INDUSTRIAL COMPONENT DATA

TTC-6-GDT-D-24AC-PT-I 2906862 PHOENIX CONTACT Coarse surge protection with integrated status indicator for a..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6-GDT-D-24AC-PT-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6-GDT-D-24AC-PT-I
Catalog number	2906862
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-967AFAADB4
Generated	2026-11-19

Product Overview

Coarse surge protection with integrated status indicator for a 2-wire floating signal circuit.
Sufficient surge protection 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 2906862
Packing unit 1 pc
Catalog page Page 151 (C-4-2019)
GTIN 4055626137179
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 C1
C2
C3
D1
Nominal voltage UN 24 V AC
Maximum continuous voltage UC 28 V DC
30 V AC
Rated current 1 A DC (60 °C)
2 A AC (60 °C)
Operating effective current ICat UC <= 1 µA
Nominal discharge current In(8/20) µs (line-line) 5 kA
Pulse discharge current Iimp(10/350) µs (line-line) 0.5 kA
Voltage protection level Up(line-line) <= 800 V (C1 - 2 kV)
<= 1 kV (C2 - 10 kV)
<= 800 V (C3 - 25 A)
<= 900 V (C3 - 100 A)
Response time tA(line-line) <= 100 ns
Input....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6-GDT-D-24AC-PT-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.