INDUSTRIAL COMPONENT DATA

TTC-6P-1X2-EX-24DC-I-P 2907831 PHOENIX CONTACT Surge protection plug with integrated status indicator on the..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-1X2-EX-24DC-I-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6P-1X2-EX-24DC-I-P
Catalog number	2907831
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-C9E9E97A28
Generated	2026-11-18

Product Overview

Surge protection plug with integrated status indicator on the module for one 2-wire floating Ex i signal circuit. Nominal voltage: 24 V DC
Pluggable surge protection with status indicator integrated into the module for a potential-free 2-wire intrinsically safe signal circuit. 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 2907831
Packing unit 1 pc
Catalog page Page 152 (C-4-2019)
GTIN 4055626378879
Weight per Piece (excluding packing) 50.000 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 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 24 V DC
Maximum continuous voltage UC 30 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
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-1X2-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

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