

**INDUSTRIAL COMPONENT DATA**

# TTC-6-1X2-M-24DC-UT-I 2906713 PHOENIX CONTACT Surge protection with integrated status indicator and knife di..

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



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | TTC-6-1X2-M-24DC-UT-I                                    |
| Catalog number  | 2906713                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-0A87D575D3                                            |
| Generated       | 2026-08-05                                               |

## Product Overview

Surge protection with integrated status indicator and knife disconnection for a 2-wire floating signal circuit, e. g. 0(4)...20 mA current loop, HART-compatible.

Surge protection with integrated status indication and blade interrupt for a potential-free 2-wire signal circuit, e.g. 0(4) current loop... 20 mA, EX e approval for zone 2, 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 2906713

Packing unit 1 pc

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GTIN 4055626134376

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 83.5 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

Mounting type DIN rail: TH 35 - 7.5 mm

Type DIN rail module, one-piece

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 (40 °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

Pulse discharge current I<sub>imp(10/350)</sub> μs (line-lin...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6-1X2-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

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