

INDUSTRIAL COMPONENT DATA

TTC-6P-2X1-F-48DC-UT-I 2908208 PHOENIX CONTACT Surge protection, consisting of protective plug and base elem..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-2X1-F-48DC-UT-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6P-2X1-F-48DC-UT-I
Catalog number	2908208
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-A9E09CCED0
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Product Overview

Surge protection, consisting of protective plug and base element, with integrated status indicator for two signal wires with common reference potential, e.g., Digital IN/OUT. Indirect grounding via gas-filled surge arrester.

Surge protection, consisting of plug-in protection and base element, with integrated status indication for two signal conductors with common reference potential, e.g. digital INPUT/OUTPUT. Indirect grounding by gas discharger.

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 2908208

Packing unit 1 pc

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GTIN 4055626282916

Weight per Piece (excluding packing) 40.000 g

Custom tariff number 85363010

Country of origin DE (Germany)

Drawings

Ambient conditions

Protective circuit

Connection data

Environmental Product Compliance

Dimensions

General

Additional technical data

Standards and Regulations

Classifications

Drawings

Diagram

Derating curve at 55.2 V DC

Diagram

Derating curve at 30 V AC

Dimensional drawing

Pictogram

Circuit diagram

[Back to top](#)Dimensions

Height 105.8 mm

Width 6.2 mm +0.1 mm

Depth 100 mm (incl. DIN rail 7.5 mm)

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Ambient temperature (operation) -40 °C ... 85 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

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

Altitude ≤ 4000 m (amsl (above mean sea level))

Degree of protection IP20

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Housing material PBT

Flammability rating according to UL 94 V-0

Color traffic grey A RAL 7042

light grey RAL 7035

Mounting type DIN rail: TH 35 - 7.5 mm

Type DIN rail module, two-section, divisible

Direction of action Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground

[Back to top](#)Protective circuit

IEC test classification C1

C2

C3

D1

Nominal voltage UN 48 V DC

Maximum continuous voltage UC 53 V DC

30 V AC

Rated current 220 mA DC (75 °C)

600 mA AC (56 °C)

Operating effective current I_{Cat UC} ≤ 5 μA

Residual current I_{PE} ≤ 1 μA

Nominal discharge current I_{n(8/20)} μs (line-e...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6P-2X1-F-48DC-UT-I with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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