



Surge arrester plug-in unit, pluggable, 600V DC, 1p

Part no. SPPVT2H-06
Catalog No. 176097

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	600

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	0.02
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 (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)			
Nominal discharge surge current (8/20)		kA	15
Nominal voltage AC		V	0
Nominal voltage DC		V	600
Short-circuit breaking capacity (I _{sc cr})		kA	
Max. continuous voltage AC		V	0
Max. discharge surge current (8/20)		kA	
Max. continuous voltage DC		V	400
Mounting method			On basic element
Construction size			1 modular spacing
Max. PV-voltage		V	400
Voltage protection level		kV	0.0014

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