

INDUSTRIAL COMPONENT DATA

VAL-MS 1000DC-PV-ST 2800624 PHOENIX CONTACT Type 2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS 1000DC-PV-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS 1000DC-PV-ST
Catalog number	2800624
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	1 Pcs
Document ID	EO-6E05DF2316
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Product Overview

Type 2 surge protection plug

Replacement plug-in protection for PV arrester combinations from the VAL-MS 1000DC-PV product line-...

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 2800624

Packing unit 1 pc

Catalog page Page 65 (C-4-2017)

GTIN 4046356615099

Weight per Piece (excluding packing) 68.600 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 52.4 mm

Width 17.5 mm

Depth 55.3 mm

Horizontal pitch 1 Div.

Ambient conditions

Degree of protection IP20

Ambient temperature (operation) -40 °C ... 80 °C

Ambient temperature (storage/transport) -40 °C ... 80 °C

Altitude $\leq$ 2000 m (amsl (above mean sea level))

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

Shock (operation) 60g (Half-sine / 11 ms / $3x \pm X, \pm Y, \pm Z$)

Vibration (operation) 7.5g (5-500 Hz/2.5 h/XYZ)

General

IEC test classification PV II

PV T2

EN type T2

SPD failure behavior OCM (Open-circuit mode)

Installation location Inside

Accessibility Accessible

Installation location of the disconnect device Internal

Mounting type on base element

Color jet black RAL 9005

Housing material PA 6.6-FR

Degree of pollution 2

Flammability rating according to UL 94 V-0

Type Male

Surge protection fault message optical

Protective circuit DC voltage side (DC)

Maximum continuous operating voltage UCPV 585 V DC

Short-circuit current rating ISCPV 2000 A

Continuous operating current ICPV $< 20 \mu A$

Standby power consumption PC $\leq 25 \text{ mVA}$

Nominal discharge current (8/20) μs 15 kA

Maximum discharge current $I_{\text{max}}(8/20) \mu s$ 40 kA

Voltage protection level Up $\leq 1.9 \text{ kV}$

Residual voltage Ures $\leq 1.9 \text{ kV}$ (at In)

$\leq 1.5 \text{ kV}$ (at 5 kA)

$\leq 1.7 \text{ kV}$ (at 10 kA)

$\leq 2 \text{ kV}$ (at 20 kA)

$\leq 2.3 \text{ kV}$ (at 30 kA)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS 1000DC-PV-ST 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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