DATASHEET - SPPVT12-10

Lightning current / surge arresters, SPD insert, 1000 VDC

Part no. SPPVT12-10
177260

General specifications	
Product name	Eaton Moeller series xPole - SPPVT2.12 Surge protection device
Part no.	SPPVT12-10
EAN	4015081717125
Product Length/Depth	43.3 millimetre
Product height	52.2 millimetre
Product width	17.5 millimetre
Product weight	0.07 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	1.8 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	487.5 V
Continuous voltage at AC - max	0 V
Continuous voltage at DC - max	585 V
PV-voltage - max	585 V
Nominal discharge surge current (8/20)	15 kA
Discharge surge current (8/20) - max	0 kA
Short-circuit breaking capacity (ISCCR)	0 kA
Signalling at the device	Optic
Technical Data - Mechanical	
Frame	1 modular spacing
Mounting method	On basic element
Number of conductors without earthing	0
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
Special features			Pluggable
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)			0
Nominal discharge surge current (8/20)		kA	15
Max. discharge surge current (8/20)		kA	0
Nominal voltage AC		V	0
Nominal voltage DC		V	487.5
Max. continuous voltage AC		V	0
Max. continuous voltage DC		V	585
Max. PV-voltage		V	585
Voltage protection level		kV	1.8
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			On basic element
Construction size			1 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			No
Signalling at the device			Optical
Category type 2			Yes
Degree of protection (IP)			IP20

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