

INDUSTRIAL COMPONENT DATA

PT 2X2-12DC-ST 2838254 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2X2-12DC-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2X2-12DC-ST
Catalog number	2838254
Category	Surge protection device for data networks/MCR-technology
Minimum order	10 Pcs
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Product Overview

Surge protection plug

PT plug-in protection with circ. of Protec. for two circ. 2 cond. Floating. Nominal voltage: 12 V DC. 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 2838254

Packing unit 10 pc

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GTIN 4017918182663

Weight per Piece (excluding packing) 25.790 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 44.8 mm

Width 17.5 mm

Depth 51.7 mm

Horizontal pitch 1 Div.

Complete module height 90 mm

Complete module width 17.7 mm

Complete module depth 65.5 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 85 °C

Degree of protection IP20

General

Housing material PA 6.6

Flammability rating according to UL 94 V-0

Color black

Standards for clearances and creepage distances VDE 0110-1

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

Arrester can be tested with CHECKMASTER from software version: From SW rev. 1.00

Protective circuit

IEC test classification C1

C2

C3

D1

Nominal voltage UN 12 V DC

Maximum continuous voltage UC 13 V DC

9 V AC

Rated current 450 mA (45°C)

Operating effective current ICat UC $\leq 5 \mu\text{A}$

Residual current IPE $\leq 1 \mu\text{A}$ (with PT 2X2+F-BE)

$\leq 4 \mu\text{A}$

Nominal discharge current $I_n(8/20) \mu\text{s}$ (line-line) 10 kA

Nominal discharge current $I_n(8/20) \mu\text{s}$ (line-earth) 10 kA

Pulse discharge current $I_{imp}(10/350) \mu\text{s}$ 2.5 kA (per path)

Total discharge current $I_{total}(8/20) \mu\text{s}$ 20 kA

Max. discharge current $I_{max}(8/20) \mu\text{s}$ maximum (line-line) 10 kA

Max. discharge current $I_{max}(8/20) \mu\text{s}$ maximum (line-earth) 10 kA

Output voltage limitation at 1 kV/ μs (line-line...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2X2-12DC-ST 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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