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-8123430055
Generated	2026-11-18

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)
Catalog page Page 41 (C-4-2017)
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 Imax(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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