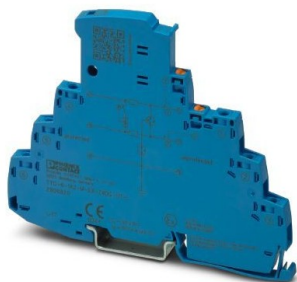


INDUSTRIAL COMPONENT DATA

TTC-6-1X2-M-EX-24DC-UT-I 2906820 PHOENIX CONTACT

Surge protection with integrated status indicator and disco..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6-1X2-M-EX-24DC-UT-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6-1X2-M-EX-24DC-UT-I
Catalog number	2906820
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-BD6BB3385C
Generated	2026-08-04

Product Overview

Surge protection with integrated status indicator and disconnect knife for a 2-wire floating Ex i signal circuit, e.g., 0(4) ... 20 mA current loop, HART-compatible.

Surge protection with integrated status indication and disconnect blade for a potential-free 2-wire Ex i signal circuit, e.g. current loop 0(4) ... 20 mA, suitable for HART.

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 2906820

Packing unit 1 pc

Catalog page Page 152 (C-4-2019)

GTIN 4055626135830

Weight per Piece (excluding packing) 60.000 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 topDimensions

Height 105.8 mm

Width 6.2 mm +0.1 mm

Depth 83.5 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 ≤ 2000 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 sky blue RAL 5015

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 topProtective 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 I_{Cat UC} ≤ 5 μA

Residual current I_{PE} ≤ 1 μA

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

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

Pulse discharge current I_{imp(10/350)} μs (line-line) 0.5 kA...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6-1X2-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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