DATASHEET - SPDT3-280/2

Surge arresters complete, 2p, 280VAC

Part no.	**SPDT3-280/2**
	170485
EL Number (Norway)	**1609786**

General specifications	
Product name	Eaton Moeller series xPole - SPDT3 Surge protection device
Part no.	SPDT3-280/2
EAN	4015081669837
Product Length/Depth	80 millimetre
Product height	68 millimetre
Product width	35 millimetre
Product weight	0.209 kilogram
Compliances	RoHS conform
Product Tradename	xPole - SPDT3
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)	5 kA
Discharge surge current (8/20) - max	10 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	2
Conductor cross section (flexible, fine-strand) - min	0 mm^2
Conductor cross section (flexible, fine-strand) - max	0 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	
System configuration type	Other

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)		2
Nominal discharge surge current (8/20)	kA	5
Max. discharge surge current (8/20)	kA	10
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	0
With remote signalling contact		No
Signalling at the device		Optical
Category type 2		No
Degree of protection (IP)		IP20

© 04/2023 by Eaton Industries GmbH