

INDUSTRIAL COMPONENT DATA

PT-IQ-2X1-48DC-P 2800777 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-2X1-48DC-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-2X1-48DC-P
Catalog number	2800777
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-8A0F236D9D
Generated	2026-08-03

Product Overview

Surge protection plug

Pluggable surge protection with multi-level diagnostic and status indication integrated into the module for two signal conductors with common reference potential. Rated voltage: 48 V DC

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 2800777

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 73 (C-6-2013)

GTIN 4046356645324

Weight per Piece (excluding packing) 75.300 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 45 mm

Width 17.7 mm

Depth 53.4 mm

Horizontal pitch 1 Div.

Complete module height 91.1 mm

Complete module width 17.7 mm

Complete module depth 77.5 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Degree of protection IP20

General

Housing material PA 6.6

Flammability rating according to UL 94 V-0

Color black

Mounting type on base element

Type Male

Direction of action Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground

Protective circuit

Nominal voltage UN 48 V DC

Maximum continuous voltage UC 53 V DC

37 V AC

Rated current 300 mA (45°C)

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

Surge protection fault message Optical, multi-stage

Connection data

Connection method pluggable

Standards and Regulations

Standards/specifications EN 61643-21/A1 2009

Classifications

eCl@ss 4.027140201eCl@ss 4.127130801eCl@ss 5.027130801eCl@ss 5.127130800eCl@ss 6.027130800eCl@ss
7.027130807eCl@ss 8.027130807eCl@ss 9.027130807

ETIM 3.0EC000943ETIM 4.0EC000943ETIM 5.0EC000943ETIM 6.0EC000943

UNSPSC 6.0130212010UNSPSC 7.090139121610UNSPSC 1139121610UNSPSC 12.0139121610UNSPSC
13.239121620

ETIM for 2800777 Earthing, lightning and surge...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-2X1-48DC-P 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

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.