

INDUSTRIAL COMPONENT DATA

SPBT12-280/1 158306 Y7-158306 EATON ELECTRIC Lightning current and surge arresters, 12, 5 kA, L-(SU) N

Brand: EATON - MOELLER | Manufacturer Part Number: SPBT12-280/1



Manufacturer	EATON - MOELLER
MPN / Reference	SPBT12-280/1
Catalog number	Y7-158306
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
Document ID	EO-6068193754
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Product Overview

Lightning current and surge arresters, 12, 5 kA, L-(SU) N
SPBT12-280/1

Eaton Moeller series xPole - SPBT12 Surge Protection Device. Lightning current and surge arresters, 12, 5 kA, L-(SU) N
For protecting consumer systems against transient overvoltages caused by direct and indirect lightning strikes and switching operations, use in accordance with IEC 60364-5-53 section 534, il according to IEC 61643-1, SPD-type T1, T2 according to EN 61643-11, lightning protection classes III and IV as per IEC 62305

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	EATON - MOELLER > Modular Switchgear - Industrial
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Additional Product Information

General specifications

Product Name Eaton Moeller series xPole - SPBT12 Surge protection device Catalog Number 158306 Model Code SPBT12-280/1 EAN 4015081548842 Product Length/Depth 80 mm Product Height 65 mm Product Width 17.5 mm Product Weight 0.137 kg Compliances RoHS conform Delivery program

Application Number of poles Single-pole Type Surge arrester Technical data - electrical

Voltage protection level 1.5 KV Voltage protection level (DC+ - DC-) 0 KV Voltage protection level (DC+/DC- - PE) 0 KV Voltage protection level (L-N) 0 KV Voltage protection level (L-PE) 1.5 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 Lightning impulse current (10/350 μ s) 12.5 kA Follow current extinguishing capability 0 kA Signalling at the device Optic Specific energy (W/R) 39.1 kJ/Ohm Technical data - mechanical

Frame 1 modular spacing Mounting method DIN rail (top hat rail) 35 mm Conductor cross section (flexible, fine-strand) - max 35 mm² Conductor cross section (solid, solid-strand) - max 25 mm² Degree of protection IP20 Additional information

System configuration type TN

Other

TN-S Test class Type 1 + 2

ETIM for 158306 Earthing, lightning and surge protection (EC001457)

Feature Name

Feature Value

System configuration DC (EF009926)

No

System configuration IT (EF009927)

No

System configuration TN (EF009928)

Yes

System configuration TN-C (EF009929)

No

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPBT12-280/1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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