

Product data sheet

Characteristics

MX9MS2100

Clipsal MAX9, Isolator Switch, 2P, 100A, 415V



Main

Range	MAX9
Product or component type	Switch disconnecter
Device application	Switch
Poles description	2P
Utilisation category	AC-22A
Suitability for isolation	Yes

Complementary

[Ie] rated operational current	AC-22A: 100 A at 415 V AC 50/60 Hz
[Ue] rated operational voltage	415 V AC 50/60 Hz
Network frequency	50/60 Hz
[Icm] rated short-circuit making capacity	5 kA 415 V AC at 50/60 Hz
[Icw] rated short-time withstand current	1500 A during 1 s conforming to IEC 60947-3 at 415 V
[Ith] conventional free air thermal current	100 A
Maximum power	AC-22A: 9.4 W at 415 V AC 50/60 Hz
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
Control type	Toggle
Local signalling	ON/OFF indication
Contact position indicator	Yes
Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Top or bottom: YES
9 mm pitches	4
Height	85 mm
Width	36 mm
Depth	75 mm
Product weight	161 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	AC-22A: 10000 cycles 415 V AC 50/60 Hz
Connections - terminals	Tunnel type terminals (top or bottom) - 6...50 mm ² - rigid Tunnel type terminals (top or bottom) - 6...35 mm ² - flexible
Wire stripping length	14 mm
Tightening torque	3.5 N.m

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Standards	IEC 60947-3
Quality labels	RCM
IP degree of protection	IP20
Pollution degree	3
Overvoltage category	IV
Tropicalisation	Severity B conforming to IEC 60068-2-30
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.5 cm
Package 1 Width	7.5 cm
Package 1 Length	3.6 cm
Package 1 Weight	160 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	9.6 cm
Package 2 Width	8.2 cm
Package 2 Length	22 cm
Package 2 Weight	960 g
Unit Type of Package 3	CAR
Number of Units in Package 3	48
Package 3 Height	20 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	8.18 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	7-year
----------	--------