

Specifications



Eaton 158309

Eaton Moeller series xPole - SPBT12 Surge Protection Device. Lightning current and surge arresters kit, TN-S kit, 2p

General specifications

PRODUCT NAME	Eaton Moeller series xPole - SPBT12 Surge protection device
CATALOG NUMBER	158309
MODEL CODE	SPBT12-280/2
EAN	4015081548873
PRODUCT LENGTH/DEPTH	86 mm
PRODUCT HEIGHT	69 mm
PRODUCT WIDTH	35 mm
PRODUCT WEIGHT	0.285 kg
COMPLIANCES	RoHS conform



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Additional information

SYSTEM CONFIGURATION TYPE	TN
	Other
	TN-S
TEST CLASS	TT
	Type 1 + 2

Technical data - electrical

CONTINUOUS VOLTAGE AT AC - MAX 280 V

LIGHTNING IMPULSE CURRENT (10/350 MS) 12.5 kA

NOMINAL VOLTAGE AT AC 280 V

SIGNALLING AT THE DEVICE Optic

SPECIFIC ENERGY (W/R) 39.1 kJ/Ohm

VOLTAGE PROTECTION LEVEL 1.5 kV

VOLTAGE PROTECTION LEVEL (L-PE) 1.5 kV

Delivery programme

APPLICATION	• Open areas
	• Residential buildings
	• Utility buildings

NUMBER OF POLES Two-pole

TYPE Surge arrester

Technical data - mechanical

CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) - MAX 35 mm²

CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MAX 25 mm²

DEGREE OF PROTECTION IP20

FRAME 2 modular spacing

MOUNTING METHOD DIN rail (top hat rail) 35 mm

Resources

CATALOGUES [eaton-surge-protection-catalog-ca010001en-en-us.pdf](#)

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

DECLARATIONS OF CONFORMITY [eaton-surge-protection-device-declaration-of-conformity-eu250062en.pdf](#)

INSTALLATION INSTRUCTIONS [IL019217ZU](#)

MCAD MODEL [eaton-t2-arrestor-mcad-3d-models-sp-2p.stp](#)

[eaton-t2-arrestor-mcad-drawings-sp-2p.dwg](#)

PEP ECO-PASSPORT [eaton-t2-arrestor-pep-eato-00260-v0101-en.pdf](#)

WIRING DIAGRAMS [eaton-xpole-spct2-surge-protection-device-wiring-diagram-003.jpg](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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

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