

INDUSTRIAL COMPONENT DATA

PT-IQ-1X2-TELE-PT 2801290 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-1X2-TELE-PT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-1X2-TELE-PT
Catalog number	2801290
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
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Product Overview

Surge protection device

Surge protection device, consisting of connector and base element, with multi-level status indication integrated into the module, to protect a two-wire circuit for analogue and digital telecommunication interfaces (VDSL up to 50 MBit/s), in short distances (< 300 m) up to 100 MBit/s).

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)
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Additional Product Information

Key Commercial Data

Orderkey 2801290

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356766715

Weight per Piece (excluding packing) 108.900 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 109.3 mm

Width 17.7 mm

Depth 77.5 mm (incl. DIN rail 7.5 mm)

Horizontal pitch 1 Div.

Ambient conditions

Ambient temperature (operation) -40 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Altitude ≤ 4000 m (amsl (above mean sea level))

Degree of protection IP20

General

Housing material PA 6.6

Flammability rating according to UL 94 V-0

Color jet black RAL 9005

Mounting type DIN rail: 35 mm

Type DIN rail module, two-section, divisible

Direction of action Line-Line & Line-Earth Ground

Protective circuit

IEC test classification C1

C2

C3

D1

B2

VDE requirement class C1

C2

C3

D1

B2

Nominal voltage UN 180 V DC

Maximum continuous voltage UC 180 V DC

Rated current 150 mA (25 °C)

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

Residual current $I_{PE} \leq 1 \mu A$

Nominal discharge current $I_n(8/20) \mu s$ (line-line) 10 kA

Nominal discharge current $I_n(8/20) \mu s$ (line-earth) 10 kA

Pulse discharge current $I_{imp}(10/350) \mu s$ (line-earth) 2.5 kA

Total discharge current $I_{total}(8/20) \mu s$ 20 kA

Voltage protection level $U_p(\text{line-line}) \leq 290$ V (B2 - 100 A)

≤ 290 V (C1 - 1 kV)

≤ 290 V (C2 - 10 kV)

≤ 300 V (C2 - 10 kA)

≤ 290 V (C3 - 50 A)

Voltage protection level $U_p(\text{line-earth}) \leq 500$ V (B2 - 100 A)

≤ 600 V (C1 - 1 kV)

≤ 600 V (C2 - 10....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-1X2-TELE-PT 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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