

**INDUSTRIAL COMPONENT DATA**

# VAL-MS/1+1-BE 2920528 PHOENIX CONTACT Type 2 surge protection base element

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



|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                                   |
| MPN / Reference | VAL-MS/1+1-BE                                                     |
| Catalog number  | 2920528                                                           |
| Category        | Accessories/spare parts for surge protection power supply systems |
| Minimum order   | 1 Pcs                                                             |
| Document ID     | EO-64EB038D99                                                     |
| Generated       | 2026-08-01                                                        |

## Product Overview

Type 2 surge protection base element

Base element for type 2 arresters from the VALVETRAB MS product series. Execution for single-phase power supplies with separate N and PE conduction.

**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 2920528

Packing unit 1 pc

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GTIN 4046356298988

Weight per Piece (excluding packing) 159.400 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Height 89.8 mm

Width 35.6 mm

Depth 51.5 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) 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

Mounting type DIN rail: 35 mm

Color jet black RAL 9005

Housing material PBT

Degree of pollution 2

Flammability rating according to UL 94 V-0

Type Base element, DIN rail mounting

Number of positions 2

Surge protection fault message none

Protective circuit

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous voltage UC 500 V AC

Rated load current IL 80 A

Short-circuit current rating ISCCR 25 kA

Max. backup fuse with V-type through wiring 80 A (gG)

Max. backup fuse with branch wiring 200 A (gG)

Connection data

Connection method Screw connection

Screw thread M5

Tightening torque 3 Nm (1,5 mm<sup>2</sup> ... 16 mm<sup>2</sup>)

4.5 Nm (25 mm<sup>2</sup> ... 35 mm<sup>2</sup>)

Stripping length 16 mm

Conductor cross section flexible 1.5 mm<sup>2</sup> ... 25 mm<sup>2</sup>

Conductor cross sect...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / VAL-MS/1+1-BE with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

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