

INDUSTRIAL COMPONENT DATA

TTC-6P-2X1-12DC-I-P 2907842 PHOENIX CONTACT Surge protection plug with integrated status indicator on the mo..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-2X1-12DC-I-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6P-2X1-12DC-I-P
Catalog number	2907842
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-635095895F
Generated	2026-08-05

Product Overview

Surge protection plug with integrated status indicator on the module for two signal wires with a common reference potential.

Nominal voltage: 12 V DC

Pluggable surge protection with status indicator integrated into the module for two signal conductors with common reference potential. Rated voltage: 12 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 2907842

Packing unit 1 pc

Catalog page Page 128 (C-4-2019)

GTIN 4055626634708

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

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 ≤ 4000 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 light grey RAL 7035

Mounting type on base element

Type Male

[Back to top](#)Protective circuit

Nominal voltage UN 12 V DC

Maximum continuous voltage UC 15 V DC

Rated current 600 mA (56 °C)

[Back to top](#)Connection data

Connection method pluggable

[Back to top](#)Standards and Regulations

Standards/specifications EN 61643-21 2001 + A1:2009 + A2:2013

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 details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

[Back to top](#)Classifications

eCl@ss

eCl@ss....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6P-2X1-12DC-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.