



## Lightning current / surge arresters, SPD insert, 600 VDC

**Part no.** SPPVT12-06  
**Article no.** 177259

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	0.01
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	600
Max. continuous voltage AC	V	0
Max. continuous voltage DC	V	720
Max. PV-voltage	V	720
Voltage protection level	kV	2.7
Voltage protection level L-N	kV	0
Voltage protection level N-PE	kV	0
Short-circuit-proof		No
Mounting method		On basic element
Construction size		1 modular spacing
Max. conductor cross section solid (solid, stranded)	mm <sup>2</sup>	35
Max. conductor cross section flexible (fine-strand)	mm <sup>2</sup>	25
With remote signalling contact		No
Integrated backup fuse		No
Signalling at the device		Optic
Category type 2		Yes
Degree of protection (IP)		IP20