Product datasheet

Specifications

II CLIPSAL

Green Premium™

Clipsal MAX9, Miniature Circuit-Breaker (MCB), 3P, 40A, C Curve, 6000A, 415V, Distribution

MX9MC340

Main

Range	MAX9
Product Or Component Type	Miniature circuit-breaker
Device Application	Distribution
Poles Description	3P
Number Of Protected Poles	3
[In] Rated Current	40 A at 30 °C 40.0 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

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Electrical Durability	10000 cycles 240 V
Heat Dissipation	3.6 W
Provision For Padlocking	Padlockable
Connections - Terminals	Tunnel type terminals (top or bottom) 1…25 mm² flexible Tunnel type terminals (top or bottom) 1…35 mm² rigid
Wire Stripping Length	14 mm for top or bottom connection
Tightening Torque	3.5 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	-25 °C (47.4 A) -20 °C (46.7 A) -15 °C (46.1 A) -10 °C (45.5 A) -5 °C (44.8 A) 0 °C (44.2 A) 5 °C (43.5 A) 10 °C (42.8 A) 15 °C (42.1 A) 20 °C (41.4 A) 25 °C (40.7 A) 30 °C (40 A) 35 °C (39.3 A) 40 °C (38.5 A) 45 °C (37.7 A) 50 °C (37 A) 55 °C (36.2 A) 60 °C (35.3 A) 65 °C (34.5 A) 70 °C (33.6 A)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.4 cm
Package 1 Width	8.5 cm
Package 1 Length	5.3 cm
Package 1 Weight	356.0 g

Contractual warranty

Warranty	7-year

Sustainability ![Green Premium]

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_2 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