INDUSTRIAL COMPONENT DATA

PT-IQ-2X1-24DC-PT 2801247 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-2X1-24DC-PT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-2X1-24DC-PT
Catalog number	2801247
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-0310B94CEB
Generated	2026-11-19

Product Overview

Surge protection device
Surge protection, consisting of plug-in protection and base element, with multi-level status and diagnostic indication in module for two signal conductors with joint reference potential.

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 2801247
Packing unit 1 pc
Catalog page Page 110 (C-4-2017)
GTIN 4046356766302
Weight per Piece (excluding packing) 109.800 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 (per path)
Residual current IPE <= 1 mA (per path)
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-earth) <= 75 V (C1 - 1 kV/500 A)
<= 135 V (C2 - 10 kV / 5 kA)
<= 55 V (C3 - 25 A)
<=...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-2X1-24DC-PT with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.