

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



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-20AF8E034D
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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

Catalog path	PHOENIX CONTACT > Trabtech (TT)
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Additional Product Information

Key Commercial Data

Orderkey 2906807

Packing unit 1 pc

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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 $\leq 200 \mu\text{A}$

Nominal discharge current $I_n(8/20) \mu\text{s}$ (line-earth) 0.5 kA

Total discharge current $I_{\text{total}}(8/20) \mu\text{s}$ 2 kA

Voltage protection level $U_p(\text{line-earth}) \leq 35 \text{ V}$ (C1 - 1 kV/500 A)

$\leq 40 \text{ V}$ (C2 - 2 kV/1 kA)

$\leq 25 \text{ V}$ (C3 - 25 A)

$\leq 25 \text{ V}$ (C3 - 100 A)

Response time $t_A(\text{line-earth}) \leq 1 \text{ ns}$

Input attenuation aE, asym. typ. 0.3 dB ($\leq \dots$)

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

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