

INDUSTRIAL COMPONENT DATA

VAL-MS-T1/T2 600DC-PV-ST 2801165 PHOENIX CONTACT

Type 1/2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS-T1/T2 600DC-PV-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS-T1/T2 600DC-PV-ST
Catalog number	2801165
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	1 Pcs
Document ID	EO-0345A5C7AD
Generated	2026-08-02

Product Overview

Type 1/2 surge protection plug

Protec. Spare plug-in for PV arrester combinations from the VAL-MS-T1/T2 600DC-PV product line-...

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 2801165

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356714280

Weight per Piece (excluding packing) 57.420 g

Custom tariff number 85363030

Country of origin DE (Germany)

Dimensions

Height 52.4 mm

Width 17.5 mm

Depth 55.3 mm

Horizontal pitch 1 Div.

Ambient conditions

Degree of protection IP20

Ambient temperature (operation) -40 °C ... 80 °C

Ambient temperature (storage/transport) -40 °C ... 80 °C

Altitude ≤ 2000 m (amsl (above mean sea level))

Permissible humidity (operation) 5 % ... 95 %

Shock (operation) 60g (Half-sine / 11 ms / 3x ±X, ±Y, ±Z)

Vibration (operation) 7.5g (5-500 Hz/2.5 h/XYZ)

General

IEC test classification PV I / II

PV T1 / T2

EN type T1 / T2

SPD failure behavior OCM (Open-circuit mode)

Installation location Inside

Accessibility Accessible

Installation location of the disconnect device Internal

Mounting type on base element

Color jet black RAL 9005

Housing material PA 6.6-FR

Degree of pollution 2

Flammability rating according to UL 94 V-0

Type Male

Surge protection fault message optical

Protective circuit DC voltage side (DC)

Maximum continuous operating voltage UCPV 360 V DC

Short-circuit current rating ISCPV 2000 A

Continuous operating current ICPV < 20 µA

Standby power consumption PC ≤ 10 mVA

Nominal discharge current (8/20) µs 15 kA

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

Impulse discharge current (10/350) µs, charge 2.5 As

Impulse discharge current (10/350) µs, specific...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS-T1/T2 600DC-PV-ST 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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