

INDUSTRIAL COMPONENT DATA

VAL-MS 320/1+1-FM 2804393 PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS 320/1+1-FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS 320/1+1-FM
Catalog number	2804393
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-C176D76909
Generated	2026-08-04

Product Overview

Type 2 surge arrester

Surge arrester for 3-conductor power supply systems (L1, N, PE), consisting of base element with remote indication contact and plug-in protections, for installation on NS 35.

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 2804393

Packing unit 1 pc

Catalog page Page 53 (C-4-2017)

GTIN 4046356317795

Weight per Piece (excluding packing) 233.500 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 96.8 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-S

TT

Mode of protection L-N

L-PE

N-PE

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

Number of positions 2

Surge protection fault message Optical, remote indicator contact

Protective circuit

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

240/415 V AC (TT)

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous operating voltage UC(L-N) 335 V AC

Maximum continuous operating voltage UC(L-PE) 335 V AC

Maximum continuous voltage UC(N-PE) 260 V AC

Rated load current IL 80 A

Residual current IPE $\leq$ 5 μ A

Standby power consumption PC $\leq$ 150 mVA

Nominal discharge current I...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS 320/1+1-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.