

INDUSTRIAL COMPONENT DATA

VAL-SEC-T2-2+0-48DC-FM 2907865 PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-SEC-T2-2+0-48DC-FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-SEC-T2-2+0-48DC-FM
Catalog number	2907865
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-797CD1D58A
Generated	2026-08-04

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 2907865

Packing unit 1 pc

Catalog page Page 50 (C-4-2017)

GTIN 4055626244587

Weight per Piece (excluding packing) 206.600 g

Custom tariff number 85363030

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 mounting

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 48 V DC ... 60 V DC

Maximum continuous voltage UC 75 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 ≤ 50 µA DC

Nominal discharge current $I_n(8/20)$ µs 20 kA

Maximum discharge current $I_{max}(8/20)$ µs 40 kA

Impulse discharge current (10/350) µs, charge 2 As

Impuls...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-SEC-T2-2+0-48DC-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.