

## INDUSTRIAL COMPONENT DATA

# SPBT12-280-3+NPE 158332 Y7-158332 EATON ELECTRIC

## Lightning current and surge arresters kit, TN-S/TT kit, 3+1p

Brand: EATON - MOELLER | Manufacturer Part Number: SPBT12-280-3+NPE



|                 |                                            |
|-----------------|--------------------------------------------|
| Manufacturer    | EATON - MOELLER                            |
| MPN / Reference | SPBT12-280-3+NPE                           |
| Catalog number  | Y7-158332                                  |
| Category        | Combined arrester for power supply systems |
| Minimum order   | 1 Pcs                                      |
| Document ID     | EO-8885689E33                              |
| Generated       | 2026-08-02                                 |

### Product Overview

Lightning current and surge arresters kit, TN-S/TT kit, 3+1p

SPBT12-280-3+NPE

Eaton Moeller series xPole - SPBT12 Surge Protection Device. Lightning current and surge arresters kit, TN-S/TT kit, 3+1p  
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, II according to 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 158332 Model Code SPBT12-280-3+NPE EAN 4015081549207 Product Length/Depth 90 mm Product Height 69 mm Product Width 87.5 mm Product Weight 0.668 kg Compliances RoHS conform Delivery program

Application Number of poles Four-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  $\mu$ s) 12.5 kA Follow current extinguishing capability 0 kA

Signalling at the device Optic Specific energy (W/R) 2500 kJ/Ohm Technical data - mechanical

Frame 5 modular spacing Mounting method DIN rail (top hat rail) 35 mm Conductor cross section (flexible, fine-strand) - max 35 mm<sup>2</sup> Conductor cross section (solid, solid-strand) - max 25 mm<sup>2</sup> Degree of protection IP20 Additional information

Features Voltage switching spark gap technology System configuration type Other

IT

TN

TN-S

TT Test class Type 1 + 2

ETIM for 158332 Earthing, lightning and surge protection (EC001457)

Feature Name

Feature Value

System configuration DC (EF009926)

No

System configuration IT (EF009927)

Yes

System configuration T...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPBT12-280-3+NPE with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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