INDUSTRIAL COMPONENT DATA

PT-IQ-1X2-24DC-UT 2800976 PHOENIX CONTACT Surge protection device

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-1X2-24DC-UT
Catalog number	2800976
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-9B991C114E
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Product Overview

Surge protection device
Surge protection, consisting of plug-in protection and base element, with multi-level status indication integrated into the module, for a 2-wire signal circuit driven free of earth potential, suitable for HART.
Surge protection, consisting of protective plug and base element, with integrated multi-stage status indicator on the module, for a 2-wire floating signal circuit, HART-compatible. 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 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)
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 30 V DC
21 V AC
Rated current 1000 mA (40 °C)
Operating effective current ICat UC <= 1 mA (in the signal circuit)
Residual current IPE <= 2 µA (per signal circuit)
Nominal discharge current In(8/20) µs (line-line) 10 kA....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

GLOBAL OFFICES

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