

INDUSTRIAL COMPONENT DATA

PT-IQ-1X2-EX-24DC-UT 2801512 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-1X2-EX-24DC-UT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-1X2-EX-24DC-UT
Catalog number	2801512
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-146CABE3F7
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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 a 2-wire driven signal circuit free of earth potential, suitable for HART.

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 2801512

Packing unit 1 pc

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GTIN 4046356801225

Weight per Piece (excluding packing) 107.400 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 $\leq$ 2000 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 black

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 24 V DC

Maximum continuous voltage UC 30 V DC

21 V AC

Rated current 350 mA

Operating effective current I_{Cat} UC $\leq$ 5 μ A (per system)Residual current IPE $\leq$ 100 nA (per system)Nominal discharge current $I_n(8/20)$ μ s (line-line) 10 kANominal discharge current $I_n(8/20)$ μ s (line-earth) 10 kAPulse discharge current $I_{imp}(10/350)$ μ s 2 kATotal discharge current $I_{total}(8/20)$ μ s 20 kAVoltage protection level $U_p(\text{line-line}) \leq$ 60 V (C1 - 1 kV/500 A) $\leq$ 110 V (C2 - 10 kV / 5 kA) $\leq$ 140 V (C2 - 10 kA) $\leq$ 50 V (C3 - 25 A) $\leq$ 55 V (C3 - 100 A)Voltage protection level $U_p(\text{line-earth}) \leq$ 1.3 kV (C2 - 10 kV / 5 kA) $\leq$ 1.5 kV (C2 - 10 kA) $\leq$ 1.3 kV (C3 - 100 A)

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-1X2-EX-24DC-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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