INDUSTRIAL COMPONENT DATA

PT-IQ-3-HF-12DC-PT 2801288 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-3-HF-12DC-PT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-3-HF-12DC-PT
Catalog number	2801288
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-FC8079A14C
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Product Overview

Surge protection device
Surge protection, consisting of plug-in protection and base element, with multi-level status indication integrated into the module for three signal conductors with joint reference potential. For high frequency applications and telecommunication interfaces without supply voltage (up to 90 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 2801288
Packing unit 1 pc
Catalog page Page 153 (C-4-2017)
GTIN 4046356766692
Weight per Piece (excluding packing) 109.000 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 V0
Color jet black RAL 9005
Standards for cearances and creepage distances IEC 60664-1
Mounting type DIN rail: 35 mm
Type DIN rail module, two-section, divisible
Direction of action Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground
Transmission speed 90 Mpbs
Protective 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 (40 °C)
Operating effective current ICat UC <= 100 µA (per path)
Residual current IPE <= 100 µA (per path)
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) <= 90 V (C1 - 1 kV/500 A)
<= 145 V (C2 - 10 kV / 5 kA)
<= 40 V (C3 - 25 A)
<= 40 V (C3 - 50 A)
Voltage protecti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-3-HF-12DC-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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