

**Part no.**                    **SPCT2-580-3+NPE**  
**167628**

<b>General specifications</b>		
Product name		Eaton Moeller series xPole - SPCT2 Surge protection device
Part no.		SPCT2-580-3+NPE
EAN		4015081641178
Product Length/Depth		85 millimetre
Product height		67 millimetre
Product width		70 millimetre
Product weight		0.429 kilogram
Compliances		RoHS conform
Product Tradename		xPole - SPCT2
Product Type		Surge protection device
Product Sub Type		None
<b>Delivery program</b>		
Application		Open areas Residential buildings Utility buildings
Type		Surge arrester
<b>Technical Data - Electrical</b>		
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
<b>Technical Data - Mechanical</b>		
Frame		4 modular spacing
Mounting method		DIN rail (top hat rail) 35 mm
Number of conductors without earthing		3
Conductor cross section (flexible, fine-strand) - min		35 mm <sup>2</sup>
Conductor cross section (flexible, fine-strand) - max		35 mm <sup>2</sup>
Conductor cross section (solid, solid-strand) - min		25 mm <sup>2</sup>
Conductor cross section (solid, solid-strand) - max		25 mm <sup>2</sup>
Degree of protection		IP20
<b>Additional information</b>		
Features		Category type 2
System configuration type		IT TT TN Other TN-S TN-C-S

**Technical data ETIM 9.0**

Earthing, lightning and surge protection (EG000021) / Surge protection device for power supply systems (EC000941)

System configuration DC			No
System configuration IT			Yes
System configuration TN			Yes
System configuration TN-C			No
System configuration TN-C-S			Yes
System configuration TN-S			Yes
System configuration TT			Yes
System configuration other			Yes
Number of conductors (without earthing)			3
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 (Iscbr)		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			4 modular spacing
Max. conductor cross section solid (solid, stranded)		mm <sup>2</sup>	25
Max. conductor cross section flexible (fine-strand)		mm <sup>2</sup>	35
With remote signalling contact			No
Signalling at the device			Optical
Category type 2			Yes
Degree of protection (IP)			IP20