

INDUSTRIAL COMPONENT DATA

SPBT12-280-3+NPE/BB 158333 Y7-158333 EATON ELECTRIC Lightning current and surge arresters kit, TN-S/TT kit, ..

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



Manufacturer	EATON - MOELLER
MPN / Reference	SPBT12-280-3+NPE/BB
Catalog number	Y7-158333
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
Document ID	EO-84B3D09841
Generated	2026-08-01

Product Overview

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

SPBT12-280-3+NPE/BB

Eaton Moeller series xPole - SPBT12 Surge Protection Device. Lightning current and surge arresters kit, TN-S/TT kit, 3+1p, BB

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, 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 158333 Model Code SPBT12-280-3+NPE/BB EAN 4015081549214 Product Length/Depth 123 mm Product Height 69 mm Product Width 176 mm Product Weight 0.817 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) 1.5 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) 2500 kJ/Ohm Technical data - mechanical

Frame 6 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 TN

TT

Other

TN-S

IT Test class Type 1 + 2

ETIM for 158333 Earthing, lightning and surge protection (EC001457)

Feature Name

Feature Value

System configuration DC (EF009926)

No

System configuration IT (EF009927)

Yes

System configuratio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPBT12-280-3+NPE/BB with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.