INDUSTRIAL COMPONENT DATA

VAL-SEC-T2-2+F-48DC-FM 1033786 PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-SEC-T2-2+F-48DC-FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-SEC-T2-2+F-48DC-FM
Catalog number	1033786
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-1ECC583C44
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Product Overview

Type 2 surge arrester
Leak-current-free plug-in surge charger for 2-pole DIRECT current ground and insulated systems with linear operating characteristics up to 48 V DC, for rail mounting, 3pole base element with remote indication contact, three plug-in protection elements with temperature control, status signaling on each connector.

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 1033786
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4055626539966
Weight per Piece (excluding packing) 267.470 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 <= 6000 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 DC
Mode of protection (DC+) - (DC-)
(DC+/DC-) - 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
Surge protection fault message Optical, remote indicator contact
Protective circuit
Nominal voltage UN 40 V DC ... 60 V DC
Maximum continuous voltage UC 75 V DC
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 <= 5 µA
Nominal discharge current In(8/20) µs 20 kA
Maximum discharge current Imax(8/20) µs 40 kA
Total discharge current Itotal(8/20) µs 40 kA
Short-circuit current rating ISCCR 0....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-SEC-T2-2+F-48DC-FM with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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