

Eaton 158331

Catalog Number: 158331

Eaton Moeller series xPole - SPBT12 Surge Protection Device.
Lightning current and surge arresters kit, TN-S kit, 4p

General specifications

Product Name	Catalog Number
Eaton Moeller series xPole - SPBT12 Surge Protection Device	158331
	Model Code
	SPBT12-280/4
EAN	Product Length/Depth
4015081548897	86 mm
Product Height	Product Width
69 mm	70 mm
Product Weight	Compliances
0.574 kg	RoHS conform



Product specifications

Nominal voltage at DC

0 V

Frame

4 modular spacing

Overcurrent protection device, parallel connection (fuse) - max

0 A

Overcurrent protection device, series connection (fuse) - max

160 A

Mounting method

DIN rail (top hat rail) 35 mm

Lightning impulse current (10/350 µs)

12.5 kA

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

Follow current extinguishing capability

0 kA

Voltage protection level (DC+/DC- - PE)

0 kV

System configuration type

Other

TN

TN-S

TT

Voltage protection level (DC+ - DC-)

0 kV

Test class

Type 1 + 2

Continuous voltage at AC - max

280 V

Degree of protection

Resources

Catalogs

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

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

[eaton-spbt12-surge-protection-catalog-ca010002en-en-us.pdf](#)

Certification reports

[DA-DC-03_SPBT12](#)

Characteristic curve

[eaton-dimensions-mas_spbt12.jpg](#)

Installation instructions

[IL019217ZU](#)

Wiring diagrams

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

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Nominal voltage at AC

280 V

Voltage protection level (L-PE)

1.5 KV

Number of poles

Four-pole

Voltage protection level (N-PE)

0 KV

Type

Surge arrester

Specific energy (W/R)

39.1 kJ/Ohm

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

25 mm²

Signalling at the device

Optic

Voltage protection level

1.5 KV

Application

Open areas

Residential buildings

Utility buildings