

INDUSTRIAL COMPONENT DATA

VAL-MS-T1/T2 48/12.5/1+1/1U/FM 2909629 PHOENIX CONTACT Lightning/surge arrester type 1/2

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS-T1/T2 48/12.5/1+1/1U/FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS-T1/T2 48/12.5/1+1/1U/FM
Catalog number	2909629
Category	Surge protection device for power supply systems
Minimum order	6 Pcs
Document ID	EO-38CC4FBBD1
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Product Overview

Lightning/surge arrester type 1/2

Universal pluggable lightning/surge arrester with varistors for -48VDC applications where the return conductor (positive pole) has been grounded, without risk assessment for lightning protection classes III and IV with remote indication contact.

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 2909629

Packing unit 6 pc

Minimum order quantity 6 pc

Note Made to Order (non-returnable)

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GTIN 4055626370545

Weight per Piece (excluding packing) 222.220 g

Custom tariff number 85363010

Country of origin US (United States)

Dimensions

Height 40.6 mm

Width 70.6 mm

Depth 98.1 mm

Height unit 1 U

Ambient conditions

Degree of protection IP20 (only when all terminal points are used)

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

T2

I

EN type T1 / T2

IEC power supply system TN-S

Mode of protection L-N

N-PE

Mounting type Panel mount

Color gray

Housing material PA 6.6

PBT

Degree of pollution 2

Flammability rating according to UL 94 V-0

Type DIN rail module, two-section, divisible

Surge protection fault message Optical, remote indicator contact

Additional descriptions

Note For installation into a touch protected cabinet. For applications with UC > 500 V distances at the side and distances at the connection area must be minimum of 5 mm between different active parts including earthed parts.

Protective circuit

Nominal voltage UN 60 V AC ±10 % (TN-S)

-48 V DC ±10 % (RRH)

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS-T1/T2 48/12.5/1+1/1U/FM 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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