Specifications

Eaton 158306

Catalog Number: 158306

Eaton Moeller series xPole - SPBT12 Surge Protection Device. Lightning current and surge arresters, 12, 5 kA, L-(SU) N



General specifications

Product Name
Eaton Moeller series xPole - SPBT12 Surge protection device

Catalog Number
158306

EAN
4015081548842

Product Length/Depth
80 mm

Product Height
65 mm

Product Width
17.5 mm

Product Weight
0.137 kg

Compliances
RoHS conform

Powering Business Worldwide

Delivery program

Application

Open areas
Residential buildings
Utility buildings

Number of poles

Single-pole

Type

Surge arrester

Technical data - electrical

Voltage protection level

1.5 KV

Voltage protection level (DC+ - DC-)

0 KV

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

0 KV

Voltage protection level (L-N)

0 KV

Voltage protection level (L-PE)

1.5 KV

Voltage protection level (N-PE)

0 KV

Nominal voltage at AC

280 V

Nominal voltage at DC

0 V

Continuous voltage at AC - max

280 V

Continuous voltage at DC - max

0 V

PV-voltage - max

0 V

Lightning impulse current (10/350 µs)

12.5 kA

Follow current extinguishing capability

0 kA

Signalling at the device

Optic

Specific energy (W/R)

39.1 kJ/Ohm

Technical data - mechanical

Frame

1 modular spacing

Additional information

System configuration type

TN
Other

Mounting method

DIN rail (top hat rail) 35 mm

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

35 mm²

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

25 mm²

Degree of protection

IP20

TN-S

Test class

Type 1 + 2

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

Declarations of conformity

DA-DC-03_SPBT12

Installation instructions

IL019217ZU

Wiring diagrams

eaton-xpole-spct2-surge-protection-device-wiring-diagram-003.jpg

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