

INDUSTRIAL COMPONENT DATA

SPBT12-280-1+NPE50 184752 Y7-184752 EATON ELECTRIC

Lightning current and surge arresters, 50kA, N-space unit

Brand: EATON - MOELLER | Manufacturer Part Number: SPBT12-280-1+NPE50



Manufacturer	EATON - MOELLER
MPN / Reference	SPBT12-280-1+NPE50
Catalog number	Y7-184752
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
Document ID	EO-116DE5B8FF
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Product Overview

Lightning current and surge arresters, 50kA, N-space unit

SPBT12-280-1+NPE50

Eaton Moeller series xPole - SPBT12 Surge Protection Device. Lightning current and surge arresters, 50kA, N-space unit, 1+NPE50

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

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 184752 Model Code SPBT12-280-1+NPE50 EAN 4015081787883 Product Length/Depth 85 mm Product Height 67 mm Product Width 35.4 mm Product Weight 0.247 kg Compliances RoHS conform Product specifications

Type Surge arrester Application Features Voltage switching spark gap technology Specific energy (W/R) 625 kJ/Ohm Test class Type 1 + 2 Conductor cross section (flexible, fine-strand) - max 35 mm² Conductor cross section (solid, solid-strand) - max 25 mm² Continuous voltage at AC - max 260 V Continuous voltage at DC - max 0 V Follow current extinguishing capability 0 kA Lightning impulse current (10/350 μ s) 12.5 kA Nominal voltage at AC 240 V Nominal voltage at DC 0 V PV-voltage - max 0 V Voltage protection level 1.5 KV Voltage protection level (DC+ - DC-) 0 KV Voltage protection level

(DC+/DC- - PE) 0 KV Frame 2 modular spacing Degree of protection IP20 Mounting method DIN rail (top hat rail) 35 mm
Signalling at the device Optic Overcurrent protection device, parallel connection (fuse) - max 0 A Overcurrent protection
device, series connection (fuse) - max 0 A Voltage protection level (L-N) 1.5 KV Voltage protection level (L-PE) 1.5 KV
Voltage protection level (N-PE) 1.4 KV Number of poles Two-pole System configuration type TN

Other

TT

TN-S

ETIM for 184752 Earthing, lightning and surge protection (EC001457)

Feature Name

Feature Value

System configuration DC (EF009926)

No

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPBT12-280-1+NPE50 with the required quantity to info@electricaonline.com or use
electricaonline.com/request-quote.

GLOBAL OFFICES

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Floor, JLT, Dubai

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requirements against the manufacturer documentation before purchase or installation.