

INDUSTRIAL COMPONENT DATA

VAL-SEC-T2-2+F-220DC-FM 1033789 PHOENIX CONTACT

Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-SEC-T2-2+F-220DC-FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-SEC-T2-2+F-220DC-FM
Catalog number	1033789
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-120DA49FAA
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Product Overview

Type 2 surge arrester

Plug-in surge arrester without leakage current for isolated and grounded 2-pole DC systems with linear operating characteristics up to 220 V DC, for rail mounting, 3-pole 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)
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Additional Product Information

Key Commercial Data

Orderkey 1033789

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4055626539720

Weight per Piece (excluding packing) 287.430 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 ≤ 5000 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 200 V DC ... 220 V DC

Maximum continuous voltage UC 250 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 $I_n(8/20)$ μs 20 kA

Maximum discharge current $I_{max}(8/20)$ μs 40 kA

Total discharge current $I_{total}(8/20)$ μs 40 kA

Short-circuit current rating ISCCR...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-SEC-T2-2+F-220DC-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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