

INDUSTRIAL COMPONENT DATA

PS4-B+C TT+TNS 5089761 OBO BETTERMANN Protection set 4-pole design, 255V,

Brand: OBO BETTERMANN | Manufacturer Part Number: PS4-B+C TT+TNS



Manufacturer	OBO BETTERMANN
MPN / Reference	PS4-B+C TT+TNS
Catalog number	5089761
Category	Combined arrester for power supply systems
Minimum order	1 Pcs
Document ID	EO-BA62CC0090
Generated	2026-08-03

Product Overview

Protection set 4-pole design, 255V,
PS4-B+C TT+TNS protection set, Tetrapolar type 255V,
Protection set MCD + V20 3-pole + NPE. Protection set, lightning and surge arrester combination, type 1+2• For lightning protection equipotential bonding to VDE 0185-305 (IEC 62305)• Lightning current arresting capacity to 50 kA (10/350) per pole and up to 125 kA (10/350) N-PE• Arrester, connectable, including connecting bridges, labelled connection terminals• Encapsulated, non-extinguishing arrester for use in distributor housings Application: Mobile telecommunications systems and industrial systems with special requirements.

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 > Surge , arrester,

Additional Product Information

Arrester surge current (8/20 μ s) [total] 100 kA
Blow-out no
CO2 Footprint (GWP) Cradle-to-Gate 10,8946 kg CO2e / 1 Piece
Conductor cross-section, rigid (single-wire/multiwire), max. 50 mm²
Conductor cross-section, rigid (single-wire/multiwire), min. 10 mm²
Dimension 255V
Follow current quenching capacity (eff) [N-PE] 25 kA
Installation type DIN rail 35 mm
Lightning protection zone LPZ 0->2

Lightning surge current (10/350 us) 50 kA
Lightning surge current (10/350) 100 kA
Max. mains-side overcurrent protection 125
Maximum back-up fuse 125 A
Maximum continuous voltage (L-N) 255 V
Maximum continuous voltage (N-PE) 255 V
Maximum continuous voltage AC 255 V
Maximum discharge current (8/20 us) 100 kA
Network form Other
Nominal discharge current (8/20 µs) 50 kA
Nominal voltage AC (50/60 Hz) 230 V
Operating temperature, max. 85 °C
Operating temperature, min. -40 °C
Permitted temperature range, max. 85 °C
Permitted temperature range, min. -40 °C
Pole version 3+N/PE
Protection rating IP20
Remote signalling no
Response time

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / PS4-B+C TT+TNS 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.