INDUSTRIAL COMPONENT DATA

VAL-MS 580-ST 2920434 PHOENIX CONTACT Type 2 surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS 580-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS 580-ST
Catalog number	2920434
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	1 Pcs
Document ID	EO-890762297D
Generated	2026-11-18

Product Overview

Type 2 surge protection plug
Plug-in type 2 surge protection with high-power varistor for VAL-MS base element, with thermal control, optical fault indication. Workmanship: 580 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 2920434
Packing unit 10 pc
Catalog page Page 62 (C-4-2017)
GTIN 4046356163682
Weight per Piece (excluding packing) 59.630 g
Custom tariff number 85363030
Country of origin DE (Germany)
Dimensions
Height 52.4 mm
Width 17.5 mm
Depth 55.3 mm
Horizontal pitch 1 Div.

Ambient conditions
Degree of protection IP20
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
IT
Mode of protection L-PE
L-PEN
Mounting type on base element
Color jet black RAL 9005
Housing material PA 6.6
Degree of pollution 2
Distance between live and grounded parts 5 mm
Flammability rating according to UL 94 V-0
Type Male
Number of positions 1
Surge protection fault message optical
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= RAaccording to IEC 60364-4-442/VDE 0100-442 Figure 44D/example a)
Protective circuit
Nominal voltage UN 400/690 V AC (TN)
500 V AC....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS 580-ST with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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