DATASHEET - SPCT2-280-1+NPE

Plug-in surge arresters, 1pole+N, 280VAC, 20 kA

Part no. **SPCT2-280-1+NPE**
167619

General specifications	
Product name	Eaton Moeller series xPole - SPCT2 Surge protection device
Part no.	SPCT2-280-1+NPE
EAN	4015081641093
Product Length/Depth	85 millimetre
Product height	67 millimetre
Product width	17.5 millimetre
Product weight	0.21 kilogram
Compliances	RoHS conform
Product Tradename	xPole - SPCT2
Product Type	Surge protection device
Product Sub Type	None
Delivery program	
Application	Open areas Residential buildings Utility buildings
Type	Surge arrester
Technical Data - Electrical	
Voltage protection level	1.4 kV
Voltage protection level (L-N)	0 kV
Voltage protection level (N-PE)	0 kV
Nominal voltage at AC	280 V
Nominal voltage at DC	0 V
Continuous voltage at AC - max	280 V
Continuous voltage at DC - max	0 V
PV-voltage - max	0 V
Nominal discharge surge current (8/20)	20 kA
Discharge surge current (8/20) - max	40 kA
Short-circuit breaking capacity (ISCCR)	0 kA
Signalling at the device	Optic
Technical Data - Mechanical	
Frame	2 modular spacing
Mounting method	DIN rail (top hat rail) 35 mm
Number of conductors without earthing	1
Conductor cross section (flexible, fine-strand) - min	35 mm^2
Conductor cross section (flexible, fine-strand) - max	35 mm^2
Conductor cross section (solid, solid-strand) - min	25 mm^2
Conductor cross section (solid, solid-strand) - max	25 mm^2
Degree of protection	IP20
Additional information	
Features	Category type 2
System configuration type	TN-S TT IT Other TN

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			Yes
System configuration TN			Yes
System configuration TN-C			No
System configuration TN-C-S			No
System configuration TN-S			Yes
System configuration TT			Yes
System configuration other			Yes
Number of conductors (without earthing)			1
Nominal discharge surge current (8/20)		kA	20
Max. discharge surge current (8/20)		kA	40
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	1.4
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	125
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			2 modular spacing
Max. conductor cross section solid (solid, stranded)		mm^2	25
Max. conductor cross section flexible (fine-strand)		mm^2	35
With remote signalling contact			No
Signalling at the device			Optical
Category type 2			Yes
Degree of protection (IP)			IP20

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