Specifications

Eaton 176098

Catalog Number: 176098

SPPVT2H-10. Surge arrester plug-in unit, pluggable, 1000V DC, 1p

General specifications

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

Catalog Number
176098

EAN
4015081712946

Product Length/Depth
52.2 mm

Product Height
43.3 mm

Product Width
17.5 mm

Product Weight
0.05 kg

Compliances
RoHS conform
CE Marked

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

1.9 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

585 V

PV-voltage - max

585 V

Nominal discharge surge current (8/20)

15 kA

Signalling at the device

Optic

Technical data - mechanical

Frame

1 modular spacing

Mounting method

On basic element

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

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

Declarations of conformity

DA-DC-03_SPPVT

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

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Eaton.com/socialmedia