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-12E12416D0
Generated	2026-11-18

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 Itotal(8/20) µs 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

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.