

**INDUSTRIAL COMPONENT DATA**

# PT-IQ-2X1-24DC-P 2800776 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-2X1-24DC-P



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | PT-IQ-2X1-24DC-P                                         |
| Catalog number  | 2800776                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-BF51C2558D                                            |
| Generated       | 2026-08-03                                               |

## Product Overview

Surge protection plug

Pluggable surge protection with multi-level diagnostic and status indication integrated into the module for two signal conductors with common reference potential. Rated voltage: 24 V DC

**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 &gt; Trabtech (TT)

## Additional Product Information

Key Commercial Data

Orderkey 2800776

Packing unit 1 pc

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GTIN 4046356645331

Weight per Piece (excluding packing) 46.000 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 45 mm

Width 17.7 mm

Depth 53.4 mm

Horizontal pitch 1 Div.

Complete module height 91.1 mm

Complete module width 17.7 mm

Complete module depth 77.5 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Degree of protection IP20

General

Housing material PA 6.6

Flammability rating according to UL 94 V-0

Color black

Mounting type on base element

Type Male

Direction of action Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground

Protective circuit

Nominal voltage UN 24 V DC

Maximum continuous voltage UC 30 V DC

21 V AC

Rated current 1000 mA (45°C)

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

Surge protection fault message Optical, multi-stage

Connection data

Connection method pluggable

Standards and Regulations

Standards/specifications EN 61643-21/A1 2009

Classifications

eCl@ss 4.027140201eCl@ss 4.127130801eCl@ss 5.027130801eCl@ss 5.127130800eCl@ss 6.027130800eCl@ss  
7.027130807eCl@ss 8.027130807eCl@ss 9.027130807

ETIM 3.0EC000943ETIM 4.0EC000943ETIM 5.0EC000943ETIM 6.0EC000943

UNSPSC 6.0130212010UNSPSC 7.090139121610UNSPSC 1139121610UNSPSC 12.0139121610UNSPSC  
13.239121620

ETIM for 2800776 Earthing, lightning and surge protection (EC000943)

Feature Name...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-2X1-24DC-P 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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