INDUSTRIAL COMPONENT DATA

S-PT-EX-24DC 2800034 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: S-PT-EX-24DC



Manufacturer	PHOENIX CONTACT
MPN / Reference	S-PT-EX-24DC
Catalog number	2800034
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-D8399D9CD7
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Product Overview

Surge protection device
Surge protection for a potential-free driven signal circuit to ground in the IP67 screw-on module for sensor heads, connection M20 x 1.5. Tested according to the types of protection in the Ex Ex d/Ex tD/Ex ia IIC/Ex iaD zones. Suitable for use in fieldbus systems according to the FISCO concept, suitable for HART.
Overvoltage protection for a potential-free signal circuit in the IP67-rated screw module for sensor heads, M20 x 1.5 connection. Tested according to the protection types for potentially explosive areas Ex d / Ex tD / Ex ia IIC / Ex iaD. Suitable for use in the fieldbus system according to the FISCO concept, HART compatible. Can be used in safety circuits up to SIL 3.

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 2800034
Packing unit 1 pc
Catalog page Page 130 (C-4-2017)
GTIN 4046356411004
Weight per Piece (excluding packing) 194.140 g
Custom tariff number 85363010
Country of origin DE (Germany)

Dimensions
Height 28 mm
Width 28 mm
Depth 79 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 80 °C (non-Ex)
Altitude <= 2000 m (amsl (above mean sea level))
Degree of protection IP67
General
Housing material Stainless steel
Color silver
Standards for cearances and creepage distances IEC 60664-1
IEC 60079-11
Mounting type M20
Type Screw-in module
Number of positions 2
Direction of action Line-Line & Line-Earth Ground
Protective circuit
IEC test classification C1
C2
C3
D1
Nominal voltage UN 24 V DC
Maximum continuous voltage UC 36 V DC
25 V AC
Operating effective current ICat UC <= 5 µA
Residual current IPE <= 2 µA
Nominal discharge current In(8/20) µs (line-line) 260 A
Nominal discharge current In(8/20) µs (line-earth) 10 kA
Pulse discharge current Iimp(10/350) µs 1 kA
Total discharge current Itotal(8/20) µs 20 kA
Total discharge current Itotal(10/350) µs 2 kA
Max. discharge current Imax(8/20) µs maximum (line-line) 260 A
Max. discharge current Imax(8/20) µs maximum (line-earth) 20 kA
Nominal pulse current Ian (10/1000) µs (line-line) 50 A
Output voltage limitation at 1 kV/µs (line-line) spike <= 130 V
Output voltage limitation at 1 kV/µs (line-earth) spike <= 1.1 kV
Output voltage limitation at 1 kV/µs (line-line) static <= 60 V
Voltage protection level...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / S-PT-EX-24DC 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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