DATASHEET - SPPVT12-10-2+PE-AX

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

Part no. **SPPVT12-10-2+PE-AX**
177255

General specifications	
Product name	Eaton Moeller series xPole - SPPVT2.12 Surge protection device
Part no.	SPPVT12-10-2+PE-AX
EAN	4015081717071
Product Length/Depth	65.5 millimetre
Product height	99 millimetre
Product width	53.4 millimetre
Product weight	0.39 kilogram
Compliances	RoHS conform
Product Tradename	xPole - SPPVT2.12
Product Type	Surge protection device
Product Sub Type	None
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	1000 V
Voltage protection level	3.5 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	1170 V
Continuous voltage at AC - max	0 V
Continuous voltage at DC - max	1170 V
PV-voltage - max	1170 V
Nominal discharge surge current (8/20)	15 kA
Discharge surge current (8/20) - max	40 kA
Short-circuit breaking capacity (ISCCR)	0 kA
Signalling at the device	Optic
Technical Data - Mechanical	
Frame	3 modular spacing
Mounting method	DIN rail (top hat rail) 35 mm
Number of conductors without earthing	2
Conductor cross section (flexible, fine-strand) - min	0 mm^2
Conductor cross section (flexible, fine-strand) - max	0 mm^2
Conductor cross section (solid, solid-strand) - min	0 mm^2
Conductor cross section (solid, solid-strand) - max	0 mm^2
Degree of protection	IP20
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	0.03 W
Heat dissipation capacity	0 W
Ambient operating temperature - min	-40 °C
Ambient operating temperature - max	80 °C

Additional information

Features		Category type 2
Fitted with:		Remote signaling contact
Special features		Pluggable With auxiliary contact
System configuration type		IT

Technical data ETIM 9.0

Earthing, lightning and surge protection (EG000021) / Surge protection device for power supply systems (EC000941)

Electric engineering, automation, process control engineering / Internal and external lightning protection / Lightning protection (other) / Lightning protection (other, not specified) (ecl@ss13-27-17-90-90 [AHE465002])

System configuration DC		No
System configuration IT		Yes
System configuration TN		No
System configuration TN-C		No
System configuration TN-C-S		No
System configuration TN-S		No
System configuration TT		No
System configuration other		No
Number of conductors (without earthing)		2
Nominal discharge surge current (8/20)	kA	15
Max. discharge surge current (8/20)	kA	40
Nominal voltage AC	V	0
Nominal voltage DC	V	1170
Max. continuous voltage AC	V	0
Max. continuous voltage DC	V	1170
Max. PV-voltage	V	1170
Voltage protection level	kV	3.5
Voltage protection level L-N	kV	0
Voltage protection level N-PE	kV	0
Max. overcurrent protection device, parallel connection (fuse)	A	0
Max. overcurrent protection device, series connection (fuse)	A	0
Short-circuit breaking capacity (Isccr)	kA	0
Integrated short-circuit protection		No
Integrated short-circuit protection selective to fuse gG	A	0
Integrated backup fuse		No
Leakage-current free		No
Mounting method		DIN rail (top hat rail) 35 mm
Construction size		3 modular spacing
Max. conductor cross section solid (solid, stranded)	mm^2	0
Max. conductor cross section flexible (fine-strand)	mm^2	0
With remote signalling contact		Yes
Signalling at the device		Optical
Category type 2		Yes
Degree of protection (IP)		IP20

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