

## Product data sheet

### Characteristics

# MX9SP40C

## Clipsal MAX9, Cartridge Surge Protection Device, SPD, 1P, 40kA



### Main

Range	MAX9
Product or component type	Surge arrester
Device application	Distribution
Poles description	1P
Surge arrester type	Electrical distribution network

### Complementary

Surge arrester class type	Type 2
Surge arrester technology	MOV
Earthing system	TN-C TN-S TT
[Ue] rated operational voltage	240 V +/- 6 % AC 50/60 Hz
Nominal discharge current	15 kA conforming to IEC 61643-11
Maximum discharge current	40 kA conforming to IEC 61643-11
[Uc] maximum continuous operating voltage	350 V AC
Maximum [Up] voltage protection level	<1.6 kV type 2
[Ures] residual voltage	1545 V
Local signalling	White/red flag
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	2
Height	85 mm
Width	18 mm
Depth	64 mm
Net weight	51 g
Colour	White (RAL 9003)
Pollution degree	2
Response time	<= 25 ns

### Environment

Standards	IEC 61643-11:2011 EN 61643-11:2012
Quality labels	RCM
IP degree of protection	IP20 DIN rail
IK degree of protection	IK03 conforming to IEC 62262
Relative humidity	5...95 % at 55 °C
Operating altitude	0...2000 m

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	6 cm
Package 1 Width	6 cm
Package 1 Length	1.8 cm
Package 1 Weight	70 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.2 cm
Package 2 Width	27.5 cm
Package 2 Length	9.6 cm
Package 2 Weight	840 g

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
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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