

INDUSTRIAL COMPONENT DATA

SPBT12-280-3+NPE50/BB 184751 Y7-184751 EATON ELECTRIC Lightning current and surge arresters, 50kA, N-space u..

Brand: EATON - MOELLER | Manufacturer Part Number: SPBT12-280-3+NPE50/BB



Manufacturer	EATON - MOELLER
MPN / Reference	SPBT12-280-3+NPE50/BB
Catalog number	Y7-184751
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
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Product Overview

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

SPBT12-280-3+NPE50/BB

Eaton Moeller series xPole - SPBT12 Surge Protection Device. Lightning current and surge arresters, 50kA, N-space unit, 3+NPE50, 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

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 184751 Model Code SPBT12-280-3+NPE50/BB EAN 4015081787876 Product Length/Depth 105 mm Product Height 67 mm Product Width 158 mm Product Weight 0.674 kg Compliances RoHS conform Delivery program

Application Number of poles Four-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) 1.5 KV Voltage protection level (L-PE) 1.5 KV Voltage protection level (N-PE) 1.4 KV Nominal

voltage at AC 240 V Nominal voltage at DC 0 V Continuous voltage at AC - max 260 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 4 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

IT

TN-S

TT Test class Type 1 + 2

ETIM for 184751 Earthing, lightning and surge protection (EC001457)

Feature Name

Feature Value

System configuration DC (EF009926)

No

System configuration IT (EF009927)

Yes

System configura...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPBT12-280-3+NPE50/BB with the required quantity to info@electricaonline.com or use
electricaonline.com/request-quote.

GLOBAL OFFICES

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requirements against the manufacturer documentation before purchase or installation.