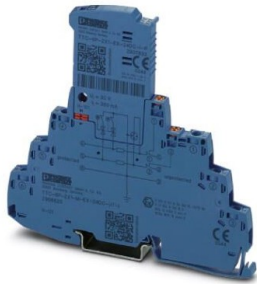


INDUSTRIAL COMPONENT DATA

TTC-6P-2X1-M-EX-24DC-UT-I 2906825 PHOENIX CONTACT

Surge protection, consisting of protective plug and base e..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-2X1-M-EX-24DC-UT-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6P-2X1-M-EX-24DC-UT-I
Catalog number	2906825
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-FB6458C631
Generated	2026-08-04

Product Overview

Surge protection, consisting of protective plug and base element, with integrated status indicator and disconnect knife for a 2-wire Ex i signal circuit with common reference potential, e.g., Digital IN/OUT.

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 2906825

Packing unit 1 pc

Catalog page Page 157 (C-4-2019)

GTIN 4055626135878

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

Conformity / approvals

Classifications

Dimensions

General

Connection data

General

Environmental Product Compliance

Drawings

Diagram

Dimensional drawing

Pictogram

Circuit diagram

[Back to top](#)Dimensions

Height 105.8 mm

Width 6.2 mm +0.1 mm

Depth 100 mm (incl. DIN rail 7.5 mm)

[Back to top](#)Ambient conditions

Ambient temperature (operation) -40 °C ... 85 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Permissible humidity (operation) 5 % ... 95 %

Altitude $\leq$ 2000 m (amsl (above mean sea level))

Degree of protection IP20

[Back to top](#)General

Housing material PBT

Flammability rating according to UL 94 V-0

Color sky blue RAL 5015

Mounting type DIN rail: TH 35 - 7.5 mm

Type DIN rail module, two-section, divisible

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

Rated current 600 mA (40 °C)

Operating effective current ICat UC $\leq$ 5 μ A

Residual current IPE $\leq$ 10 μ A

Nominal discharge current $I_n(8/20)$ μ s (line-earth) 5 kA

Pulse discharge current $I_{imp}(10/350)$ μ s (line-earth) 0.5 kA

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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6P-2X1-M-EX-24DC-UT-I 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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