INDUSTRIAL COMPONENT DATA

# TTC-6P-3-HF-EX-12DC-I-P 2907833 PHOENIX CONTACT Surge protection plug with integrated status indicator for a..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-3-HF-EX-12DC-I-P**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | TTC-6P-3-HF-EX-12DC-I-P |
| Catalog number | 2907833 |
| Category | Combined arrester for data networks/MCR-technology |
| Minimum order | 1 Pcs |
| Document ID | EO-19B3621AC5 |
| Generated | 2026-11-19 |

## Product Overview

Surge protection plug with integrated status indicator for a 3-wire Ex i signal circuit with common reference potential. For HF applications. Nominal voltage: 12 V DC
Plug-in surge protection with integrated status indicator for a 3-wire intrinsically safe signal circuit with common reference potential. For high-frequency applications. 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 2907833
Packing unit 1 pc
GTIN 4055626378893
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 <= 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 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 (40 °C)
Back to topConnection data
Connection method pluggable
Back to topStandards 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 topEnvironmental Product Compliance
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Ma...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6P-3-HF-EX-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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