

INDUSTRIAL COMPONENT DATA

PT 1X2-12DC-ST 2856029 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 1X2-12DC-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 1X2-12DC-ST
Catalog number	2856029
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-95A6AF9C09
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Product Overview

Surge protection plug

PT plug-in protection with circ. Protec. P/ un Circ. 2 cond. floating. 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 2856029

Packing unit 10 pc

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GTIN 4017918599218

Weight per Piece (excluding packing) 15.590 g

Custom tariff number 85363010

Country of origin DE (Germany)

Dimensions

Height 45 mm

Width 17.7 mm

Depth 52 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

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 jet black RAL 9005

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

Additional descriptions

Note Technical data is valid in association with the following specified base elements:

PT 1X2+F-BE 2856126

PT 1X2-BE 2856113

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 ≤ 5 μA

Residual current IPE ≤ 1 μA (with PT 1X2+F-BE)

≤ 2 μA (with PT 1X2-BE)

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 2.5 kA

Total discharge curr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 1X2-12DC-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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