

## INDUSTRIAL COMPONENT DATA

# SPBT12-280 167341 Y7-167341 EATON ELECTRIC Lightning current and surge arresters, plug-in unit, 12, 5 kA

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



|                 |                                            |
|-----------------|--------------------------------------------|
| Manufacturer    | EATON - MOELLER                            |
| MPN / Reference | SPBT12-280                                 |
| Catalog number  | Y7-167341                                  |
| Category        | Combined arrester for power supply systems |
| Minimum order   | 1 Pcs                                      |
| Document ID     | EO-0F3B1F19AB                              |
| Generated       | 2026-08-01                                 |

## Product Overview

Lightning current and surge arresters, plug-in unit, 12, 5 kA

SPBT12-280

Eaton Moeller series xPole - SPBT12 Surge Protection Device. Lightning current and surge arresters, plug-in unit, 12, 5 kA 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

## 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 167341 Model Code SPBT12-280 EAN 4015081638413 Product Length/Depth 80 mm Product Height 65 mm Product Width 17.5 mm Product Weight 0.231 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  $\mu$ 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 On basic element 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

System configuration type TN

Other Test class Type 1 + 2

ETIM for 167341 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

System configuration T...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPBT12-280 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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