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"**



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|---|---|
| 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

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|---|---|
| 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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