

INDUSTRIAL COMPONENT DATA

VAL-SEC-T2-1S-175-FM 2905348 VAL-CP-1S-175 2859479

PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-SEC-T2-1S-175-FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-SEC-T2-1S-175-FM
Catalog number	VAL-CP-1S-175 2859479
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-E52B2ADE84
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Product Overview

Type 2 surge arrester

Plug-in surge charger according to type 2/class II, for single-phase power supply networks with separate N and PE (3-conductor system: L1, N, PE), 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 2905348

Packing unit 1 pc

Catalog page Page 49 (C-4-2017)

GTIN 4046356948036

Weight per Piece (excluding packing) 207.800 g

Custom tariff number 85363030

Country of origin DE (Germany)

Dimensions

Height 97.9 mm

Width 25.4 mm

Depth 74.5 mm (incl. DIN rail 7.5 mm)

Horizontal pitch 1.4 Div.

Ambient conditions

Degree of protection IP20

Ambient temperature (operation) -40 °C ... 80 °C

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

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

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

Shock (operation) 30g (Half-sine / 11 ms / $3x \pm X, \pm Y, \pm Z$)

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-S

TT

Mode of protection L-N

L-PE

N-PE

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 2

Surge protection fault message Optical, remote indicator contact

Protective circuit

Nominal voltage UN 120 V AC (TN-S)

120 V AC (TT)

Nominal frequency f_N 50 Hz (60 Hz)

Maximum continuous operating voltage UC(L-N) 175 V AC

Maximum continuous operating voltage UC(L-PE) 175 V AC

Maximum continuous voltage UC(N-PE) 150 V AC

Rated load current IL 40 A (Biconnect M4 fork-type cable lug 6 mm²)

63 A (TWIN ferrule 2 x 10 mm²)

Residual current IPE $\leq$ 1 μ A

No...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-SEC-T2-1S-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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