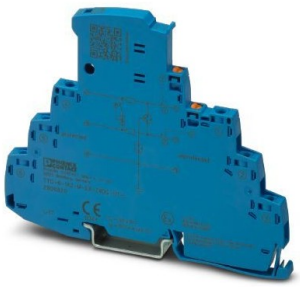
INDUSTRIAL COMPONENT DATA

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-B2360F65B1
Generated	2026-11-19

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 disconnector 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)

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 ICat UC <= 5 µA
Residual current IPE <= 1 µA
Nominal discharge current In(8/20) µs (line-line) 5 kA
Nominal discharge current In(8/20) µs (line-earth) 5 kA
Pulse discharge current Iimp(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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