INDUSTRIAL COMPONENT DATA

VAL-SEC-T2-48DC-P 2907877 PHOENIX CONTACT Type 2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-SEC-T2-48DC-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-SEC-T2-48DC-P
Catalog number	2907877
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	1 Pcs
Document ID	EO-BD8A73B7C5
Generated	2026-11-19

Product Overview

Type 2 surge protection plug
Replacement connector for surge protection device from the VALVETRAB SEC product line for DC power sources.

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 2907877
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 50 (C-4-2017)
GTIN 4055626245027
Weight per Piece (excluding packing) 49.600 g
Custom tariff number 85363030
Country of origin DE (Germany)
Dimensions
Height 46.4 mm
Width 11.7 mm
Depth 59.4 mm
Horizontal pitch 0.6 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 on base element
Color light grey RAL 7035
Housing material PA 6.6-FR 20% GF
PBT-FR
Degree of pollution 2
Flammability rating according to UL 94 V-0
Type Male
Number of positions 1
Surge protection fault message optical
Protective circuit
Nominal voltage UN 48 V DC ... 60 V DC
Maximum continuous voltage UC 75 V DC
Residual current IPE <= 50 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 2 As
Impulse discharge current (10/350) µs, specific energy 4 kJ/?
Impulse discharge current (10/350) µs, peak value limp 4 kA
Short-circuit current rating ISCCR 0.2 kA (without backup fu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-SEC-T2-48DC-P 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

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