

Product datasheet

Specifications



Clipsal MAX9, Miniature Circuit-Breaker (MCB), 1P, 50A, C Curve, 6000A, 240/415V, Distribution

MX9MC150

Main

Range	MAX9
Product Or Component Type	Miniature circuit-breaker
Device Application	Distribution
Poles Description	1P
Number Of Protected Poles	1
[In] Rated Current	50 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
Net Weight	125 g
Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles 240 V

Heat Dissipation	4 W
Provision For Padlocking	Padlockable
Connections - Terminals	Tunnel type terminals (top or bottom) 1...25 mm ² flexible Tunnel type terminals (top or bottom) 1...35 mm ² rigid
Wire Stripping Length	14 mm for top or bottom connection
Tightening Torque	3.5 N.m
Grid Distance	65 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	-25 °C (59.9 A) -20 °C (59.1 A) -15 °C (58.2 A) -10 °C (57.4 A) -5 °C (56.5 A) 0 °C (55.6 A) 5 °C (54.7 A) 10 °C (53.8 A) 15 °C (52.9 A) 20 °C (52 A) 25 °C (51 A) 30 °C (50 A) 35 °C (49 A) 40 °C (48 A) 45 °C (46.9 A) 50 °C (45.9 A) 55 °C (44.8 A) 60 °C (43.6 A) 65 °C (42.5 A) 70 °C (41.3 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	119.0 g

Contractual warranty

Warranty	7-year
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Sustainability

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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.


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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

 **Rohs Exemption Information** [Yes](#)

Certifications & Standards

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
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations