

Product datasheet

Specifications

CLIPSAI

Green Premium™



Clipsal MAX9, Residual Current Breaker with Overcurrent Protection (RCBO), 3PN, 20A, 30mA, C Curve, 6000A, A Type, 5 MOD

MX9R3520

Main

Range	MAX9
Product Or Component Type	Residual current breaker with overcurrent protection (RCBO)
Poles Description	3P + N
Number Of Protected Poles	3
[In] Rated Current	20 A at 30 °C conforming to AS/NZS 61009.1
Network Type	AC
Network Frequency	50 Hz
[Ue] Rated Operational Voltage	415 V AC 50 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 415 V AC 50 Hz
Limitation Class	3
[Ui] Rated Insulation Voltage	440 V AC 50 Hz
[Uimp] Rated Impulse Withstand Voltage	4 kV
9 Mm Pitches	10
Height	95 mm
Width	90 mm
Depth	75 mm
Net Weight	500 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Temperature Derating Table	-25 °C (23.8 A)
	-20 °C (23.5 A)
	-15 °C (23.1 A)
	-10 °C (22.8 A)
	-5 °C (22.5 A)
	0 °C (22.1 A)
	5 °C (21.8 A)
	10 °C (21.5 A)
	15 °C (21.1 A)
	20 °C (20.7 A)
	25 °C (20.4 A)
	30 °C (20 A)
	35 °C (19.6 A)
	40 °C (19.2 A)
	45 °C (18.8 A)
	50 °C (18.4 A)
	55 °C (18 A)
60 °C (17.6 A)	
65 °C (17.2 A)	
70 °C (16.7 A)	

Grid Distance	45 mm
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Environment

Standards	IEC 61009-2-1 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	7.8 cm
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Package 1 Width	9.1 cm
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Package 1 Length	9.0 cm
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Package 1 Weight	498.0 g
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Unit Type Of Package 2	S03
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Number Of Units In Package 2	16
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Package 2 Height	30.0 cm
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Package 2 Width	30.0 cm
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Package 2 Length	40.0 cm
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Package 2 Weight	8.409 kg
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Contractual warranty

Warranty	7-year
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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-CO₂ 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