

# Product datasheet

Specifications



## Contactor, MAX9, 1 NO, 25A, Ue=240VAC, Uc=24VAC, 1 Module

MX9C212510

### Main

Range	MAX9
product or component type	Contactor
Device application	Control circuit
poles description	1P
[Ie] rated operational current	25 A AC-7A
Pole contact composition	1 NO
Network type	AC
Utilisation category	AC-7A
Control type	Remote control
[Uc] control circuit voltage	24 V AC 50 Hz

### Complementary

Network frequency	50 Hz
[Ue] rated operational voltage	240 V AC 50 Hz
Maximum power	1.3 W at 240 V AC 50 Hz
[Ui] rated insulation voltage	500 V AC 50 Hz conforming to EN 61095
[Uimp] rated impulse withstand voltage	4 kV
switching frequency	100 switching operations/day
Hold-in power consumption in VA	3.8 VA
Inrush power in VA	15 VA
mounting mode	Clip-on
mounting support	35 mm symmetrical DIN rail
Comb busbar and distribution block compatibility	NO
9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	63 mm
net weight	120 g
Colour	White (RAL 9003)
Mechanical durability	1000000 cycles
Electrical durability	100000 cycles 24 V 25 A AC 50 Hz

<b>Connections - terminals</b>	Power: tunnel type terminal1 cable(s) 1.5...4 mm <sup>2</sup> flexible Power: tunnel type terminal2 cable(s) 1.5...2.5 mm <sup>2</sup> flexible Power: tunnel type terminal1 cable(s) 1.5...6 mm <sup>2</sup> rigid Power: tunnel type terminal2 cable(s) 1.5...2.5 mm <sup>2</sup> rigid Control: tunnel type terminal1 cable(s) 0.5...4 mm <sup>2</sup> flexible Control: tunnel type terminal2 cable(s) 0.5...2.5 mm <sup>2</sup> flexible Control: tunnel type terminal1 cable(s) 0.5...6 mm <sup>2</sup> rigid Control: tunnel type terminal2 cable(s) 0.5...2.5 mm <sup>2</sup> rigid
<b>Tightening torque</b>	0.8 N.m
<b>Wire stripping length</b>	10 mm
<b>Product compatibility</b>	No auxiliary
<b>Market segment</b>	Residential
<b>Temperature derating table</b>	40 °C ( 25 A ) 50 °C ( 23.8 A ) 60 °C ( 20 A )

## Environment

<b>Quality labels</b>	RCM
<b>Noise level</b>	30 dB
<b>Heat dissipation</b>	1.4 W at 50 Hz
<b>IP degree of protection</b>	IP20 (modular enclosure) conforming to IEC 60529
<b>Pollution degree</b>	2
<b>Overvoltage category</b>	III
<b>Tropicalisation</b>	Severity B
<b>Relative humidity</b>	95 % at 55 °C
<b>Operating altitude</b>	2000 m
<b>ambient air temperature for operation</b>	-5...70 °C
<b>ambient air temperature for storage</b>	-40...70 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	8.0 cm
<b>Package 1 Width</b>	2.3 cm
<b>Package 1 Length</b>	10.0 cm
<b>Package 1 Weight</b>	124.0 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	88
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	11.412 kg

## Contractual warranty

<b>Warranty</b>	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-CO<sub>2</sub> 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](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile No need of specific recycling operations