

INDUSTRIAL COMPONENT DATA

VAL-SEC-T2-120DC-P 2907878 PHOENIX CONTACT Type 2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-SEC-T2-120DC-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-SEC-T2-120DC-P
Catalog number	2907878
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	1 Pcs
Document ID	EO-48D74040C3
Generated	2026-08-05

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)
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Additional Product Information

Key Commercial Data

Orderkey 2907878

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4055626245034

Weight per Piece (excluding packing) 53.200 g

Custom tariff number 85363010

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 100 V DC ... 120 V DC

Maximum continuous voltage UC 150 V DC

Residual current IPE ≤ 5 µA DC

Nominal discharge current $I_n(8/20)$ µs 20 kAMaximum discharge current $I_{max}(8/20)$ µs 40 kA

Impulse discharge current (10/350) µs, charge 0.5 As

Impulse discharge current (10/350) µs, specific energy 0.25 kJ/?

Impulse discharge current (10/350) µs, peak value I_{limp} 1 kA

Short-circuit current rating ISCCR 0.2 kA (without ba...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-SEC-T2-120DC-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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