

Surge arrester complete, 1p, 280VAC, 10kA

Part no. **SPET2-280/1**
168741

General specifications		
Product name		Eaton Distribution parts
Part no.		SPET2-280/1
EAN		4015081651948
Product Length/Depth		80 millimetre
Product height		65 millimetre
Product width		17.5 millimetre
Product weight		0.086 kilogram
Compliances		RoHS conform
Product Tradename		None
Product Type		Distribution parts
Product Sub Type		None
Public Consumption		Yes
Product Family Description		ES-PMCC-PDC-Eaton Distribution parts
Globally Marketable		Yes
Product Specification Details		
Application		Open areas Residential buildings Utility buildings
Conductor cross section (flexible, fine-strand) - max		0 mm ²
Conductor cross section (flexible, fine-strand) - min		0 mm ²
Conductor cross section (solid, solid-strand) - max		25 mm ²
Conductor cross section (solid, solid-strand) - min		25 mm ²
Continuous voltage at AC - max		280 V
Continuous voltage at DC - max		0 V
Degree of protection		IP20
Discharge surge current (8/20) - max		20 kA
Features		Category type 2
Frame		1 modular spacing
Integrated short-circuit protection selective to fuse gG		0 A
Nominal discharge surge current (8/20)		10 kA
Nominal voltage at AC		280 V
Nominal voltage at DC		0 V
Number of conductors without earthing		1
Overcurrent protection device, parallel connection (fuse) - max		0 A
Overcurrent protection device, series connection (fuse) - max		100 A
PV-voltage - max		0 V
Short-circuit breaking capacity (ISCCR)		0 kA
Signalling at the device		Optic
System configuration type		Other
Type		Surge arrester
Voltage protection level		1.2 kV
Voltage protection level (L-N)		0 kV
Voltage protection level (N-PE)		0 kV

Technical data ETIM 9.0

Earthing, lightning and surge protection (EG000021) / Surge protection device for power supply systems (EC000941)		
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		No
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		Yes
Number of conductors (without earthing)		1
Nominal discharge surge current (8/20)	kA	10
Max. discharge surge current (8/20)	kA	20
Nominal voltage AC	V	280
Nominal voltage DC	V	0
Max. continuous voltage AC	V	280
Max. continuous voltage DC	V	0
Max. PV-voltage	V	0
Voltage protection level	kV	1.2
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	100
Short-circuit breaking capacity (Isc cr)	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		1 modular spacing
Max. conductor cross section solid (solid, stranded)	mm ²	25
Max. conductor cross section flexible (fine-strand)	mm ²	0
With remote signalling contact		No
Signalling at the device		Optical
Category type 2		Yes
Degree of protection (IP)		IP20