INDUSTRIAL COMPONENT DATA

S-PT-1X2-24DC-1/2" 2882569 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: S-PT-1X2-24DC-1/2"



Manufacturer	PHOENIX CONTACT
MPN / Reference	S-PT-1X2-24DC-1/2"
Catalog number	2882569
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-E6C6620F36
Generated	2026-11-18

Product Overview

Surge protection device
Overvoltage protection. in IP67 screw-on module for measuring probes, direct mounting via 1/2" NPT ext. thread, cable gland for signal line, protective circuit. two levels. Suitable for HART.
Low-voltage surge arrester in IP67 screw-in module for measuring sensor, direct mounting with 1/2" NPT external thread, cable gland for signal line, two-stage protection circuit. HART compatible. Can be used in safe circuits up to SIL category 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 2882569
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 101 (C-4-2017)
GTIN 4046356091657
Weight per Piece (excluding packing) 363.840 g
Custom tariff number 85369010
Country of origin DE (Germany)
Dimensions
Height 33.5 mm

Width 33.5 mm
Depth 148 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 IP67
General
Housing material Zinc die-cast, surface bronzed and nickel-plated
Color silver
Standards for cearances and creepage distances IEC 60664-1
VDE 0110-1
Mounting type direct screw connection
Type Screw-in module
Number of positions 3
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 40 V DC
28 V AC
Rated current 450 mA (55 °C)
Operating effective current ICat UC <= 10 µA
Residual current IPE <= 2 µA
Nominal discharge current In(8/20) µs (line-line) 10 kA
Nominal discharge current In(8/20) µs (line-earth) 10 kA (per path)
Nominal discharge current In(8/20) µs (shield-earth) 10 kA (optional)
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) 10 kA
Max. discharge current Imax(8/20) µs maximum (line-earth) 10 kA (per path)
Max. disc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / S-PT-1X2-24DC-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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