



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

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

Similar to illustration

Delivery program

Products		Surge arresters
Application field		Residential buildings Utility buildings Open areas

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 6.0

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 (ecl@ss8.1-27-13-08-05 [ACN278008])		
System configuration		IT
Type of poles		-
Nominal discharge surge current (8/20)	kA	15
Nominal voltage AC	V	0
Nominal voltage DC	V	1000
Max. continuous voltage AC	V	0
Max. continuous voltage DC	V	1050
Max. PV-voltage	V	1050
Voltage protection level	kV	3.7
Voltage protection level L-N	kV	0
Voltage protection level N-PE	kV	0
Short-circuit-proof		No
Mounting method		DIN rail (top hat rail) 35 mm
Construction size		3 modular spacing
Max. conductor cross section solid (solid, stranded)	mm ²	35
Max. conductor cross section flexible (fine-strand)	mm ²	25
With remote signalling contact		Yes
Integrated backup fuse		No
Signalling at the device		Optic
Category type 2		Yes
Degree of protection (IP)		IP20