

INDUSTRIAL COMPONENT DATA

SPBT12-280-1+NPE 158308 Y7-158308 EATON ELECTRIC

Lightning current and surge arresters kit, TN-S/TT kit, 1+N..

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



Manufacturer	EATON - MOELLER
MPN / Reference	SPBT12-280-1+NPE
Catalog number	Y7-158308
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
Document ID	EO-DB6BD03571
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Product Overview

Lightning current and surge arresters kit, TN-S/TT kit, 1+NPE

SPBT12-280-1+NPE

Eaton Moeller series xPole - SPBT12 Surge Protection Device. Lightning current and surge arresters kit, TN-S/TT kit, 1+NPE

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, in accordance with IEC 61643-1, SPD-type T1, T2 according to EN 61643-11, lightning protection classes III and IV as per IEC 62305, type without remote signaling

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

Additional Product Information

General specifications

Product Name Eaton Moeller series xPole - SPBT12 Surge protection device Catalog Number 158308 Model Code SPBT12-280-1+NPE EAN 4015081548866 Product Length/Depth 90 mm Product Height 69 mm Product Width 52.5 mm Product Weight 0.383 kg Compliances RoHS conform Delivery program

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

Voltage protection level 0 kV Voltage protection level (DC+ - DC-) 0 kV Voltage protection level (DC+/DC- - PE) 0 kV

Voltage protection level (L-N) 1.5 kV Voltage protection level (L-PE) 1.5 kV Voltage protection level (N-PE) 100 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) 625 kJ/Ohm Technical data - mechanical

Frame 3 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

Features Voltage switching spark gap technology System configuration type Other

TN

TT

TN-S

IT Test class Type 1 + 2

ETIM for 158308 Earthing, lightning and surge protection (EC001457)

Feature Name

Feature Value

System configuration DC (EF009926)

No

System configuration IT (EF009927)

Yes

System configuration TN....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

GLOBAL OFFICES

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