

INDUSTRIAL COMPONENT DATA

TTC-6-2XTVSD-24DC-PT 2906808 PHOENIX CONTACT

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Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6-2XTVSD-24DC-PT



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6-2XTVSD-24DC-PT
Catalog number	2906808
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-BBEC6C32F
Generated	2026-08-06

Product Overview

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Fine surge protection for two signal conductors 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)

Additional Product Information

Key Commercial Data

Orderkey 2906808

Packing unit 1 pc

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GTIN 4055626135724

Weight per Piece (excluding packing) 40.000 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 105.8 mm

Width 6.2 mm +0.1 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

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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-Earth Ground

[Back to top](#)Protective circuit

IEC test classification C1

C3

Nominal voltage UN 24 V DC

Maximum continuous voltage UC 30 V DC

21 V AC

Rated current 6 A (55 °C)

Residual current IPE $\leq$ 10 μ A

Nominal discharge current $I_n(8/20)$ μ s (line-earth) 0.5 kA

Total discharge current $I_{total}(8/20)$ μ s 1 kA

Voltage protection level U_p (line-earth) $\leq$ 60 V (C1 - 1 kV/500 A)

$\leq$ 45 V (C3 - 25 A)

$\leq$ 50 V (C3 - 100 A)

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

Input attenuation a_E , asym. typ. 0.3 dB ($\leq$ 300 kHz / 150 ?)

Cut-off f...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6-2XTVSD-24DC-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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