INDUSTRIAL COMPONENT DATA

PT 1X2- 5DC-ST 2856016 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 1X2-5DC-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 1X2-5DC-ST
Catalog number	2856016
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-0FF53ACADE
Generated	2026-11-18

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 2856016
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 98 (C-4-2017)
GTIN 4017918599225
Weight per Piece (excluding packing) 16.250 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 5 V DC
Maximum continuous voltage UC 6 V DC
4 V AC
Rated current 450 mA (45°C)
Operating effective current ICat UC <= 1 mA
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(10/3...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 1X2-5DC-ST with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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