

**INDUSTRIAL COMPONENT DATA**

# PT-IQ-1X2-48DC-PT 2801257 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-1X2-48DC-PT



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | PT-IQ-1X2-48DC-PT                                        |
| Catalog number  | 2801257                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-CE024B2637                                            |
| Generated       | 2026-08-05                                               |

## Product Overview

Surge protection device

Surge protection, consisting of plug-in protection and base element, with multi-level diagnostic and status indication integrated into a module for a circ. of 2-wire signal free of potential.

**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 2801257

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356766401

Weight per Piece (excluding packing) 110.000 g

Custom tariff number 85363030

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  $\leq$  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

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

Additional descriptions

Note Remote signaling as well as the power supply of the DIN rail connector are established by snapping the module into place on the DIN rail connector.

Protective circuit

IEC test classification C1

C2

C3

D1

Nominal voltage UN 48 V DC

Maximum continuous voltage UC 53 V DC

37 V AC

Rated current 300 mA

Operating effective current  $I_{Cat}$  UC  $\leq$  5  $\mu$ A (in the signal circuit)

Residual current IPE  $\leq$  2  $\mu$ A (per signal circuit)

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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-1X2-48DC-PT with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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