INDUSTRIAL COMPONENT DATA

VAL-MS-T1/T2 48/12.5 ST 2801242 PHOENIX CONTACT Type 1/2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS-T1/T2 48/12.5 ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS-T1/T2 48/12.5 ST
Catalog number	2801242
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	1 Pcs
Document ID	EO-9AC16B4AAF
Generated	2026-11-18

Product Overview

Type 1/2 surge protection plug
Replacement L-N connector for plug-in lightning/surge current arrester VAL-MS-T1/T2 48/12.5.

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 2801242
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 38 (C-4-2017)
GTIN 4046356750196
Weight per Piece (excluding packing) 52.400 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Height 47 mm
Width 17.5 mm
Depth 67.3 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) 30g (Half-sine / 11 ms / 3x ±X, ±Y, ±Z)
Vibration (operation) 7.5g (10 ... 500 Hz / 2.5 h / X, Y, Z)
General
IEC test classification I / II
T1 / T2
I
EN type T1 / T2
IEC power supply system TN-C
Mode of protection L-N
N-PE
(L+) - (L-)
(L+) - PE
Mounting type on base element
Color jet black RAL 9005
Housing material PA 6.6
PBT
Degree of pollution 2
Flammability rating according to UL 94 V-0
Type Male
Surge protection fault message optical
Protective circuit
Nominal voltage UN 60 V AC ±10 % (TN)
60 V DC ±10 %
-48 V DC ±10 % (RRH)
Nominal frequency fN 50 Hz (60 Hz)
Maximum continuous voltage UC 75 V AC
100 V DC
Residual current IPE <= 0.6 mA
Standby power consumption PC <= 45 mVA
Nominal discharge current In(8/20) µs 12.5 kA
Maximum discharge current Imax(8/20) µs 30 kA
Impulse discharge current (10/350) µs, charge 6.25 As
Impulse discharge current (10/350) µs, specific energy 39 kJ/?
Impulse discharge...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS-T1/T2 48/12.5 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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