

INDUSTRIAL COMPONENT DATA

C50-0-255 5095609 OBO BETTERMANN VIA OF SPARKS NPE C50-0-255

Brand: OBO BETTERMANN | Manufacturer Part Number: C50-0-255



Manufacturer	OBO BETTERMANN
MPN / Reference	C50-0-255
Catalog number	5095609
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
Document ID	EO-683A17C131
Generated	2026-08-04

Product Overview

VIA OF SPARKS NPE C50-0-255

Spark path NPE C50-0-255, active part 255V,

Active part NPE - C50. NPE active part, combined lightning current arrester type 1+2• For equipotential lightning protection connection according to VDE 0185-305 (IEC 62305)• Lightning current discharge capacity up to 50 kA (10/350) in total•

Modular plug-in arrester with disconnector device and visual status display• Hold function with vibration protection and

voltage coding• Plastic according to UL 94 V-0* Complete = Active part and socket

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OBO BETTERMANN > TBS Transient and lightning protection systems - OBO BETTERMANN

Additional Product Information

Lightning current combination arrester, type 2

- For the equipotential bonding of lightning current to VDE 0185-305 (IEC 62305)
- Lightning current discharge capacity of 12.5 kA (10/350) per pole and up to 50 kA (10/350) in total
- Modular, plug-in arrester with dynamic cut-off unit and visual status display
- Locking mechanism with vibration protection and voltage keying
- Halogen-free plastic (UL 94 V-0)
- The remote signalling (FS) variants have a potential-free changeover contact for remote signalling

Application: Lightning current equipotential bonding for buildings of class III and IV.

ETIM for 5095609 Earthing, lightning and surge protection (EC001457)

Feature Name

Feature Value

System configuration TN-C-S (EF009933)

Yes

System configuration TN-S (EF009930)

Yes

System configuration TT (EF009931)

Yes

Number of poles (EF001391)

1

Lightning impulse current (10/350 µs) (EF000421)

50 kA

Max. continuous voltage AC (EF004198)

255 V

Voltage protection level (EF003525)

1.5 kV

Follow current extinguishing capability (EF004193)

0.1 kA

Mounting method (EF000003)

DIN rail (top hat rail) 35 mm

Construction size (EF002566)

1 modular spacing

Max. conductor cross section solid (solid, stranded) (EF008827)

35 mm²

Max. conductor cross section flexible (fine-strand) (EF008828)

35 mm²

Signalling at the device (EF004241)

Optic

Integrated backup fuse (EF008797)

No

Degree of protection (IP) (EF005474)

IP20

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / C50-0-255 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.