

INDUSTRIAL COMPONENT DATA

VAL-MS/3+1-BE 2838885 PHOENIX CONTACT Type 2 surge protection base element

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS/3+1-BE



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS/3+1-BE
Catalog number	2838885
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	1 Pcs
Document ID	EO-CD3A45834E
Generated	2026-07-29

Product Overview

Type 2 surge protection base element

Base element for type 2 arresters from the VALVETRAB MS product series. Execution for three-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 2838885

Packing unit 1 pc

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GTIN 4017918171940

Weight per Piece (excluding packing) 209.100 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Height 89.8 mm

Width 71 mm

Depth 51.5 mm (incl. DIN rail 7.5 mm)

Horizontal pitch 4 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 4

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 125 A (gG)

Connection data

Connection method Screw connection

Screw thread M5

Tightening torque 3 Nm (1,5 mm² ... 16 mm²)

4.5 Nm (25 mm² ... 35 mm²)

Stripping length 16 mm

Conductor cross section flexible 1.5 mm² ... 25 mm²

Conductor cross sectio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS/3+1-BE 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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