

**INDUSTRIAL COMPONENT DATA**

# PT-IQ-5-HF-12DC-P 2800796 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-5-HF-12DC-P



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | PT-IQ-5-HF-12DC-P                                        |
| Catalog number  | 2800796                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-1FD8695B03                                            |
| Generated       | 2026-08-04                                               |

## Product Overview

Surge protection plug

Pluggable surge protection with multi-level diagnostic and status indication integrated into the module for five signal conductors. For high-frequency applications. Rated voltage: 12 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 > Trabtech (TT)**

## Additional Product Information

Key Commercial Data

Orderkey 2800796

Packing unit 1 pc

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GTIN 4046356705998

Weight per Piece (excluding packing) 49.000 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 45 mm

Width 17.7 mm

Depth 46.6 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

Altitude max. 4000 m

Degree of protection IP20

General

Housing material PA 6.6

Flammability rating according to UL 94 V-0

Color black

Standards for clearances and creepage distances IEC 60664-1

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 12 V DC

Maximum continuous voltage UC 15 V DC

10 V AC

Rated current 600 mA (40 °C)

Surge protection fault message Optical, multi-stage

Connection data

Connection method pluggable

Standards and Regulations

Standards/specifications EN 61643-21/A1 2009

IEC 61643-21/A2 2012

EN 61000-6-2/A1 2011

EN 61000-6-3 2005

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

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

ET...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-5-HF-12DC-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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