

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-733FACA02C
Generated	2026-08-05

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 $\leq$ 2000 m (amsl (above mean sea level))

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

Shock (operation) 30g (Half-sine / 11 ms / $3x \pm X, \pm Y, \pm Z$)

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 $\leq$ 0.6 mA

Standby power consumption PC $\leq$ 45 mVA

Nominal discharge current $I_n(8/20)$ μ s 12.5 kA

Maximum discharge current $I_{max}(8/20)$ μ s 30 kA

Impulse discharge current (10/350) μ s, charge 6.25 As

Impulse discharge current (10/350) μ s, 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.