

Product datasheet

Specifications

CLIPSAL



Residual Current Breaker with Overcurrent Protection (RCBO), MAX9, 1PN, 40A, 30mA, C Curve, 6000A, A Type, 2 MOD

MX9R3240

Main

Range	MAX9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Poles description	1P + N
Number of protected poles	1
[In] rated current	40 A at 30 °C conforming to AS/NZS 61009.1
network type	AC
Network frequency	50/60 Hz
[Ue] rated operational voltage	240 V AC 50/60 Hz
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection class	Type A

Complementary

Earth-leakage protection time delay	Instantaneous
Breaking capacity	6000 A Icn at 240 V AC 50/60 Hz
Limitation class	3
[Ui] rated insulation voltage	440 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	4 kV
9 mm pitches	4
Height	91 mm
Width	36 mm
Depth	75 mm
Product weight	268 g
Connections - terminals	Tunnel type terminal - 1...16 mm ² - rigid Tunnel type terminal - 1...10 mm ² - flexible
Comb busbar and distribution block compatibility	YES

Temperature derating table	-25 °C (47.9 A)
	-20 °C (47.2 A)
	-15 °C (46.6 A)
	-10 °C (45.9 A)
	-5 °C (45.2 A)
	0 °C (44.5 A)
	5 °C (43.8 A)
	10 °C (43 A)
	15 °C (42.3 A)
	20 °C (41.6 A)
	25 °C (40.8 A)
	30 °C (40 A)
	35 °C (39.2 A)
	40 °C (38.4 A)
	45 °C (37.6 A)
	50 °C (36.7 A)
	55 °C (35.8 A)
60 °C (34.9 A)	
65 °C (34 A)	
70 °C (33.1 A)	

Grid distance	45 mm
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Environment

Standards	IEC 61009-2-2 EN/IEC 61009-1 AS/NZS 61009.1
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Quality labels	RCM
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IP degree of protection	IP20
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Pollution degree	2
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Overvoltage category	III
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Ambient air temperature for operation	-25...70 °C
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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	8.4 cm
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Package 1 Width	4.4 cm
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Package 1 Length	10.2 cm
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Package 1 Weight	242 g
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Unit Type of Package 2	BB1
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Number of Units in Package 2	6
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Package 2 Height	8.6 cm
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Package 2 Width	24.4 cm
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Package 2 Length	10.3 cm
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Package 2 Weight	1.452 kg
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Contractual warranty

Warranty	7-year
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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) 116

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

EU RoHS Directive Compliant with Exemptions

REACH Regulation [REACH Declaration](#)

China RoHS Regulation [China RoHS declaration](#)

Use Again

Repack and remanufacture

Circularity Profile No need of specific recycling operations

Take-back No