

INDUSTRIAL COMPONENT DATA

VAL-CP-MCB-1S-350/40/FM 2882763 PHOENIX CONTACT

Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-CP-MCB-1S-350/40/FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-CP-MCB-1S-350/40/FM
Catalog number	2882763
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-0A974218E2
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Product Overview

Type 2 surge arrester

Combination of type 2 surge protection and arrester pre-fuse, with unloader and pre-fuse monitoring, in combination with remote indication contact. Execution: 3-conductor system (L1, N, PE), NS 35 load-bearing rail mounting

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

Key Commercial Data

Orderkey 2882763

Packing unit 1 pc

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GTIN 4046356175821

Weight per Piece (excluding packing) 501.500 g

Custom tariff number 85363010

Country of origin HU (Hungary)

Dimensions

Height 101 mm

Width 72 mm

Depth 76 mm

Horizontal pitch 4 Div.

Ambient conditions

Degree of protection IP20

Ambient temperature (operation) -25 °C ... 60 °C

Ambient temperature (storage/transport) -40 °C ... 80 °C

Altitude $\leq$ 2000 m (amsl (above mean sea level))

Permissible humidity (operation) 5 % ... 95 %

General

IEC test classification II

T2

EN type T2

IEC power supply system TN-S

TT

Mode of protection L-N

L-PE

N-PE

Mounting type DIN rail: 35 mm

Color light grey RAL 7035

Housing material PBT-FR

Degree of pollution 2

Flammability rating according to UL 94 V-0

Type DIN rail module, two-section, divisible

Number of positions 2

Surge protection fault message Optical, remote indicator contact

Protective circuit

Nominal voltage UN 240 V AC (TN-S)

240 V AC (TT)

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous operating voltage UC(L-N) 350 V AC

Maximum continuous operating voltage UC(L-PE) 350 V AC

Maximum continuous voltage UC(N-PE) 264 V AC

Residual current IPE $\leq$ 1 μ A

Nominal discharge current $I_n(8/20)$ μ s 20 kA

Maximum discharge current $I_{max}(8/20)$ μ s 30 kA

Follow current interrupt rating $I_{fi}(N-PE)$ 100 A

Short-circuit current rating ISCCR 25 kA

Voltage protection level $U_p(L-N)$ $\leq$ 2.5 kV

Voltage protection level $U_p(N-PE)$ $\leq$ 1.7 kV

Residual voltage $U_{res}(L-N)$...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-CP-MCB-1S-350/40/FM 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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