

INDUSTRIAL COMPONENT DATA

VAL-MS-T1/T2 1000DC-PV/2+V-FM/40 1099593 PHOENIX CONTACT Surge protection

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS-T1/T2 1000DC-PV/2+V-FM/40



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS-T1/T2 1000DC-PV/2+V-FM/40
Catalog number	1099593
Category	Surge protection device for power supply systems
Minimum order	40 Pcs
Document ID	EO-97FA35E554
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Product Overview

Surge protection

Lightning surge / current protection device for isolated and grounded 2-pole photovoltaic 1000V DC direct current systems, for rail mounting, 3-pole base element with remote indication contact, three plug-in protection elements with temperature control, status message on each male connector.

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)
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Additional Product Information

Key Commercial Data

Orderkey 1099593

Packing unit 1

GTIN 4055626949239

Custom tariff number 85363030

Drawings

Classifications

Environmental Product Compliance

Drawings

Dimensional drawing

Circuit diagram

Back to topEnvironmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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[eCl@ss](#)

[eCl@ss 8.0 27130805](#)

[eCl@ss 9.0 27130805](#)

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[ETIM 5.0 EC000941](#)

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[ETIM for 1099593 Earthing, lightning and surge protection \(EC000381\)](#)

[Feature Name](#)

[Feature Value](#)

[System configuration DC \(EF009926\)](#)

Yes

[System configuration IT \(EF009927\)](#)

No

[System configuration TN \(EF009928\)](#)

No

[System configuration TN-C \(EF009929\)](#)

No

[System configuration TN-C-S \(EF009933\)](#)

No

[System configuration TN-S \(EF009930\)](#)

No

[System configuration TT \(EF009931\)](#)

No

[System configuration other \(EF009932\)](#)

No

[Lightning impulse current \(10/350 µs\) \(EF000421\)](#)

5 kA

[Nominal discharge surge current \(8/20\) \(EF004214\)](#)

40 kA

[Max. continuous voltage DC \(EF004777\)](#)

1170 V

[Voltage protection level \(DC+ - DC-\) \(EF009643\)](#)

3.5 kV

[Voltage protection level \(DC+/DC- - PE\) \(EF009644\)](#)

3.5 kV

[Mounting method \(EF000003\)](#)

DIN rail (top hat rail) 35 mm

[Construction size \(EF002566\)](#)

Other

[Max. conductor cross section solid \(solid, stranded\) \(EF008827\)](#)

35 mm²

[Max. conductor cross section flexible \(fine-strand\) \(EF008828\)](#)

25 mm²

With remote signalling contact (EF000422...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS-T1/T2 1000DC-PV/2+V-FM/40 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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