

## INDUSTRIAL COMPONENT DATA

# TTC-6-GDT-C-110AC-UT-I 2906844 PHOENIX CONTACT

## Coarse surge protection with integrated status indicator for ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6-GDT-C-110AC-UT-I



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | TTC-6-GDT-C-110AC-UT-I                                   |
| Catalog number  | 2906844                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-72A80E2A90                                            |
| Generated       | 2026-08-05                                               |

### Product Overview

Coarse surge protection with integrated status indicator for a signal wire with grounded reference potential.  
Sufficient surge protection with integrated status indication for a signal conductor with grounded 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 2906844

Packing unit 1 pc

Catalog page Page 151 (C-4-2019)

GTIN 4055626136998

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  $\leq 2000$  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 110 V AC

Maximum continuous voltage UC 130 V AC

Rated current 2 A (60 °C)

Operating effective current  $I_{Cat}$  UC  $\leq 1 \mu A$

Residual current IPE  $\leq 1 \mu A$

Nominal discharge current  $I_n(8/20) \mu s$  (line-earth) 5 kA

Pulse discharge current  $I_{imp}(10/350) \mu s$  (line-earth) 0.5 kA

Voltage protection level  $U_p$ (line-earth)  $\leq 800$  V (C1 - 2 kV)

$\leq 1$  kV (C2 - 10 kV)

$\leq 800$  V (C3 - 25 A)

$\leq 900$  V (C3 - 100 A)

Response time  $t_A$ (line-earth)  $\leq 100$  n...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6-GDT-C-110AC-UT-I with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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