

# Product datasheet

Specifications



## Clipsal MAX9, Miniature Circuit-Breaker (MCB), 3P, 10A, C Curve, 6000A, 415V, Distribution

MX9MC310

### Main

Range	MAX9
Product Or Component Type	Miniature circuit-breaker
Device Application	Distribution
Poles Description	3P
Number Of Protected Poles	3
[In] Rated Current	10 A at 30 °C 10.0 A at 30 °C
Network Type	AC
Network Frequency	50/60 Hz
[Ue] Rated Operational Voltage	415 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 415 V AC 50/60 Hz conforming to AS/NZS 60898
[Ics] Rated Service Breaking Capacity	6000 A 100 % - 415 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	6
Height	85 mm
Width	54 mm
Embedding Depth	44 mm
Depth	75 mm
Net Weight	375 g
Mechanical Durability	20000 cycles

<b>Electrical Durability</b>	10000 cycles 240 V
<b>Heat Dissipation</b>	2 W
<b>Provision For Padlocking</b>	Padlockable
<b>Connections - Terminals</b>	Tunnel type terminals (top or bottom) 1...16 mm <sup>2</sup> flexible Tunnel type terminals (top or bottom) 1...25 mm <sup>2</sup> rigid
<b>Wire Stripping Length</b>	14 mm for top or bottom connection
<b>Tightening Torque</b>	2 N.m
<b>Grid Distance</b>	45 mm

## Environment

<b>Quality Labels</b>	RCM
<b>Ip Degree Of Protection</b>	IP20
<b>Pollution Degree</b>	2
<b>Overvoltage Category</b>	III
<b>Tropicalisation</b>	Severity B conforming to IEC 60068-2-30
<b>Relative Humidity</b>	95 % at 55 °C
<b>Operating Altitude</b>	0...2000 m
<b>Ambient Air Temperature For Operation</b>	-25...70 °C
<b>Ambient Air Temperature For Storage</b>	-40...85 °C
<b>Temperature Derating Table</b>	-25 °C ( 11.9 A ) -20 °C ( 11.8 A ) -15 °C ( 11.6 A ) -10 °C ( 11.4 A ) -5 °C ( 11.3 A ) 0 °C ( 11.1 A ) 5 °C ( 10.9 A ) 10 °C ( 10.8 A ) 15 °C ( 10.6 A ) 20 °C ( 10.4 A ) 25 °C ( 10.2 A ) 30 °C ( 10 A ) 35 °C ( 9.8 A ) 40 °C ( 9.6 A ) 45 °C ( 9.4 A ) 50 °C ( 9.2 A ) 55 °C ( 9 A ) 60 °C ( 8.8 A ) 65 °C ( 8.5 A ) 70 °C ( 8.3 A )

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	7.4 cm
<b>Package 1 Width</b>	8.5 cm
<b>Package 1 Length</b>	5.3 cm
<b>Package 1 Weight</b>	307.0 g

## Contractual warranty

<b>Warranty</b>	7-year
-----------------	--------

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**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 >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

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