INDUSTRIAL COMPONENT DATA

PT 2XEX(I)-24DC-ST 2838225 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2XEX(I)-24DC-ST



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2XEX(I)-24DC-ST
Catalog number	2838225
Category	Combined arrester for data networks/MCR-technology
Minimum order	10 Pcs
Document ID	EO-C8243ECCB0
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Product Overview

Surge protection plug
PT plug-in protection protection circuit for two 2-conductor Ex i signal circuits driven free of ground potential. Nominal voltage: 24 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 2838225
Packing unit 10 pc
Catalog page Page 132 (C-4-2017)
GTIN 4017918182861
Weight per Piece (excluding packing) 21.090 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
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 sky blue RAL 5015
Mounting type on base element
Type Male
Number of positions 4
Direction of action Line-Line & Line-Signal Ground/Shield & 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 24 V DC
Maximum continuous voltage UC 30 V DC
21 V AC
Rated current 325 mA (40 °C)
Operating effective current ICat UC <= 5 µA
Residual current IPE <= 4 µA
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-line) 1 kA
Pulse discharge current Iimp(10/350) µs (line-earth) 2 kA (in total)
Total discharge current Itotal(8/20) µs 20 kA
Total discharge current Itotal(10/350) µs 2 kA
Max. discharge current...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2XEX(I)-24DC-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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