

Product datasheet

Specifications

CLIPSAL



Miniature Circuit Breaker, Max9, 1P+N, 16A, C curve, 6000A

MX9MN116

Main

Range	MAX9
Product or component type	Miniature circuit-breaker
Device application	Distribution
Poles description	1P + N
Number of protected poles	1
[In] rated current	16 A at 30 °C
Network type	CA
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	400 V
Contact position indicator	Yes
control type	Toggle
Local signalling	ON/OFF indication
Height	85 mm
Width	18 mm
Depth	71 mm
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Connections - terminals	Tunnel type terminals (top or bottom) 1...10 mm ² flexible Tunnel type terminals (top or bottom) 1...16 mm ² rigid
Wire stripping length	14 mm for top or bottom connection
Tightening torque	2 N.m

Grid distance	45 mm
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Environment

Quality labels	RCM
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IP degree of protection	IP20
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Pollution degree	2
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Relative humidity	95 % at 55 °C
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Operating altitude	0...2000 m
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Ambient air temperature for operation	-25...70 °C
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Ambient air temperature for storage	-40...85 °C
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Temperature derating table	-25 °C (19.87 A) -20 °C (19.55 A) -15 °C (19.23 A) -10 °C (18.89 A) -5 °C (18.56 A) 0 °C (18.21 A) 5 °C (17.86 A) 10 °C (17.51 A) 15 °C (17.14 A) 20 °C (16.77 A) 25 °C (16.39 A) 30 °C (16.0 A) 35 °C (15.6 A) 40 °C (15.19 A) 45 °C (14.77 A) 50 °C (14.34 A) 55 °C (13.89 A) 60 °C (13.43 A) 65 °C (13.02 A) 70 °C (12.58 A)
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	7.4 cm
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Package 1 Width	1.8 cm
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Package 1 Length	9.4 cm
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Package 1 Weight	115 g
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Unit Type of Package 2	BB1
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Number of Units in Package 2	12
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Package 2 Height	22 cm
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Package 2 Width	9.9 cm
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Package 2 Length	8.7 cm
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Package 2 Weight	1.49 kg
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Unit Type of Package 3	S03
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Number of Units in Package 3	108
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Package 3 Height	30 cm
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Package 3 Width	30 cm
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Package 3 Length	40 cm
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Package 3 Weight	13.95 kg
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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 >](#)

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) 5

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant

SCIP Number 0dbcf8b1-4732-4e36-88bc-462a078c2d4c

REACH Regulation [REACH Declaration](#)

Use Again

Repack and remanufacture

Circularity Profile No need of specific recycling operations

Take-back No

Offer Marketing Illustration

Product benefits / Features

Technical Benefits

MAX9



MAX Speed - up to 15 times faster with MAXBAR



MAX Flexibility - compatible with MAX9 PRO DBs & MAXBAR



MAX Space - active & neutral in compact 1 module



MAX Professionalism - positive contact indication



MAX Ease - active & neutral termination

Technical Illustration

Assembly's dimensions

