

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	Catalog Number
Eaton Moeller series xPole - SPBT12	184750
Surge protection device	EAN
	4015081787869
Product Length/Depth	Product Height
85 mm	67 mm
Product Width	Product Weight
70.7 mm	0.527 kg
Compliances	Model Code
RoHS conform	SPBT12-280-3+NPE50

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

Do pobrania

Characteristic curve

[eaton-dimensions-mas_spbt12.jpg](#)

Deklaracje zgodności

[DA-DC-03_SPBT12](#)

DWG

[Mas_SPBT12](#)

Instrukcje montażu

[IL019103ZU](#)

Katalogi

[eaton-spbt12-surge-protection-catalog-ca010002en-en-us.pdf](#)

mCAD model

[eaton-cadenas-path-uberspannungsschutzgerat-assemblies-sp_b_3p_npe50_asmtpl.prj](#)

[eaton-cadenas-front_view-sp_b_3p_npe50_front.pra](#)

[eaton-cadenas-side_view-sp_b_3p_npe50_front.pra](#)

Schematy połączeń

[eaton-wiring-diagram-spb_3+1.jpg](#)

[SPB_3+1](#)



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