INDUSTRIAL COMPONENT DATA

PT-IQ-5-HF-12DC-P 2800796 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-5-HF-12DC-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-5-HF-12DC-P
Catalog number	2800796
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-C98A026C99
Generated	2026-11-18

Product Overview

Surge protection plug
Pluggable surge protection with multi-level diagnostic and status indication integrated into the module for five signal conductors. For high-frequency applications. Rated voltage: 12 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 2800796
Packing unit 1 pc
Catalog page Page 78 (C-6-2013)
GTIN 4046356705998
Weight per Piece (excluding packing) 49.000 g
Custom tariff number 85363010
Country of origin DE (Germany)
Dimensions
Height 45 mm
Width 17.7 mm
Depth 46.6 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
Altitude max. 4000 m
Degree of protection IP20
General
Housing material PA 6.6
Flammability rating according to UL 94 V-0
Color black
Standards for cearances and creepage distances IEC 60664-1
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 12 V DC
Maximum continuous voltage UC 15 V DC
10 V AC
Rated current 600 mA (40 °C)
Surge protection fault message Optical, multi-stage
Connection data
Connection method pluggable
Standards and Regulations
Standards/specifications EN 61643-21/A1 2009
IEC 61643-21/A2 2012
EN 61000-6-2/A1 2011
EN 61000-6-3 2005
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
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
ET...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-5-HF-12DC-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

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