

## INDUSTRIAL COMPONENT DATA

# PT-IQ-5-HF+F-12DC-UT 2800801 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-5-HF+F-12DC-UT



|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                          |
| MPN / Reference | PT-IQ-5-HF+F-12DC-UT                                     |
| Catalog number  | 2800801                                                  |
| Category        | Surge protection device for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                                    |
| Document ID     | EO-1D02E9C132                                            |
| Generated       | 2026-08-03                                               |

## 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 five signal conductors. For HF applications and telecommunication interfaces without supply voltage (up to 90 Mbits/s).

Surge protection, consisting of protective plug and base element, with integrated multi-stage status indicator on the module for five signal wires. For HF applications and telecommunications interfaces without supply voltage (up to 90 Mbps). Can be used in safety-related circuits up to SIL 3.

## 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

Technical dataNotesGeneral

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.

Product propertiesProduct type Surge protection for information technology

Product family PLUGTRAB IQ

IEC test classification C1

C2

C3

D1

Type DIN rail module, two-section, divisible  
Surge protection fault message Optical, multi-stage  
Data management status  
Article revision 05  
Insulation characteristics  
Overvoltage category III  
Pollution degree 2  
Electrical propertiesNominal voltage UN 12 V DC  
Connection dataConnection method Screw connection  
Screw thread M3  
Tightening torque 0.5 Nm  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section rigid 0.2 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
Conductor cross section AWG 24 ... 12  
InterfacesTransmission speed 90 Mbps  
DimensionsDimensional drawing  
Width 17.7 mm  
Height 91 mm  
Depth 77.5 mm (incl. DIN rail 7.5 mm)  
Horizontal pitch 1 Div.  
Material specificationsColor black (RAL 9005)  
black (RAL 9005)  
Flammability rating according to UL 94 V-0  
Housing material PA 6.6  
Mechanical propertiesMechanical data  
Open side panel No  
Protective circuitDirection of action Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground  
Maximum continuous voltage UC 15 V DC  
10 V AC  
Rated current 600 mA (40 °C)  
Operating effective current I<sub>Cat UC</sub> ≤ 100 µA (per path)  
Residual current I<sub>PE</sub> ≤ 10 µA (per path)  
Nominal discharge current I<sub>n(8/20)</sub> µs (line-line) 10 kA  
No...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-5-HF+F-12DC-UT 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

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.