

**INDUSTRIAL COMPONENT DATA**

# V50-B+C 3+NPE+FS 5093662 OBO BETTERMANN

## CombiController V50 3-pole + NPE w. remote signal, 280V,

Brand: OBO BETTERMANN | Manufacturer Part Number: V50-B+C 3+NPE+FS



|                 |                                            |
|-----------------|--------------------------------------------|
| Manufacturer    | OBO BETTERMANN                             |
| MPN / Reference | V50-B+C 3+NPE+FS                           |
| Catalog number  | 5093662                                    |
| Category        | Combined arrester for power supply systems |
| Minimum order   | 1 Pcs                                      |
| Document ID     | EO-EC93A59AE2                              |
| Generated       | 2026-08-03                                 |

### Product Overview

CombiController V50 3-pole + NPE w. remote signal, 280V,  
 Lightning current and surge arrester, 3-pole + NPE with remote signalling. Combination arrester, lightning and surge arrester type 1+2 to DIN EN 61643-11. • For lightning protection equipotential bonding to VDE 0185-305 (IEC 62305) • Lightning current arresting capacity 12.5 kA (10/350) per pole • Universally suitable for TN and TT systems • With Multibase base with multi-connection terminals • Complete unit, consisting of upper part and base, pre-mounted and ready for connection • Arrester, connectable with dynamic cut-off unit • With visual function display • Protection level < 1.3 • Encapsulated, non-extinguishing zinc oxide varistor arrester for use in distributor housings • Labelled connections • FS variant with remote signalling contact (potential-free NO contact) Application: Equipotential

**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 µs) [total] 50 kA  
 Blow-out no  
 CO2 Footprint (GWP) Cradle-to-Gate 1,8227 kg CO2e / 1 Piece  
 Conductor cross-section, rigid (single-wire/multiwire), max. 35 mm<sup>2</sup>  
 Conductor cross-section, rigid (single-wire/multiwire), min. 2,5 mm<sup>2</sup>  
 DC network form no  
 Dimension 280V  
 Installation type DIN rail 35 mm

Integrated back-up fuse no  
IT network form no  
Lightning protection zone LPZ 0->2  
Lightning surge current (10/350 us) 12,5 kA  
Lightning surge current (10/350) 50 kA  
Max. mains-side overcurrent protection 125  
Maximum back-up fuse 125 A  
Maximum continuous voltage (N-PE) 255 V  
Maximum continuous voltage AC 280 V  
Maximum discharge current (8/20 us) 50 kA  
Network form Other  
Nominal discharge current (8/20 µs) 30 kA  
Nominal discharge current (8/20 µs) [L-N] 30 kA  
Nominal discharge current (8/20 µs) [N-PE] 50 kA  
Nominal voltage AC (50/60 Hz) 230 V  
Operating temperature, max. 80 °C  
Operating temperature, min. -40 °C  
Other network form no  
Permitted temperature range, max. 80 °C  
Permitted temperature range, min. -40 °C  
Pole number 3  
Pole version 3+N/PE  
Protection level [L-N] <=1,3  
Protection rating IP20  
Remote signalling yes  
Response time

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V50-B+C 3+NPE+FS with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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