INDUSTRIAL COMPONENT DATA

TTC-6P-1X2-12DC-I-P 2907839 PHOENIX CONTACT Surge protection plug with integrated status indicator on the mo..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-1X2-12DC-I-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6P-1X2-12DC-I-P
Catalog number	2907839
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-ED5E82A53C
Generated	2026-11-18

Product Overview

Surge protection plug with integrated status indicator on the module for a 2-wire floating signal circuit. Nominal voltage: 12 V DC

Plug-in surge protection with status indicator integrated into the module for a potential-free 2-wire signal circuit. 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 2907839
Packing unit 1 pc
Catalog page Page 116 (C-4-2019)
GTIN 4055626633473
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 topDimensions
Height 39 mm
Width 6.2 mm +0.1 mm
Depth 60.3 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 <= 4000 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 light grey RAL 7035
Mounting type on base element
Type Male
Back to topProtective circuit
Nominal voltage UN 12 V DC
Maximum continuous voltage UC 15 V DC
Rated current 600 mA (56 °C)
Back to topConnection data
Connection method pluggable
Back to topStandards 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 topEnvironmental 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 topClassifications
eCl@ss
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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6P-1X2-12DC-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

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