

**INDUSTRIAL COMPONENT DATA**

# TTC-6P-1X2-F-M-24DC-UT-I 2906781 PHOENIX CONTACT

## Surge protection, consisting of protective plug and base el..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-1X2-F-M-24DC-UT-I



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | TTC-6P-1X2-F-M-24DC-UT-I                                 |
| Catalog number  | 2906781                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-79F8328186                                            |
| Generated       | 2026-08-06                                               |

### Product Overview

Surge protection, consisting of protective plug and base element, with integrated status indicator and disconnect knife for a 2-wire floating signal circuit, e.g., 0(4) ... 20 mA current loop. Indirect grounding via gas-filled surge arrester.

Surge protection, consisting of plug-in protection and base element, with integrated status indication and disconnect blade for a potential-free 2-wire signal circuit, e.g. 0(4) current loop ... 20 mA. Indirect earthing by gas discharger, suitable for HART.

**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 2906781

Packing unit 1 pc

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GTIN 4055626135380

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

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 24 V DC

Maximum continuous voltage UC 30 V DC

21 V AC

Rated current 600 mA (56 °C)

Operating effective current I<sub>Cat UC</sub> ≤ 5 μA

Residual current I<sub>PE</sub> ≤ 1 μA

Nominal discharge current I<sub>n(8/20)</sub> μs (line-line) 5 kA

Nominal discharge current I<sub>n(8/20)</sub> μs (line-earth) 5 kA

Nominal discharge...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6P-1X2-F-M-24DC-UT-I with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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