

Eaton 167593

Catalog Number: 167593

Eaton Moeller series xPole - SPCT2 Surge Protection Device.
Plug-in surge arresters, 1p, 280VAC, 20 kA



General specifications

Product Name	Catalog Number
Eaton Moeller series xPole - SPCT2 Surge Protection Device	167593
	Model Code
	SPCT2-280/1
EAN	Product Length/Depth
4015081640850	85 mm
Product Height	Product Width
67 mm	17.5 mm
Product Weight	Compliances
0.098 kg	RoHS conform

Product specifications

Frame

1 modular spacing

Nominal voltage at DC

0 V

Integrated short-circuit protection selective to fuse gG

0 A

Overcurrent protection device, parallel connection (fuse) - max

0 A

Overcurrent protection device, series connection (fuse) - max

125 A

Mounting method

DIN rail (top hat rail) 35 mm

PV-voltage - max

0 V

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

35 mm²

Voltage protection level (L-N)

0 KV

Continuous voltage at DC - max

0 V

System configuration type

Other

TN

TN-S

Number of conductors without earthing

1

Continuous voltage at AC - max

280 V

Degree of protection

IP20

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

25 mm²

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

35 mm²

Nominal voltage at AC

280 V

Resources

Catalogs

[eaton-spct2-surge-protection-catalog-ca010005en-en-us.pdf](#)

Certification reports

[DA-DC-03_SPCT2](#)

Drawings

[eaton-xpole-spct2-surge-protection-device-dimensions.jpg](#)

Installation instructions

[IL019017ZU](#)

Installation videos

[xpole-spct2-installation-video](#)

Wiring diagrams

[eaton-xpole-spct2-surge-protection-device-wiring-diagram-003.jpg](#)

Features

Category type 2

Voltage protection level (N-PE)

0 KV

Type

Surge arrester

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

25 mm²

Signalling at the device

Optic

Short-circuit breaking capacity (ISCCR)

0 kA

Discharge surge current (8/20) - max

40 kA

Nominal discharge surge current (8/20)

20 kA

Voltage protection level

1.4 KV

Application

Open areas Residential buildings Utility buildings



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