

INDUSTRIAL COMPONENT DATA

TTC-6-2-24DC-PT 2906806 PHOENIX CONTACT Surge protection for resistance-dependent measuring signals.

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6-2-24DC-PT
Catalog number	2906806
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-91B30A74AA
Generated	2026-08-05

Product Overview

Surge protection for resistance-dependent measuring signals.

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 2906806

Packing unit 1 pc

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GTIN 4055626135700

Weight per Piece (excluding packing) 40.000 g

Custom tariff number 85363010

Country of origin DE (Germany)

Drawings

Ambient conditions

Protective circuit

Connection data

Environmental Product Compliance

Dimensions

General

Additional technical data

Standards and Regulations

Classifications

Drawings

Diagram

Dimensional drawing

Pictogram

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 ≤ 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-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground

[Back to top](#)Protective circuit

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 450 mA (80 °C)

Operating effective current I_{Cat UC} ≤ 5 μA

Residual current I_{PE} ≤ 1 μA

Nominal discharge current I_{n(8/20)} μs (line-line) 0.5 kA

Nominal discharge current I_{n(8/20)} μs (line-earth) 5 kA

Pulse discharge current I_{imp(10/350)} μs (line-e...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6-2-24DC-PT with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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