INDUSTRIAL COMPONENT DATA

PT-IQ-1X2-EX-24DC-UT 2801512 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT-IQ-1X2-EX-24DC-UT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT-IQ-1X2-EX-24DC-UT
Catalog number	2801512
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-9FF22E6E69
Generated	2026-11-19

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 a 2-wire driven signal circuit free of earth potential, suitable for HART.

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 2801512
Packing unit 1 pc
Catalog page Page 129 (C-4-2017)
GTIN 4046356801225
Weight per Piece (excluding packing) 107.400 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 <= 2000 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 black
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
Protective circuit
IEC test classification C1
C2
C3
D1
Nominal voltage UN 24 V DC
Maximum continuous voltage UC 30 V DC
21 V AC
Rated current 350 mA
Operating effective current ICat UC <= 5 µA (per system)
Residual current IPE <= 100 nA (per system)
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 2 kA
Total discharge current Itotal(8/20) µs 20 kA
Voltage protection level Up(line-line) <= 60 V (C1 - 1 kV/500 A)
<= 110 V (C2 - 10 kV / 5 kA)
<= 140 V (C2 - 10 kA)
<= 50 V (C3 - 25 A)
<= 55 V (C3 - 100 A)
Voltage protection level Up(line-earth) <= 1.3 kV (C2 - 10 kV / 5 kA)
<= 1.5 kV (C2 - 10 kA)
<= 1.3 kV (C3 - 100 A)
R...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT-IQ-1X2-EX-24DC-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

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.