INDUSTRIAL COMPONENT DATA

S-PT-2XEX-24DC-1/2" 2800041 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: S-PT-2XEX-24DC-1/2"



Manufacturer	PHOENIX CONTACT
MPN / Reference	S-PT-2XEX-24DC-1/2"
Catalog number	2800041
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-99C6F5A98B
Generated	2026-11-18

Product Overview

Surge protection device
Surge protection for two potential-free actuated signal circuits to ground on the IP67 rated spin-on module for sensor heads, 1/2" connection. 14 NPT. Tested according to the degrees of ignition protection in the zones Ex d/Ex tD/Ex ia IIC/Ex iaD. Suitable for use in fieldbus systems according to the FISCO concept.

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 2800041
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 131 (C-4-2017)
GTIN 4046356411035
Weight per Piece (excluding packing) 209.060 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 1/2" NPT
Type Screw-in module
Number of positions 4
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
Nominal pulse current Ian (10/1000) µs (line-line) 50 A
Output voltage limitation at 1 kV/µs (line-line) spike <= 65 V
Output voltage limitation at 1 kV/µs (line-earth) spike <= 1.1 kV
Output voltage limitation at 1 kV/µs (line-line) static <= 50 V
Voltage protection level Up(line-line) <= 50 V (C3 - 10 A)
Voltage protection level Up(line-earth) <= 1.1 kV (C3....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / S-PT-2XEX-24DC-1/2" 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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