INDUSTRIAL COMPONENT DATA

TTC-6-TVSD-C-48DC-UT-I 2906832 PHOENIX CONTACT Fine surge protection with integrated status indicator for a ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6-TVSD-C-48DC-UT-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6-TVSD-C-48DC-UT-I
Catalog number	2906832
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-641F17BC6F
Generated	2026-11-19

Product Overview

Fine surge protection with integrated status indicator for a signal wire with grounded reference potential.
Fine surge protection with integrated status indication for a grounded signal conductor with reference potential.

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 2906832
Packing unit 1 pc
Catalog page Page 148 (C-4-2019)
GTIN 4055626135953
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
Diagram
Dimensional drawing
Circuit diagram
Back to topDimensions
Height 92 mm
Width 6.2 mm
Depth 69.5 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 (with end cover)
Back to topGeneral
Housing material PBT
Flammability rating according to UL 94 V-0
Color traffic grey A RAL 7042
Mounting type DIN rail: 35 mm
Type DIN rail module, one-piece
Direction of action Line-Earth Ground
Back to topProtective circuit
IEC test classification C3
Nominal voltage UN 48 V DC
Maximum continuous voltage UC 53 V DC
37 V AC
Rated current 10 A (60 °C)
Operating effective current ICat UC <= 5 µA
Residual current IPE <= 5 µA
Nominal discharge current In(8/20) µs (line-earth) 90 A
Voltage protection level Up(line-earth) <= 80 V (C3 - 18 A)
Response time tA(line-earth) <= 1 ns
Input attenuation aE, asym. typ. 0.3 dB (<= 1 MHz / 150 ?)
Cut-off frequency fg (3 dB), asym. (PE) in 150 Ohm system typ. 3.5...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6-TVSD-C-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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