INDUSTRIAL COMPONENT DATA

# PT-IQ-2X1+F-24DC-PT 2801248 PHOENIX CONTACT Surge protection device

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



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PT-IQ-2X1+F-24DC-PT |
| Catalog number | 2801248 |
| Category | Surge protection device for data networks/MCR-technology |
| Minimum order | 1 Pcs |
| Document ID | EO-041E827301 |
| Generated | 2026-11-18 |

## 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. Indir grounding. with gas discharger.

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Trabtech (TT) |

## Additional Product Information

Key Commercial Data
Orderkey 2801248
Packing unit 1 pc
Catalog page Page 111 (C-4-2017)
GTIN 4046356766319
Weight per Piece (excluding packing) 111.300 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 µA
Nominal discharge current In(8/20) µs (line-earth) 10 kA
Nominal discharge current In(8/20) µs (core-signal ground) 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) <= 800 V (C1 - 1 kV/...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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



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