INDUSTRIAL COMPONENT DATA

PT-IQ-2X2-24DC-UT 2800980 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-2X2-24DC-UT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-2X2-24DC-UT
Catalog number	2800980
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-1074CEEE50
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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 two 2-wire signal circuits driven free of earth potential, suitable for HART.
Surge protection, consisting of a pull-out plug and base element, with integrated multi-stage status indicator on the module, for two 2-wire, HART-compatible zero-earth potential signal circuits. Can be used in safety 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

Key Commercial Data
Orderkey 2800980
Packing unit 1 pc
Catalog page Page 97 (C-4-2017)
GTIN 4046356665803
Weight per Piece (excluding packing) 120.000 g
Custom tariff number 85363010
Country of origin DE (Germany)
Dimensions
Height 91 mm
Width 17.7 mm

Depth 77.5 mm (incl. DIN rail 7.5 mm)
Horizontal pitch 1 Div.
Ambient conditions
Ambient temperature (operation) -40 °C ... 70 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Altitude <= 4000 m (amsl (above mean sea level))
Degree of protection IP20
General
Housing material PA 6.6
Flammability rating according to UL 94 V-0
Color jet black RAL 9005
Mounting type DIN rail: 35 mm
Type DIN rail module, two-section, divisible
Direction of action Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground
Additional descriptions
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.
Protective circuit
IEC test classification C1
C2
C3
D1
Nominal voltage UN 24 V DC
Maximum continuous voltage UC 30 V DC
21 V AC
Rated current 700 mA (50 °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
Nominal discharge current In(8/20) µs (line-earth) 10 kA
Pulse discharge current Iimp(10/350) µs (line-earth) 2.5 kA
Total discharge current Itotal(8/20) µs 20 kA
Voltage protection level Up(line-line)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-2X2-24DC-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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