

Eaton 177256

Catalog Number: 177256

SPPVT12-10-2+PE . Lightning current / surge arresters, pluggable, 1000 VDC, 2-pole+PE, earthed



General specifications

Product Name	Catalog Number
Eaton Moeller series xPole - SPPVT2.12	177256
Surge protection device	Model Code
	SPPVT12-10-2+PE
EAN	Product Length/Depth
4015081717088	65.5 mm
Product Height	Product Width
90 mm	53.4 mm
Product Weight	Compliances
0.38 kg	RoHS conform

defaultTaxonomyAttributeLabel

Type

DC overvoltage protection Surge arrester

Special features

Pluggable

Application

Open areas Residential buildings Utility buildings

Connection

For ungrounded systems

Features

Category type 2

Frame

3 modular spacing

Degree of protection

IP20

Equipment heat dissipation, current-dependent

0 W

Mounting method

DIN rail (top hat rail) 35 mm

Voltage protection level (L-N)

0 KV

Voltage protection level (N-PE)

0 KV

Voltage rating (Iu) - max

1000 V

Signalling at the device

Optic

System configuration type

IT

Ambient operating temperature - max

80 °C

Ambient operating temperature - min

-40 °C

Conductor cross section (flexible, fine-strand) - max

0 mm²

Conductor cross section (flexible, fine-strand) - min

Resources

Catalogues

[eaton-sppvt2-12-surge-protection-catalog-ca010007en-en-us.pdf](#)

[eaton-xpole-protective-devices-catalog-ca019014en-en-us.pdf](#)

[eaton-surge-protection-catalog-ca010001en-en-us.pdf](#)

Certification reports

[DA-DC-03_SPPVT](#)

Drawings

[eaton-xpole-sppvt2-surge-protection-device-dimensions.jpg](#)

Wiring diagrams

[eaton-xpole-sppvt2-surge-protection-device-wiring-diagram.jpg](#)

0 mm²

Conductor cross section (solid, solid-strand) - max

0 mm²

Conductor cross section (solid, solid-strand) - min

0 mm²

Continuous voltage at AC - max

0 V

Continuous voltage at DC - max

1170 V

Discharge surge current (8/20) - max

40 kA

Heat dissipation capacity

0 W

Heat dissipation per pole, current-dependent

0 W

Nominal discharge surge current (8/20)

15 kA

Nominal voltage at AC

0 V

Nominal voltage at DC

1170 V

Number of conductors without earthing

2

PV-voltage - max

1170 V

Rated operational current for specified heat dissipation (I_n)

0 A

Short-circuit breaking capacity (ISCCR)

0 kA

Static heat dissipation, non-current-dependent

0.03 W

Voltage protection level

3.5 KV

Overcurrent protection device, parallel connection (fuse) - max

0 A

Overcurrent protection device, series connection (fuse) - max

0 A

Integrated short-circuit protection selective to fuse gG

0 A



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