INDUSTRIAL COMPONENT DATA

VAL-MS 580/3+0-FM 2920447 PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS 580/3+0-FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS 580/3+0-FM
Catalog number	2920447
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-D7EE2F0B04
Generated	2026-11-18

Product Overview

Type 2 surge arrester
Surge arrester for 4-conductor power supply systems (L1, L2, L3, PEN), 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 2920447
Packing unit 1 pc
Catalog page Page 41 (C-6-2015)
GTIN 4046356163569
Weight per Piece (excluding packing) 386.100 g
Custom tariff number 85363030
Country of origin DE (Germany)
Dimensions
Height 98.7 mm
Width 53.4 mm
Depth 65.7 mm (incl. DIN rail 7.5 mm)
Horizontal pitch 3 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) 25g (Half-sine / 11 ms / 3x ±X, ±Y, ±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
IT
Mode of protection L-PE
L-PEN
Mounting type DIN rail: 35 mm
Color jet black RAL 9005
Housing material PA 6.6
PBT
Degree of pollution 2
Distance between live and grounded parts 5 mm
Flammability rating according to UL 94 V-0
Type DIN rail module, two-section, divisible
Number of positions 3
Surge protection fault message Optical, remote indicator contact
Additional descriptions
Note For use in all low-voltage systems between L-PEN.
Only for use in IT systems between L-PE if the bodies of the equipment in the low-voltage system are connected to the grounding system of the transformer station. (common grounding of the HV transformer station and the bodies of the LV consumer's installation. RE=...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS 580/3+0-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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