

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
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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)
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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

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