

INDUSTRIAL COMPONENT DATA

PT-IQ-1X2+F-24DC-UT 2800977 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-1X2+F-24DC-UT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-1X2+F-24DC-UT
Catalog number	2800977
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-08FE6ABDC3
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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 a circ. of 2-wire signal free of potential. Indir grounding. with gas discharger.

Surge protection, consisting of protective plug and base element, with integrated multi-stage status indicator on the module, for one 2-wire floating signal circuit. Indirect grounding via gas discharge tube. 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 MCR 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

Wire pairs per module 1

Data management status

Article revision 08

Insulation characteristics

Overvoltage category III

Pollution degree 2

Electrical propertiesNominal voltage UN 24 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

DimensionsDimensional drawing

Width 17.7 mm

Height 91.1 mm

Depth 77.5 mm (incl. DIN rail 7.5 mm)

Horizontal pitch 1 Div.

Material specificationsColor black (RAL 9005)

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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 30 V DC

21 V AC

Rated current 1000 mA (40 °C)

Operating effective current I_{cat} UC ≤ 1 mA (in the signal circuit)

Residual current I_{PE} ≤ 1 μA

Nominal discharge current I_n(8/20) μs (line-line) 10 kA

Nominal discharge cur...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-1X2+F-24DC-UT with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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