

**INDUSTRIAL COMPONENT DATA**

# V20-C 3+NPE-280 5094656 OBO BETTERMANN

## SurgeController V20 3+1 version, 280V,

Brand: OBO BETTERMANN | Manufacturer Part Number: V20-C 3+NPE-280



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | OBO BETTERMANN                                   |
| MPN / Reference | V20-C 3+NPE-280                                  |
| Catalog number  | 5094656                                          |
| Category        | Surge protection device for power supply systems |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-E70B1EDC42                                    |
| Generated       | 2026-08-01                                       |

### Product Overview

SurgeController V20 3+1 version, 280V,

Surge arrester, 3-pole + NPE 280 V. Surge arrester, type 2• Complete unit consisting of upper part and base, pre-mounted and ready for connection• Suitable for TN and TT network systems• Plug-in upper part; upper part can be separated from base without tools• Incl. thermal and dynamic cut-off unit• With visual display of defects• High current conductivity and long service life• Labelled connections Application example: Residential buildings, single-family homes and industrial\* Complete = cover and base

**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 1,835 kg CO2e / 1 Piece

Conductor cross-section, rigid (single-wire/multiwire), max. 35 mm²

Conductor cross-section, rigid (single-wire/multiwire), min. 2,5 mm²

Dimension 280V

Installation type DIN rail 35 mm

Integrated back-up fuse no

Lightning protection zone LPZ 1->2

Max. mains-side overcurrent protection 125

Maximum back-up fuse 125 A  
Maximum continuous voltage AC 280 V  
Maximum discharge current (8/20 us) 40 kA  
Network form Other  
Nominal discharge current (8/20 μs) 20 kA  
Nominal discharge current (8/20 μs) [L-N] 20 kA  
Nominal voltage AC (50/60 Hz) 230 V  
Operating temperature, max. 80 °C  
Operating temperature, min. -40 °C  
Permitted temperature range, max. 80 °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 / V20-C 3+NPE-280 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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