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-3604B55EE8
Generated	2026-11-18

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
Catalog page Page 58 (C-4-2017)
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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