 Hz
Curve code	C
Magnetic tripping limit	5...10 x In
Colour	White (RAL 9003)

Complementary

Breaking capacity	6000 A Icn at 240 V AC 50/60 Hz conforming to AS/NZS 60898
[Ics] rated service breaking capacity	6000 A 100 % - 240 V AC 50/60 Hz
Limitation class	3
[Uimp] rated impulse withstand voltage	4 kV
[Ui] rated insulation voltage	500 V
Suitability for isolation	Yes
Contact position indicator	Yes
control type	Toggle
Local signalling	ON/OFF indication
9 mm pitches	2
Height	85 mm
Width	18 mm
Embedding depth	44 mm
Depth	75 mm
Product weight	125 g
Mechanical durability	20000 cycles
Electrical durability	10000 cycles 240 V

Heat dissipation	1.9 W
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminals (top or bottom) 1...16 mm ² flexible Tunnel type terminals (top or bottom) 1...25 mm ² rigid
Wire stripping length	14 mm for top or bottom connection
Tightening torque	2 N.m
Grid distance	45 mm

Environment

Quality labels	RCM
IP degree of protection	IP20
Pollution degree	2
overvoltage category	III
Tropicalisation	Severity B conforming to IEC 60068-2-30
Relative humidity	95 % at 55 °C
Operating altitude	0...2000 m
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Temperature derating table	70 °C (1.59 A) 65 °C (1.65 A) 60 °C (1.71 A) 55 °C (1.76 A) 50 °C (1.81 A) 45 °C (1.86 A) 40 °C (1.91 A) 35 °C (1.95 A) 30 °C (2 A) 25 °C (2.04 A) 20 °C (2.09 A) 15 °C (2.13 A) 10 °C (2.17 A) 5 °C (2.22 A) 0 °C (2.26 A) -5 °C (2.3 A) -10 °C (2.34 A) -15 °C (2.37 A) -20 °C (2.41 A) -25 °C (2.45 A)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.2 cm
Package 1 Width	8.5 cm
Package 1 Length	1.8 cm
Package 1 Weight	106.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8 cm
Package 2 Width	22 cm
Package 2 Length	9.85 cm

Package 2 Weight 1.364 kg

Contractual warranty

Warranty 7-year


Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.


[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	26ff71d1-98cf-4280-8725-455b9a6b2fb9
REACH Regulation	REACH Declaration
China RoHS Regulation	China RoHS declaration

Use Again

 Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No