

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	2026-08-03

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 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.