

## INDUSTRIAL COMPONENT DATA

# TTC-6P-2-HC-24DC-UT-I 2906811 PHOENIX CONTACT Surge protection, consisting of protective plug and base eleme..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-2-HC-24DC-UT-I



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | TTC-6P-2-HC-24DC-UT-I                                    |
| Catalog number  | 2906811                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-CB6F4E386C                                            |
| Generated       | 2026-08-05                                               |

## Product Overview

Surge protection, consisting of protective plug and base element, with integrated status indicator for a 2-wire floating signal circuit with high nominal current.

Surge protection, consisting of plug-in protection and base element, with integrated status indication for a potential-free 2-wire signal circuit with high rated current.

## 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 2906811

Packing unit 1 pc

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GTIN 4055626135755

Weight per Piece (excluding packing) 60.000 g

Custom tariff number 85363010

Country of origin DE (Germany)

Drawings

Ambient conditions

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Standards and Regulations

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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

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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 6 A (55 °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) 0.5 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 (lin...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6P-2-HC-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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