

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
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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)
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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 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_{cat} UC ≤ 100 µA (per path)
Residual current I_{PE} ≤ 10 µA (per path)
Nominal discharge current I_n(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

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