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
Document ID	EO-EC11EAEC92
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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)

Additional Product Information

Key Commercial Data
Orderkey 2801290
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 163 (C-4-2017)
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 ICat UC <= 1 µA
Residual current IPE <= 1 µA
Nominal discharge current In(8/20) µs (line-line) 10 kA
Nominal discharge current In(8/20) µs (line-earth) 10 kA
Pulse discharge current Iimp(10/350) µs (line-earth) 2.5 kA
Total discharge current Itotal(8/20) µs 20 kA
Voltage protection level Up(line-line) <= 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 Up(line-earth) <= 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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