

## INDUSTRIAL COMPONENT DATA

# TTC-6-MOV-C-24DC-UT-I 2906837 PHOENIX CONTACT

## Medium surge protection with integrated status indicator for a..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6-MOV-C-24DC-UT-I



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | TTC-6-MOV-C-24DC-UT-I                                    |
| Catalog number  | 2906837                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-1A1BDA7C37                                            |
| Generated       | 2026-08-04                                               |

## Product Overview

Medium surge protection with integrated status indicator for a signal wire with grounded reference potential.

## 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 &gt; Trabtech (TT)

## Additional Product Information

## Key Commercial Data

Orderkey 2906837

Packing unit 1 pc

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GTIN 4055626136936

Weight per Piece (excluding packing) 32.000 g

Custom tariff number 85363010

Country of origin DE (Germany)

Drawings

Ambient conditions

Protective circuit

Standards and Regulations

Classifications

Dimensions

General

Connection data

Environmental Product Compliance

Drawings

Diagram

Dimensional drawing

Circuit diagram

[Back to top](#)Dimensions

Height 92 mm

Width 6.2 mm

Depth 69.5 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  $\leq$  4000 m (amsl (above mean sea level))

Degree of protection IP20 (with end cover)

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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: 35 mm

Type DIN rail module, one-piece

Direction of action Line-Earth Ground

[Back to top](#)Protective circuit

IEC test classification C1

C2

C3

Nominal voltage UN 24 V DC

Maximum continuous voltage UC 30 V DC

21 V AC

Rated current 10 A (60 °C)

Operating effective current  $I_{Cat}$  UC  $\leq$  100  $\mu$ A

Residual current IPE  $\leq$  100  $\mu$ A

Nominal discharge current  $I_n(8/20)$   $\mu$ s (line-earth) 2 kA

Voltage protection level  $U_p$ (line-earth)  $\leq$  110 V (C1 - 700 V/350 A)

$\leq$  160 V (C2 - 4 kV)

$\leq$  80 V (C3 - 25 A)

Response time  $t_A$ (line-earth)  $\leq$  25 ns

Input attenuation aE, asym. typ. 0.3 dB ( $\leq$  60 kHz / 150 ?)

Cut-off...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6-MOV-C-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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