INDUSTRIAL COMPONENT DATA

TTC-6P-2X1-F-12DC-UT-I 2908205 PHOENIX CONTACT Surge protection, consisting of protective plug and base elem..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-2X1-F-12DC-UT-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6P-2X1-F-12DC-UT-I
Catalog number	2908205
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-B8DD3661C8
Generated	2026-11-19

Product Overview

Surge protection, consisting of protective plug and base element, with integrated status indicator for two signal wires with common reference potential, e.g., Digital IN/OUT. Indirect grounding via gas-filled surge arrester.
Surge protection, consisting of plug-in protection and base element, with integrated status indication for two signal conductors with common reference potential, e.g. digital INPUT/OUTPUT. Indirect grounding by gas discharger.

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 2908205
Packing unit 1 pc
Catalog page Page 129 (C-4-2019)
GTIN 4055626282893
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
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 12 V DC
Maximum continuous voltage UC 15 V DC
10 V AC
Rated current 600 mA (56 °C)
Operating effective current ICat UC <= 100 µA
Residual current IPE <= 1 µA
Nominal discharge current In(8/20) µs (line-earth) 5 kA
Nominal discharge current In(8/20) µs (line-signal ground) 5 kA
Pulse....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6P-2X1-F-12DC-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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