



Multi MPPT PV-SPD, 1000V, class 1 and 2 combined tested with AUX contact

**Part no. SPPVRT12-10-4+PE+AX
EP-501957**

General specifications

Product name	Eaton xPole SPPVR surge protection device
Part no.	SPPVRT12-10-4+PE+AX
EAN	9010653062998
Product Length/Depth	111 millimetre
Product height	78 millimetre
Product width	90 millimetre
Product weight	0.704 kilogram
Certifications	CE
Product Tradename	xPole SPPVR
Product Type	Surge protection device
Product Sub Type	None

Technical data ETIM 9.0

Earthing, lightning and surge protection (EG000021) / Lightning current arrester for power supply systems (EC000381)		
Electric engineering, automation, process control engineering / Internal and external lightning protection / Lightning protection (other) / Lightning protection (other, not specified) (ecl@ss13-27-17-90-90 [AHE465002])		
System configuration DC		Yes
System configuration IT		No
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)		4
Lightning impulse current (10/350 µs)	kA	10
Nominal discharge surge current (8/20)	kA	20
Max. continuous voltage AC	V	
Max. continuous voltage DC	V	1000
Nominal voltage AC	V	
Nominal voltage DC	V	1000
Voltage protection level	kV	3.8
Voltage protection level L-N	kV	
Voltage protection level N-PE	kV	
Voltage protection level (DC+ - DC-)	kV	3.8
Voltage protection level (DC+/DC- - PE)	kV	3.8
Follow current extinguishing capability	kA	
Specific energy (W/R)	kJ/Ohm	6.25
Mounting method		DIN rail (top hat rail) 35 mm
Construction size		5 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
Exhausting		No
Signalling at the device		Optical
Category type 1		Yes
Integrated backup fuse		No

Suitable for outdoor use		No
Degree of protection (IP)		IP20