INDUSTRIAL COMPONENT DATA

VAL-MS 1000DC-PV/2+V 2800628 PHOENIX CONTACT Surge arrester for 2-pos. isolated 1000 V DC voltage systems, f..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS 1000DC-PV/2+V
Catalog number	2800628
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-70E27E72AB
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Product Overview

Surge arrester for 2-pos. isolated 1000 V DC voltage systems, for DIN rail mounting, 3-pos. base element, three plug-in temperature-monitored protective elements, status message on each plug.
Surge protection device for isolated and grounded 2-pole photovoltaic 1000 V DC direct current systems, for rail mounting, 3-pole base element, 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)

Additional Product Information

Dimensions
Height 90 mm
Width 53.4 mm
Depth 65.5 mm
Horizontal pitch 3 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 <= 2000 m (amsl (above mean sea level))
Permissible humidity (operation) 5 % ... 95 %
Shock (operation) 60g (Half sine/11 ms/3x ?X?Y?Z)

Vibration (operation) 7.5g (5-500 Hz/2.5 h/XYZ)
General
Standards/specifications EN 50539-11 2013
IEC test classification PV T2
PV T2
Number of ports One
SPD failure behavior OCM (Open-circuit mode)
Connection configuration Y configuration
SPD design Voltage-limiting type
Installation location Inside
Accessibility Accessible
Installation location of the disconnect device Internal
Mounting type DIN rail: 35 mm
Color jet black RAL 9005
Housing material PA 6.6-FR
PBT-FR
Pollution degree 2
Distance between live and grounded parts 8 mm
Flammability rating according to UL 94 V-0
Type DIN rail module, two-section, divisible
Surge protection fault message optical
Additional descriptions
Note The device is intended for touch proof installation in a housing. Ensure that there is a gap of at least 8 mm between the active and grounded parts in the connection area.
Protective circuit DC voltage side (DC)
Maximum continuous operating voltage UCPV 1170 V DC
Open circuit voltage UOCSTC <= 970 V DC
Short-circuit current rating ISCPV 1000 A
Continuous operating current ICPV < 20 µA
Rated I...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS 1000DC-PV/2+V 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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