

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



Part no.	SPPVT12-10-2+PE
Catalog No.	177256
EL-Nummer (Norway)	1600135

Similar to illustration

Delivery program

Product range	DC overvoltage protection		
Products	Surge arresters		
Application field	Residential buildings Utility buildings Open areas		
Description	pluggable		
Connection	For ungrounded systems		
Maximum uninterrupted voltage	U _c	V	1170

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 (EC0000941)

Electric engineering, automation, process control engineering / Protection installation, device (electric) / Surge protection device (inner lightning protection) / Surge protection device for power supply systems (ecl@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
Max. discharge surge current (8/20)	kA	40
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 breaking capacity (Isccr)	kA	0

Integrated backup fuse		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		No
Signalling at the device		Optic
Category type 2		Yes
Degree of protection (IP)		IP20