Specifications

Eaton 176096



Catalog Number: 176096

SPPVT2H-10-2+PE. Surge arrester, pluggable, 1000V DC, 2p+PE

General specifications

Product Name
Eaton Moeller series xPole - SPPVT2.12 Surge protection device

Catalog Number
176096

EAN
4015081712922

Product Length/Depth
90 mm

Product Height
65.5 mm

Product Width
53.4 mm

Product Weight
0.327 kg

Compliances
CE Marked
RoHS conform

Powering Business Worldwide

Delivery program

Application

Open areas Residential buildings Utility buildings

Type

DC overvoltage protection Surge arrester

Technical data - electrical

Connection

For ungrounded systems

Voltage rating (Iu) - max

1000 V

Voltage protection level

3.7 KV

Voltage protection level (L-N)

0 KV

Voltage protection level (N-PE)

0 KV

Nominal voltage at AC

0 V

Nominal voltage at DC

1000 V

Continuous voltage at AC - max

0 V

Continuous voltage at DC - max

1170 V

PV-voltage - max

1170 V

Nominal discharge surge current (8/20)

15 kA

Signalling at the device

Optic

Technical data - mechanical

Frame

3 modular spacing

Mounting method

DIN rail (top hat rail) 35 mm

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

25 mm²

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

25 mm²

Design verification as per IEC/EN 61439 - technical data

Rated operational current for specified heat dissipation (In)

0 A

Heat dissipation per pole, current-dependent

0 W

Equipment heat dissipation, current-dependent

0 W

Static heat dissipation, non-current-dependent

0.03 W

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

35 mm²

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

35 mm²

Degree of protection

IP20

Heat dissipation capacity

0 W

Ambient operating temperature - min

-40 °C

Ambient operating temperature - max

80 °C

Additional information

Features

Category type 2

Special features

Pluggable

System configuration type

IT

Resources

Catalogs

eaton-xpole-protective-devices-catalog-ca019014en-en-us.pdf

eaton-surge-protection-catalog-ca010001en-en-us.pdf

eaton-sppvt2-12-surge-protection-catalog-ca010007en-en-us.pdf

Declarations of conformity

DA-DC-03_SPPVT

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