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-9A6D939267
Generated	2026-11-19

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 <= 2000 m (amsl (above mean sea level))
Permissible humidity (operation) 5 % ... 95 %
Shock (operation) 30g (Half-sine / 11 ms / 3x ±X, ±Y, ±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 <= 5 µA
Standby power consumption PC <= 231 mVA
Nominal discharge current In(8/20) µs 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

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