

INDUSTRIAL COMPONENT DATA

PT 2+1-S-48DC/FM 2817958 PHOENIX CONTACT Type 3 surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2+1-S-48DC/FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2+1-S-48DC/FM
Catalog number	2817958
Category	Surge protection device for terminal equipment
Minimum order	1 Pcs
Document ID	EO-C2DC096A59
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Product Overview

Type 3 surge protection device

Surge arrester for rail mounting as device protection for terminal equipment, fault signal on the connector and warning contact on the two-piece, plug-in base element. Execution: 48 V DC

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 2817958

Packing unit 10 pc

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GTIN 4017918574987

Weight per Piece (excluding packing) 63.460 g

Custom tariff number 85363090

Country of origin DE (Germany)

Dimensions

Height 90 mm

Width 17.7 mm

Depth 65.5 mm (incl. DIN rail 7.5 mm)

Horizontal pitch 1 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 %

General

EN type T3

Number of ports One

Mode of protection L-N

L-PE

N-PE

(L+) - (L-)

(L+/L-) - PE

Mounting type DIN rail: 35 mm

Color jet black RAL 9005

Housing material PA 6.6

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 48 V DC

Maximum continuous voltage UC 60 V DC

Rated load current IL 26 A (30 °C)

Residual current IPE $\leq$ 10 μ ANominal discharge current $I_n(8/20)$ μ s 500 A

Combination wave UOC 1 kV (2 ?)

6 kV (12 ?)

Voltage protection level Up $\leq$ 120 VResponse time $t_A(L-N)$ $\leq$ 1 nsResponse time $t_A(L-PE)$ $\leq$ 1 ns

Short-circuit current rating ISCCR 200 A (without backup fuse for Uc)

Max. backup fuse with branch wiring 50 A (gG)

Maximum backup fuse for through wiring 25 A (gG)

Indicator/remote signaling

Switching function N/C contact

Operating voltage 7 V DC ... 70 V D...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2+1-S-48DC/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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