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**



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|---|---|
| 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-DAA0277359 |
| Generated | 2026-11-18 |

## 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

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| 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 mm² ... 2.5 mm²
Conductor cross section rigid 0.2 mm² ... 4 mm²
Conductor cross section AWG 24 ... 12
InterfacesTransmission speed 90 Mpbs
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 ICat UC <= 100 µA (per path)
Residual current IPE <= 10 µA (per path)
Nominal discharge current In(8/20) 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 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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