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-2F4C4110AA
Generated	2026-11-19

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 <= 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-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 fN 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 <= 1 µA
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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