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-24C67ECC8C
Generated	2026-11-18

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)

Additional Product Information

Key Commercial Data
Orderkey 2882763
Packing unit 1 pc
Catalog page Page 66 (C-4-2017)
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 <= 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 <= 1 µA
Nominal discharge current In(8/20) µs 20 kA
Maximum discharge current Imax(8/20) µs 30 kA
Follow current interrupt rating Ifi(N-PE) 100 A
Short-circuit current rating ISCCR 25 kA
Voltage protection level Up(L-N) <= 2.5 kV
Voltage protection level Up(N-PE) <= 1.7 kV
Residual voltage Ures(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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