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-A015493F0E
Generated	2026-11-19

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

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