

INDUSTRIAL COMPONENT DATA

VAL-MB-T2 1500DC-PV/2+V-FM 2905646 PHOENIX CONTACT

Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MB-T2 1500DC-PV/2+V-FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MB-T2 1500DC-PV/2+V-FM
Catalog number	2905646
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-60279625C6
Generated	2026-08-06

Product Overview

Type 2 surge arrester

Surge protection device for isolated and grounded systems of 1500 V DC photovoltaic 2-pole direct voltage, for rail mounting, with remote indication contact, temperature-controlled protection elements, status message on the module.

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 2905646

Packing unit 1 pc

Catalog page Page 64 (C-4-2017)

GTIN 4046356984195

Weight per Piece (excluding packing) 389.400 g

Custom tariff number 85354000

Country of origin DE (Germany)

Dimensions

Height 120 mm

Width 71.2 mm

Depth 65.5 mm (incl. DIN rail 7.5 mm)

Horizontal pitch 4 Div.

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 ≤ 6000 m (amsl (above mean sea level))

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

Shock (operation) 50g (Half-sine / 11 ms / 3x ±X, ±Y, ±Z)

Vibration (operation) 5g (5 - 500 Hz/2.5 h/X, Y, Z)

General

IEC test classification PV II

PV T2

EN type T2

SPD failure behavior OCM (Open-circuit mode)

Connection configuration Y configuration

Installation location Inside

Accessibility Accessible

Installation location of the disconnect device Internal

Mode of protection (L+) - (L-)

(L+) - PE

(L-) - PE

Mounting type DIN rail: 35 mm

Color traffic grey A RAL 7042

Housing material PA 6.6

Degree of pollution 2

Flammability rating according to UL 94 V-0

Type DIN rail module, one-piece

Surge protection fault message Optical, remote indicator contact

Additional descriptions

Note The product is also suitable for applications in PV systems with a max. short-circuit current ISCPV= 15 kA (according to EN 50539-11:2013).

Protective circuit DC voltage side (DC)

Maximum continuous operating vo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MB-T2 1500DC-PV/2+V-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

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.