

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
Product 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	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
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