Product datasheet

Specifications

II CLIPSAL®

Miniature Circuit Breaker, Max9, 3P+N, 32A, C curve, 6000A

MX9MN332

Main

Range	MAX9
Product or component type	Miniature circuit-breaker
Device application	Distribution
Poles description	3P + N
Number of protected poles	3
[In] rated current	32 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	400 V
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Height	85 mm
Width	53 mm
Depth	71 mm
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Connections - terminals	Tunnel type terminals (top or bottom) 1…10 mm² flexible Tunnel type terminals (top or bottom) 1…16 mm² rigid
Wire stripping length	14 mm for top or bottom connection
Tightening torque	2 N.m

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Grid distance	45 mm

Environment

Quality labels	RCM
IP degree of protection	IP20
Pollution degree	2
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 (37.57 A) -20 °C (37.09 A) -15 °C (36.61 A) -10 °C (36.13 A) -5 °C (35.64 A) 0 °C (35.14 A) 5 °C (34.64 A) 10 °C (34.13 A) 15 °C (33.61 A) 20 °C (33.01 A) 25 °C (32.55 A) 30 °C (32.0 A) 35 °C (31.45 A) 40 °C (30.88 A) 45 °C (30.31 A) 50 °C (29.71 A) 55 °C (29.1 A) 60 °C (28.51 A) 65 °C (27.89 A) 70 °C (27.25 A)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.400 cm
Package 1 Width	5.300 cm
Package 1 Length	9.500 cm
Package 1 Weight	370.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	8.300 cm
Package 2 Width	9.600 cm
Package 2 Length	21.800 cm
Package 2 Weight	1.534 kg
Unit Type of Package 3	S03
Number of Units in Package 3	36
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	14.345 kg

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

Total lifecycle Carbon footprint	**5**

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

End of life manual availability	**No need of specific recycling operations**
Take-back	**No**

Offer Marketing Illustration

Product benefits / Features

Technical Benefits
MAX9

MAX Speed - upto 15 times faster with MAXBAR

MAX Flexibility - compatible with MAX9 PRO DBs & MAXBAR

MAX Space - active & neutral in compact 3 module

MAX Professionalism - positive contact indication

MAX Ease - active & neutral termination

Technical Illustration

Assembly's dimensions