

## INDUSTRIAL COMPONENT DATA

## 5095213 OBO BETTERMANN DOWNLOADER T. 2 V20-3-550

Brand: OBO BETTERMANN | Manufacturer Part Number: V20-3-550



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | OBO BETTERMANN                                   |
| MPN / Reference | V20-3-550                                        |
| Catalog number  | 5095213                                          |
| Category        | Surge protection device for power supply systems |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-E5AB1DA702                                    |
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## Product Overview

## DOWNLOADER T. 2 V20-3-550

Surge arrester V20, 3-pole, 550 V. Surge arrester, type 2• For surge voltage protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)• Discharge capacity to 40 kA (8/20) per pole through high-performance varistors • Modular connectable arrester with cut-off unit and visual status display • Locking mechanism with vibration protection and voltage keying • Plastic to UL 94 V-0• The remote signalling variants (FS) have a potential-free changeover contact for remote signallingApplication: Equipotential bonding in main and sub-distributions.

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification &amp; Catalog Path

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

## Additional Product Information

Approvals UL

Arrester surge current (8/20 µs) [total] 120 kA

Blow-out no

CO2 Footprint (GWP) Cradle-to-Gate 1,5189 kg CO2e / 1 Piece

Conductor cross-section, flexible (fine-wire), max. 2 AWG

Conductor cross-section, flexible (fine-wire), max. 35 mm<sup>2</sup>

Conductor cross-section, flexible (fine-wire), min. 16 AWG

Conductor cross-section, flexible (fine-wire), min. 1,5 mm<sup>2</sup>

Conductor cross-section, rigid (single-wire/multiwire), max. 35 mm<sup>2</sup>

Conductor cross-section, rigid (single-wire/multiwire), max. 2 AWG

Conductor cross-section, rigid (single-wire/multiwire), min. 16 AWG

Conductor cross-section, rigid (single-wire/multiwire), min. 1,5 mm<sup>2</sup>

Dimension 550V

Housing material surge protection components PA UL 94 V-0

Installation type DIN rail 35 mm

Integrated back-up fuse no

Max. mains-side overcurrent protection 160 A gL/gG

Maximum back-up fuse 160 A

Maximum continuous voltage (L-N) 550 V

Maximum continuous voltage AC 550 V

Maximum discharge current (8/20 us) 40 kA

Maximum discharge current (8/20 us) [L-N] 40 kA

Minimum distance 1,5 mm

Network form Other

Nominal discharge current (8/20 μs) 15 kA

Nominal discharge current (8/20 μs) [L-N] 20 kA

Nominal voltage AC (50/60 Hz) 400 V

Operating temperature, max. 80 °C

Operating temperature, min. -40 °C

Permitted temperature range, max. 80 °C

Permitted temperature range, min. -40 °C

Pole number 3

Pole version 3

Protection level [L-N] ≤2,4

Protection rating IP20

Remote signalling no

Residual voltage [L-N] @ 1 kA 1,7 kV

Residual voltage [L-N] @....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OBO BETTERMANN / V20-3-550 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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