

INDUSTRIAL COMPONENT DATA

VAL-MS 230/2+0 2800103 PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS 230/2+0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS 230/2+0
Catalog number	2800103
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-36E7B7785A
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Product Overview

Type 2 surge arrester

2-pole surge arrester for rail mounting for 2+0 circuit, with thermal / dynamic control, optical fault indication, assigned voltage of the arrester: 275 V AC.

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 2800103

Packing unit 1 pc

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GTIN 4046356498845

Weight per Piece (excluding packing) 250.000 g

Custom tariff number 85363030

Country of origin DE (Germany)

Dimensions

Height 89.8 mm

Width 35.6 mm

Depth 65.7 mm (incl. DIN rail 7.5 mm)

Horizontal pitch 2 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 $\leq$ 2000 m (amsl (above mean sea level))

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

Shock (operation) 25g (Half-sine / 11 ms / $3x \pm X, \pm Y, \pm Z$)

Vibration (operation) 5g (10 ... 500 Hz / 2.5 h / X, Y, Z)

General

IEC test classification II

T2

EN type T2

IEC power supply system TN-C

Mode of protection L-PEN

Mounting type DIN rail: 35 mm

Color jet black RAL 9005

Housing material PA 6.6

PBT

Degree of pollution 2

Flammability rating according to UL 94 V-0

Type DIN rail module, two-section, divisible

Surge protection fault message optical

Protective circuit

Nominal voltage UN 240/415 V AC (TN-C)

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous voltage UC 275 V AC

Rated load current IL 80 A

Residual current IPE $\leq$ 0.9 mA

Standby power consumption PC $\leq$ 240 mVA

Nominal discharge current $I_n(8/20)$ μ s 20 kA

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

Short-circuit current rating ISCCR 25 kA

Voltage protection level Up $\leq$ 1.35 kV

Residual voltage Ures $\leq$ 1.35 kV (at I_n)

$\leq$ 1.1 kV...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS 230/2+0 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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