

Product datasheet

Specifications



Clipsal MAX9, Isolator Switch, 3P, 100A, 415V

MX9MS3100

Main

Range	MAX9
Product Or Component Type	Switch disconnecter
Device Application	Switch
Poles Description	3P
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: 14.1 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	6
Height	85 mm
Width	54 mm
Depth	75 mm
Net Weight	243 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

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	5.4 cm
Package 1 Weight	240 g

Contractual warranty

Warranty	7-year
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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)
Pro-active China RoHS declaration (out of China RoHS legal scope)
