Specifications

Eaton 184750

Catalog Number: 184750

Eaton Moeller series xPole - SPBT12 Surge Protection Device. Lightning current and surge arresters, 50kA, N-space unit, 3+NPE50



General specifications

Product Name
Eaton Moeller series xPole - SPBT12 Surge protection device

Catalog Number
184750

EAN
4015081787869

Product Length/Depth
85 mm

Product Height
67 mm

Product Width
70.7 mm

Product Weight
0.527 kg

Compliances
RoHS conform

Powering Business Worldwide

Delivery program

Application

- Open areas
- Residential buildings
- Utility buildings

Number of poles

Four-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)

1.5 KV

Voltage protection level (L-PE)

1.5 KV

Voltage protection level (N-PE)

1.4 KV

Nominal voltage at AC

240 V

Nominal voltage at DC

0 V

Continuous voltage at AC - max

260 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)

625 kJ/Ohm

Technical data - mechanical

Frame

4 modular spacing

Additional information

Features

Voltage switching spark gap technology

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

System configuration type

IT

Other

TN

TN-S

TT

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

Characteristic curve

eaton-dimensions-mas_spbt12.jpg

Declarations of conformity

DA-DC-03_SPBT12

Installation instructions

IL019103ZU

Wiring diagrams

eaton-wiring-diagram-spb_3+1.jpg

Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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