INDUSTRIAL COMPONENT DATA

TTC-6P-1X2-48DC-UT-I 2908194 PHOENIX CONTACT Surge protection, consisting of protective plug and base elemen..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-1X2-48DC-UT-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6P-1X2-48DC-UT-I
Catalog number	2908194
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-C4C2F2C45C
Generated	2026-11-19

Product Overview

Surge protection, consisting of protective plug and base element, with integrated status indicator for a 2-wire floating signal circuit.
Surge protection, consisting of plug-in protection and base element, with integrated status indication for a potential-free 2-wire signal circuit.

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 2908194
Packing unit 1 pc
Catalog page Page 116 (C-4-2019)
GTIN 4055626282695
Weight per Piece (excluding packing) 40.000 g
Custom tariff number 85363010
Country of origin DE (Germany)
Drawings
Ambient conditions
Protective circuit
Connection data

Environmental Product Compliance
Dimensions
General
Additional technical data
Standards and Regulations
Classifications
Drawings
Diagram
Derating curve at 55.2 V DC
Diagram
Derating curve at 30 V AC
Dimensional drawing
Pictogram
Circuit diagram
Back to topDimensions
Height 105.8 mm
Width 6.2 mm +0.1 mm
Depth 100 mm (incl. DIN rail 7.5 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 traffic grey A RAL 7042
light grey RAL 7035
Mounting type DIN rail: TH 35 - 7.5 mm
Type DIN rail module, two-section, divisible
Direction of action Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground
Back to topProtective circuit
IEC test classification C1
C2
C3
D1
Nominal voltage UN 48 V DC
Maximum continuous voltage UC 55.2 V DC
30 V AC
Rated current 160 mA DC (75 °C)
600 mA AC (56 °C)
Operating effective current ICat UC <= 5 µA
Residual current IPE <= 1 µA
Nominal discharge current In(8/20) µs (line...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6P-1X2-48DC-UT-I 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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