INDUSTRIAL COMPONENT DATA

VAL-MS/3+0-BE 2881816 PHOENIX CONTACT Type 2 surge protection base element

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS/3+0-BE
Catalog number	2881816
Category	Accessories/spare parts for surge protection power supply systems
Minimum order	1 Pcs
Document ID	EO-54625487E0
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 PEN conductor.

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 2881816
Packing unit 1 pc
Catalog page Page 59 (C-4-2017)
GTIN 4046356130417
Weight per Piece (excluding packing) 203.200 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions
Height 89.8 mm
Width 53.4 mm
Depth 51.5 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
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 3
Surge protection fault message none
Additional descriptions
Note For installation into a touch protected cabinet. For applications with UC> 500 V distances at the side and distances at the connection area must be minimum of 5 mm between different active parts including earthed parts.
Protective circuit
Nominal frequency fN 50 Hz (60 Hz)
Maximum continuous voltage UC 800 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 wi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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