

INDUSTRIAL COMPONENT DATA

TTC-6P-2X1-EX-24DC-I-P 2907832 PHOENIX CONTACT Surge protection plug with integrated status indicator for on..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6P-2X1-EX-24DC-I-P
Catalog number	2907832
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-C6AD04F4F8
Generated	2026-08-02

Product Overview

Surge protection plug with integrated status indicator for one 2-wire Ex i signal circuit with common reference potential.

Nominal voltage: 24 V DC

Plug-in surge protection with integrated status indicator for a 2-wire intrinsically safe signal circuit with common reference potential. Rated voltage: 24 V DC

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 2907832

Packing unit 1 pc

Catalog page Page 157 (C-4-2019)

GTIN 4055626378886

Weight per Piece (excluding packing) 20.000 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

Dimensional drawing

Pictogram

Circuit diagram

[Back to top](#)Dimensions

Height 39 mm

Width 6.2 mm +0.1 mm

Depth 60.3 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 ≤ 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 on base element

Type Male

[Back to top](#)Protective circuit

Nominal voltage UN 24 V DC

Maximum continuous voltage UC 30 V DC

Rated current 600 mA (40 °C)

[Back to top](#)Connection data

Connection method pluggable

[Back to top](#)Standards and Regulations

Standards/specifications EN 60079-0 2012 + A11:2013

EN 60079-11 2012

EN 61643-21 2001 + A1:2009 + A2:2013

IEC 60079-0 2011 (modified) + corrigendum 2012 + corrigendum 2013

IEC 60079-11 2008

IEC 61643-21 2000 + corrigendum 2001 + A1:2008, modified + A2:2012

[Back to top](#)Environmental Product Compliance

REACH SVHC

Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For d...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.