

## Product data sheet

### Characteristics

# MX9C212520

Clipsal MAX9 Contactor, 2 NO, 25A,  
U<sub>e</sub>=240VAC, U<sub>c</sub>=24VAC, 1 Module



#### Main

Range	MAX9
Product or component type	Contacteur
Device application	Control circuit
Poles description	2P
[I <sub>e</sub> ] rated operational current	25 A AC-7A
Pole contact composition	2 NO
Network type	AC
Utilisation category	AC-7A
Control type	Remote control
[U <sub>c</sub> ] control circuit voltage	24 V AC 50 Hz

#### Complementary

Network frequency	50 Hz
[U <sub>e</sub> ] rated operational voltage	240 V AC 50 Hz
Maximum power	1.3 W at 240 V AC 50 Hz
[U <sub>i</sub> ] rated insulation voltage	500 V AC 50 Hz conforming to EN 61095
[U <sub>imp</sub> ] 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
Connections - terminals	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
Tightening torque	0.8 N.m
Wire stripping length	10 mm
Product compatibility	No auxiliary

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Market segment	Residential
Temperature derating table	40 °C ( 25 A ) 50 °C ( 23.8 A ) 60 °C ( 20 A )



## Environment

Quality labels	RCM
Noise level	30 dB
Heat dissipation	2.8 W at 50 Hz
IP degree of protection	IP20 (modular enclosure) conforming to IEC 60529
Pollution degree	2
Overvoltage category	III
Tropicalisation	Severity B
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-5...70 °C
Ambient air temperature for storage	-40...70 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.0 cm
Package 1 Width	2.3 cm
Package 1 Length	10.0 cm
Package 1 Weight	131.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	88
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	12.028 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty	7-year
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