

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
Generated	2026-08-03

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"

[Back to top](#)Classifications

eCl@ss

eCl@ss 8.0 27130805

eCl@ss 9.0 27130805

[Back to top](#)ETIM

ETIM 5.0 EC000941

[Back to top](#)

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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