

Surge arrester, pluggable, 1000VDC, 2-pole+PE

Part no. **SPPVT2-10-2+PE**
 Catalog No. **176090**



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 8.0

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@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	975
Max. continuous voltage AC	V	0
Max. continuous voltage DC	V	1170
Max. PV-voltage	V	1170
Voltage protection level	kV	3.7
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		No
Signalling at the device		Optic
Category type 2		Yes
Degree of protection (IP)		IP20