INDUSTRIAL COMPONENT DATA

# TTC-6-2XTVSD-12DC-PT 2906807 PHOENIX CONTACT Fine surge protection for two signal wires with common referenc..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6-2XTVSD-12DC-PT**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | TTC-6-2XTVSD-12DC-PT |
| Catalog number | 2906807 |
| Category | Surge protection device for data networks/MCR-technology |
| Minimum order | 1 Pcs |
| Document ID | EO-ED5974FBD8 |
| Generated | 2026-11-18 |

## Product Overview

Fine surge protection for two signal wires with common reference potential.

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Trabtech (TT) |

## Additional Product Information

Key Commercial Data
Orderkey 2906807
Packing unit 1 pc
Catalog page Page 148 (C-4-2019)
GTIN 4055626135717
Weight per Piece (excluding packing) 0.000 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 topDimensions
Height 105.8 mm
Width 6.2 mm +0.1 mm
Depth 69.5 mm (incl. DIN rail 7.5 mm)
Back to topAmbient conditions
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
Back to topGeneral
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-Earth Ground
Back to topProtective circuit
IEC test classification C1
C2
C3
Nominal voltage UN 12 V DC
Maximum continuous voltage UC 15 V DC
10 V AC
Rated current 6 A (55 °C)
Residual current IPE <= 200 µA
Nominal discharge current In(8/20) µs (line-earth) 0.5 kA
Total discharge current Itotal(8/20) µs 2 kA
Voltage protection level Up(line-earth) <= 35 V (C1 - 1 kV/500 A)
<= 40 V (C2 - 2 kV/1 kA)
<= 25 V (C3 - 25 A)
<= 25 V (C3 - 100 A)
Response time tA(line-earth) <= 1 ns
Input attenuation aE, asym. typ. 0.3 dB (<=...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6-2XTVSD-12DC-PT with the required quantity to info@electricaonline.com or use 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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