

Specifications



Eaton 177256

SPPVT12-10-2+PE . Lightning current / surge arresters, pluggable, 1000 VDC, 2-pole+PE, earthed

General specifications

PRODUCT NAME	Eaton Moeller series xPole - SPPVT2.12 Surge protection device
CATALOG NUMBER	177256
MODEL CODE	SPPVT12-10-2+PE
EAN	4015081717088
PRODUCT LENGTH/DEPTH	65.5 mm
PRODUCT HEIGHT	90 mm
PRODUCT WIDTH	53.4 mm
PRODUCT WEIGHT	0.38 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	CE
GLOBAL CATALOG	177256
PRODUCT TYPE	Surge protection device



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Product specifications

CONNECTION	For ungrounded systems
FEATURES	Category type 2
FRAME	3 modular spacing
DEGREE OF PROTECTION	IP20
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	0 W
MOUNTING METHOD	DIN rail (top hat rail) 35 mm
VOLTAGE PROTECTION LEVEL (L-N)	0 kV
VOLTAGE PROTECTION LEVEL (N-PE)	0 kV
VOLTAGE RATING (IU) - MAX	1000 V
SIGNALLING AT THE DEVICE	Optic
SYSTEM CONFIGURATION TYPE	IT
TYPE	DC overvoltage protection Surge arrester
SPECIAL FEATURES	Pluggable
APPLICATION	Open areas Residential buildings Utility buildings
AMBIENT OPERATING TEMPERATURE - MAX	80 °C
AMBIENT OPERATING TEMPERATURE - MIN	-40 °C
CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) - MAX	0 mm ²
CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) - MIN	0 mm ²
CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MAX	0 mm ²
CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MIN	0 mm ²
CONTINUOUS VOLTAGE AT AC - MAX	0 V
CONTINUOUS VOLTAGE AT DC - MAX	1170 V
DISCHARGE SURGE CURRENT (8/20) - MAX	40 kA
HEAT DISSIPATION CAPACITY	0 W

Resources

CATALOGS	eaton-xpole-protective-devices-catalog-ca019014en-en-us.pdf
	eaton-surge-protection-catalog-ca010001en-en-us.pdf
	eaton-sppvt2-12-surge-protection-catalog-ca010007en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-surge-protection-device-declaration-of-conformity-eu250242en.pdf
	eaton-surge-protection-device-declaration-of-conformity-uk251461en.pdf
DRAWINGS	eaton-xpole-sppvt2-surge-protection-device-dimensions.jpg
WIRING DIAGRAMS	eaton-xpole-sppvt2-surge-protection-device-wiring-diagram.jpg

HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT	0 W
NOMINAL DISCHARGE SURGE CURRENT (8/20)	15 kA
NOMINAL VOLTAGE AT AC	0 V
NOMINAL VOLTAGE AT DC	1170 V
NUMBER OF CONDUCTORS WITHOUT EARTHING	2
PV-VOLTAGE - MAX	1170 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
SHORT-CIRCUIT BREAKING CAPACITY (ISCCR)	0 kA
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT	0.03 W
VOLTAGE PROTECTION LEVEL	3.5 kV
OVERCURRENT PROTECTION DEVICE, PARALLEL CONNECTION (FUSE) - MAX	0 A
OVERCURRENT PROTECTION DEVICE, SERIES CONNECTION (FUSE) - MAX	0 A
INTEGRATED SHORT- CIRCUIT PROTECTION SELECTIVE TO FUSE GG	0 A

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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