

INDUSTRIAL COMPONENT DATA

PT-IQ-3-HF+F-12DC-UT 2800995 PHOENIX CONTACT Surge protection device

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-3-HF+F-12DC-UT
Catalog number	2800995
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
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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)
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Additional Product Information

Key Commercial Data

Orderkey 2800995

Packing unit 1 pc

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GTIN 4046356667418

Weight per Piece (excluding packing) 112.300 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 91.1 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 $\leq$ 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

Standards for clearances 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

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 I_{Cat} UC $\leq$ 100 μ A (per path)

Residual current IPE $\leq$ 10 μ A

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

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

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

Pulse discharge current $I_{imp}(10/350)$ μ s (line-signalground) 2.5 kA

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

Voltage protection level U_p (line-line) $\leq$ 40 V (C3 - 25 A)

$\leq$ 90 V (C1 - 1 kV/500 A)

$\leq$ 145 V (C2 - 10 kV / 5 kA)

$\leq$ 40 V...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-3-HF+F-12DC-UT 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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