



Plug-in surge arresters, 1p, 580VAC, 20 kA

Part no. **SPCT2-580/1**
167613

General specifications		
Product name		Eaton Moeller series xPole - SPCT2 Surge protection device
Part no.		SPCT2-580/1
EAN		4015081641031
Product Length/Depth		80 millimetre
Product height		67 millimetre
Product width		17.5 millimetre
Product weight		0.108 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		2.6 kV
Voltage protection level (L-N)		0 kV
Voltage protection level (N-PE)		0 kV
Nominal voltage at AC		580 V
Nominal voltage at DC		0 V
Continuous voltage at AC - max		580 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		1 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 Other TN-S

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			Yes
System configuration TN-C			No
System configuration TN-C-S			No
System configuration TN-S			Yes
System configuration TT			No
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	580
Nominal voltage DC		V	0
Max. continuous voltage AC		V	580
Max. continuous voltage DC		V	0
Max. PV-voltage		V	0
Voltage protection level		kV	2.6
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 (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	35
With remote signalling contact			No
Signalling at the device			Optical
Category type 2			Yes
Degree of protection (IP)			IP20