INDUSTRIAL COMPONENT DATA

PT-IQ-1X2-24DC-PT 2801255 PHOENIX CONTACT Surge protection device

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-1X2-24DC-PT
Catalog number	2801255
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-F1241D9ABB
Generated	2026-11-18

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.

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 2801255
Packing unit 1 pc
Catalog page Page 96 (C-4-2017)
GTIN 4046356766388
Weight per Piece (excluding packing) 109.200 g
Custom tariff number 85363030
Country of origin DE (Germany)
Dimensions
Height 109.3 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 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
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-li...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-1X2-24DC-PT 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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