



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

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

Similar to illustration

Delivery program

Product range			DC overvoltage protection
Products			Surge arresters
Application field			Residential buildings Utility buildings Open areas
Description			pluggable With auxiliary contact
Connection			For ungrounded systems
Maximum uninterrupted voltage	U_c	V	1000

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	0
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	0.03
Heat dissipation capacity	P_{diss}	W	0
Operating ambient temperature min.		°C	-40
Operating ambient temperature max.		°C	80
			0

Technical data ETIM 7.0

Earthing, lightning and surge protection (EG000021) / Surge protection device for power supply systems (EC000941)			
Electric engineering, automation, process control engineering / Protection installation, device (electric) / Surge protection device (inner lightning protection) / Surge protection device for power supply systems (ec1@ss10.0.1-27-13-08-05 [ACN278011])			
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
Nominal voltage AC		V	0
Nominal voltage DC		V	1000
Short-circuit breaking capacity (Iscbr)		kA	0
Max. continuous voltage AC		V	0
Max. discharge surge current (8/20)		kA	40
Max. continuous voltage DC		V	1050
Mounting method			DIN rail (top hat rail) 35 mm
Construction size			3 modular spacing
Max. PV-voltage		V	1050
Voltage protection level		kV	3.7
Max. conductor cross section solid (solid, stranded)		mm ²	35

Max. conductor cross section flexible (fine-strand)	mm ²	25
Voltage protection level L-N	kV	0
Voltage protection level N-PE	kV	0
With remote signalling contact		Yes
Integrated backup fuse		No
Signalling at the device		Optic
Category type 2		Yes
Degree of protection (IP)		IP20