

Plug-in surge arresters, 3pole+N, 460VAC, 20 kA



Part no. SPCT2-460-3+NPE
167626
EL Number 1609789
(Norway)

General specifications		
Product name		Eaton Moeller series xPole - SPCT2 Surge Protection Device
Part no.		SPCT2-460-3+NPE
EAN		4015081641154
Product Length/Depth		85 millimetre
Product height		67 millimetre
Product width		70 millimetre
Product weight		0.414 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		2.2 kV
Voltage protection level (L-N)		0 kV
Voltage protection level (N-PE)		0 kV
Nominal voltage at AC		460 V
Nominal voltage at DC		0 V
Continuous voltage at AC - max		460 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		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 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-C-S 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		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	460
Nominal voltage DC	V	0
Max. continuous voltage AC	V	460
Max. continuous voltage DC	V	0
Max. PV-voltage	V	0
Voltage protection level	kV	2.2
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	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 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