

# Product datasheet

Specifications



## Clipsal MAX9, Surge Protection Device, SPD, 3P, 40kA

MX9SP340

### Main

Range	MAX9
Product Or Component Type	Surge arrester
Poles Description	3P
Remote Signalling	With
Signal Contacts Composition	1 NO + 1 NC
Surge Arrester Type	Electrical distribution network
Earthing System	TN-C TN-S TT
Device Application	Distribution

### Complementary

Surge Arrester Class Type	Type 2
Surge Arrester Technology	MOV
Local Signalling	Flag
[Ue] Rated Operational Voltage	240/415 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
[Ut] Temporary Overvoltage	336 V L/PE 5 s withstand
Local Signalling	White/red flag
Local Signalling	Flag (white/red)
Signalling Circuit Voltage	AC: 250 V 50/60 Hz
Signalling Output Current	0.25 A
Mounting Mode	Clip-on
Mounting Support	DIN rail
Comb Busbar And Distribution Block Compatibility	Tooth
9 Mm Pitches	6
Height	85 mm
Width	54 mm

Depth	64 mm
Net Weight	340 g
Colour	White (RAL 9003)
Cable Cross Section	2.5...25 mm <sup>2</sup> rigid 4...16 mm <sup>2</sup> flexible
Response Time	<= 25 ns
Maximum Residual Current	0.6 mA 240/415 V
Connections - Terminals	Tunnel type terminal (top or bottom) 2.5...25 mm <sup>2</sup> rigid Tunnel type terminal (top or bottom) 4...16 mm <sup>2</sup> flexible
Wire Stripping Length	14 mm
Tightening Torque	3.5 N.m

## Environment

Standards	IEC 61643-11:2011 EN 61643-11:2012
Quality Labels	RCM
Ip Degree Of Protection	IP20
Ik Degree Of Protection	IK03 conforming to IEC 62262
Pollution Degree	2
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	7.4 cm
Package 1 Width	9.4 cm
Package 1 Length	6.4 cm
Package 1 Weight	356 g

## Contractual warranty

Warranty	7-year
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

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

[Learn more about Green Premium >](#)

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

## Well-being performance

 Reach Free Of Svhc

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 Rohs Exemption Information [Yes](#)

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**Reach Regulation** [REACH Declaration](#)

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

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

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