Specifications

# Eaton 176094




## Catalog Number: 176094

SPPVT2H-06-2+PE. Surge arrester, pluggable, 600V DC, 2p+PE

### General specifications

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

**Catalog Number**
176094

**EAN**
4015081712908

**Product Length/Depth**
90 mm

**Product Height**
65.5 mm

**Product Width**
53.4 mm

**Product Weight**
0.303 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

600 V

Voltage protection level

2.7 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

600 V

Continuous voltage at AC - max

0 V

Continuous voltage at DC - max

800 V

PV-voltage - max

800 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

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

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

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

Declarations of conformity

DA-DC-03_SPPVT

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