

INDUSTRIAL COMPONENT DATA

VAL-MS 385/80/1+1-FM 2921284 PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS 385/80/1+1-FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS 385/80/1+1-FM
Catalog number	2921284
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-D0B0F05F83
Generated	2026-08-04

Product Overview

Type 2 surge arrester

Type 2 surge arrester for 3-conductor power systems (L1, N, PE), with connector lock and remote indication contact.

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 2921284

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 49 (C-6-2013)

GTIN 4046356280006

Weight per Piece (excluding packing) 330.900 g

Custom tariff number 85363030

Country of origin DE (Germany)

Dimensions

Height 96.8 mm

Width 35.6 mm

Depth 77.5 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) 30g (Half-sine / 11 ms / $3x \pm X, \pm Y, \pm Z$)

Vibration (operation) 7.5g (10 ... 500 Hz / 2.5 h / X, Y, Z)

General

IEC test classification II

T2

EN type T2

IEC power supply system TT

TN-C

TN-S

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

Surge protection fault message Optical, remote indicator contact

Protective circuit

Nominal voltage UN 240 V AC (TN-S)

240 V AC (TT)

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous operating voltage UC(L-N) 385 V AC

Maximum continuous voltage UC(N-PE) 264 V AC

Rated load current IL 80 A

Residual current IPE $\leq$ 5 μ A

Standby power consumption PC $\leq$ 231 mVA

Nominal discharge current $I_n(8/20)$ μ s 40 kA

Maximum discharge current...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS 385/80/1+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.