INDUSTRIAL COMPONENT DATA

# VAL-SEC-T2-2+0-220DC-FM 2907875 PHOENIX CONTACT Type 2 surge arrester

**Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-SEC-T2-2+0-220DC-FM**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | VAL-SEC-T2-2+0-220DC-FM |
| Catalog number | 2907875 |
| Category | Surge protection device for power supply systems |
| Minimum order | 1 Pcs |
| Document ID | EO-394089BD39 |
| Generated | 2026-11-19 |

## Product Overview

Type 2 surge arrester
Plug-in surge protection device, according to Type 2/Class II, for DC current sources with linear service characteristic, with remote indication contact.

STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

| | |
|---|---|
| Catalog path | PHOENIX CONTACT > Trabtech (TT) |

## Additional Product Information

Key Commercial Data
Orderkey 2907875
Packing unit 1 pc
Catalog page Page 51 (C-4-2017)
GTIN 4055626245003
Weight per Piece (excluding packing) 226.600 g
Custom tariff number 85363010
Country of origin DE (Germany)
Dimensions
Height 97.9 mm
Width 25.4 mm
Depth 74.5 mm (incl. DIN rail 7.5 mm)
Horizontal pitch 1.4 Div.

Ambient conditions
Degree of protection IP20
Ambient temperature (operation) -40 °C ... 80 °C
Ambient temperature (storage/transport) -40 °C ... 80 °C
Altitude <= 6000 m (amsl (above mean sea level))
Permissible humidity (operation) 5 % ... 95 %
Shock (operation) 30g (Half-sine / 11 ms / 3x ±X, ±Y, ±Z)
Vibration (operation) 5g (10 ... 500 Hz / 2.5 h / X, Y, Z)
General
IEC test classification II
T2
EN type T2
IEC power supply system DC
Mode of protection (DC+) - (DC-)
(DC+/DC-) - PE
Mounting type DIN rail: 35 mm
Color light grey RAL 7035
traffic grey A RAL 7042
Housing material PA 6.6-FR 20% GF
PBT-FR
Degree of pollution 2
Flammability rating according to UL 94 V-0
Type DIN rail module, two-section, divisible
Number of positions 2
Surge protection fault message Optical, remote indicator contact
Protective circuit
Nominal voltage UN 200 V DC ... 220 V DC
Maximum continuous voltage UC 250 V DC
Rated load current IL 40 A (Biconnect M4 fork-type cable lug 6 mm²)
63 A (TWIN ferrule 2 x 10 mm²)
Residual current IPE <= 10 µA DC
Nominal discharge current In(8/20) µs 20 kA
Maximum discharge current Imax(8/20) µs 40 kA
Impulse discharge current (10/350) µs, charge 0.5 As
Imp...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-SEC-T2-2+0-220DC-FM 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.