INDUSTRIAL COMPONENT DATA

VAL-SEC-T2-3C-175-FM 2905353 VAL-CP-3C-175 2859466 PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-SEC-T2-3C-175-FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-SEC-T2-3C-175-FM
Catalog number	VAL-CP-3C-175 2859466
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-8F9F71003D
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Product Overview

Type 2 surge arrester
Plug-in surge arrester according to type 2/class II, for three-phase power supply networks with PE and N routing combined in one conductor (4-conductor system: L1, L2, L3, PEN), with remote indication contact.

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 2905353
Packing unit 1 pc
Catalog page Page 48 (C-4-2017)
GTIN 4046356948258
Weight per Piece (excluding packing) 297.000 g
Custom tariff number 85363030
Country of origin DE (Germany)
Dimensions
Height 97.9 mm
Width 37.3 mm
Depth 74.5 mm (incl. DIN rail 7.5 mm)
Horizontal pitch 2 Div.

Ambient conditions
Degree of protection IP20
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) 30g (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
IEC power supply system TN-C
Mode of protection L-PEN
Mounting type DIN rail: 35 mm
Color light grey RAL 7035
traffic grey A RAL 7042
Housing material PA 6.6-FR 20% GF
PBT-FR
Degree of pollution 2
Flammability rating according to UL 94 V-0
Type DIN rail module, two-section, divisible
Number of positions 3
Surge protection fault message Optical, remote indicator contact
Protective circuit
Nominal voltage UN 120/208 V AC (TN-C)
Nominal frequency fN 50 Hz (60 Hz)
Maximum continuous voltage UC 175 V AC
Rated load current IL 40 A (Biconnect M4 fork-type cable lug 6 mm²)
63 A (TWIN ferrule 2 x 10 mm²)
Nominal discharge current In(8/20) µs 20 kA
Maximum discharge current Imax(8/20) µs 40 kA
Short-circuit current rating ISCCR 25 kA (in case of 315 A gG backup fuse)
50....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-SEC-T2-3C-175-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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