

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-661A1540AC
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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 $\leq$ 970 V DC

Short-circuit current rating ISCPV 1000 A

Continuous operating current ICPV $< 20 \mu\text{A}$

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

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