

INDUSTRIAL COMPONENT DATA

PT-IQ-2X1+F-48DC-UT 2800790 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-2X1+F-48DC-UT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-2X1+F-48DC-UT
Catalog number	2800790
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-B39C9C2F4A
Generated	2026-08-02

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

Catalog path	PHOENIX CONTACT > Trabtech (TT)
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Additional Product Information

Key Commercial Data

Orderkey 2800790

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356645133

Weight per Piece (excluding packing) 107.800 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 91.1 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 $\leq$ 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 48 V DC

Maximum continuous voltage UC 53 V DC

37 V AC

Rated current 300 mA

Operating effective current $I_{Cat UC} \leq 6 \mu A$ (per path)

Residual current IPE $\leq 1 \mu A$

Nominal discharge current $I_n(8/20) \mu s$ (line-earth) 10 kA

Pulse discharge current $I_{imp}(10/350) \mu s$ (line-earth) 2.5 kA

Total discharge current $I_{total}(8/20) \mu s$ 20 kA

Voltage protection level $U_p(\text{line-earth}) \leq 750 V$ (C1 - 1 kV/500 A)

$\leq 950 V$ (C2 - 10 kV / 5 kA)

$\leq 85...$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-2X1+F-48DC-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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