INDUSTRIAL COMPONENT DATA

VAL-MS 60 2868020 PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-MS 60



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-MS 60
Catalog number	2868020
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-E389651501
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Product Overview

Type 2 surge arrester
Surge arrester consisting of base element and plug-in protection with high-power varistor, for mounting on NS 35/7.5, one channel
Surge arresters consisting of base element and protective connector with high-capacity varistor, for mounting on NS 35/7.5, 1-channel

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

Technical dataProduct propertiesProduct type Surge arrester
Product family VALVETRAB MS
IEC test classification II
T2
EN type T2
IEC power supply system TN
Type DIN rail module, two-section, divisible
Number of positions 1
Surge protection fault message optical
Data management status
Article revision 13

Insulation characteristics
Overvoltage category III
Pollution degree 2
Electrical propertiesNominal frequency fN 50 Hz (60 Hz)
Connection dataConnection 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 section rigid 1.5 mm² ... 35 mm²
Conductor cross section AWG 15 ... 2
Connection method Fork-type cable lug
Conductor cross section flexible 1.5 mm² ... 16 mm²
DimensionsDimensional drawing
Width 17.6 mm
Height 89.8 mm
Depth 65.7 mm (incl. DIN rail 7.5 mm)
Horizontal pitch 1 Div.
Material specificationsColor black (RAL 9005)
Flammability rating according to UL 94 V-0
CTI value of material 600
Insulating material PA 6.6/PBT
Material group I
Housing material PA 6.6
PBT
Protective circuitMode of protection L-PEN
Direction of action 1L-N/PE
Nominal voltage UN 60 V AC (TN)
60 V DC
-48 V DC (RRH)
Nominal frequency fN 50 Hz (60 Hz)
Maximum continuous voltage UC 75 V AC
100 V DC
Rated load current IL 80 A
Residual current IPE <= 0.45 mA
Standby power consumption PC <= 35 mVA
Nominal discharge current In(8/20) µs 15 kA
Maximum discharge c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-MS 60 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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