

Specifications

Eaton 158330

Eaton Moeller series xPole - SPBT12 Surge Protection Device. Lightning current and surge arresters kit, TN-C kit, 3p

General specifications

PRODUCT NAME	Eaton Moeller series xPole - SPBT12 Surge protection device
CATALOG NUMBER	158330
MODEL CODE	SPBT12-280/3
EAN	4015081548880
PRODUCT LENGTH/DEPTH	86 mm
PRODUCT HEIGHT	69 mm
PRODUCT WIDTH	52.5 mm
PRODUCT WEIGHT	0.429 kg
COMPLIANCES	RoHS conform

Additional information

SYSTEM CONFIGURATION TYPE	Other
	TN-C-S
	TN-C
	TN
	TN-S
	TT

TEST CLASS	Type 1 + 2
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Technical data - electrical

CONTINUOUS VOLTAGE AT AC - MAX	280 V
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LIGHTNING IMPULSE CURRENT (10/350 MS)	12.5 kA
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NOMINAL VOLTAGE AT AC	280 V
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SIGNALLING AT THE DEVICE	Optic
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SPECIFIC ENERGY (W/R)	39.1 kJ/Ohm
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VOLTAGE PROTECTION LEVEL	1.5 kV
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VOLTAGE PROTECTION LEVEL (L-PE)	1.5 kV
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Resources

CATALOGUES	eaton-surge-protection-catalog-ca010001en-en-us.pdf
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CHARACTERISTIC CURVE	eaton-dimensions-mas_spbt12.jpg
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DECLARATIONS OF CONFORMITY	eaton-surge-protection-device-declaration-of-conformity-eu250062en.pdf
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INSTALLATION INSTRUCTIONS	IL019217ZU
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MCAD MODEL	eaton-combined-arrestor-mcad-drawings-sp-3p.dwg
	eaton-combined-arrestor-mcad-3d-models-sp-3p.stp

PEP ECO-PASSPORT	eaton-t2-arrestor-pep-eato-00260-v0101-en.pdf
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WIRING DIAGRAMS	eaton-xpole-spct2-surge-protection-device-wiring-diagram-003.jpg
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Delivery programme

APPLICATION	
	• Open areas
	• Residential buildings
	• Utility buildings

NUMBER OF POLES	Three-pole
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TYPE	Surge arrester
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Technical data - mechanical

CONDUCTOR CROSS SECTION (FLEXIBLE, FINE- STRAND) - MAX	35 mm ²
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CONDUCTOR CROSS SECTION (SOLID, SOLID- STRAND) - MAX	25 mm ²
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DEGREE OF PROTECTION	IP20
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FRAME	3 modular spacing
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MOUNTING METHOD	DIN rail (top hat rail) 35 mm
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PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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