INDUSTRIAL COMPONENT DATA

PT-IQ-3-HF+F-12DC-PT 2801289 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-3-HF+F-12DC-PT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-3-HF+F-12DC-PT
Catalog number	2801289
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-70A730A269
Generated	2026-11-18

Product Overview

Surge protection device
Surge protection, consisting of plug-in protection and base element, with multi-level status indication integrated into the module for three signal conductors with joint reference potential. For high frequency applications and telecommunication interfaces without supply voltage (up to 90 MBit/s).

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 2801289
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 145 (C-4-2017)
GTIN 4046356766708
Weight per Piece (excluding packing) 109.900 g
Custom tariff number 85363010
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
Transmission speed 90 Mpbs
Protective circuit
IEC test classification C1
C2
C3
D1
Nominal voltage UN 12 V DC
Maximum continuous voltage UC 15 V DC
10 V AC
Rated current 600 mA (40 °C)
Operating effective current ICat UC <= 100 µA (per path)
Residual current IPE <= 10 µA (per path)
Nominal discharge current In(8/20) µs (line-line) 10 kA
Nominal discharge current In(8/20) µs (line-earth) 10 kA
Pulse discharge current Iimp(10/350) µs (line-earth) 2.5 kA
Pulse discharge current Iimp(10/350) µs (line-signalground) 2.5 kA
Total discharge current Itotal(8/20) µs 20 kA
Voltage protection level Up(line-line) <= 90 V (C1 - 1 kV/500 A)
<= 145 V (C2 - 10 kV / 5 kA)
<= 40 V (C3...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-3-HF+F-12DC-PT 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.