

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-6BE6992A7D
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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)
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Additional Product Information

Key Commercial Data

Orderkey 2882569

Packing unit 1 pc

Note Made to Order (non-returnable)

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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 clearances 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 $I_{Cat UC} \leq 10 \mu A$

Residual current IPE ≤ 2 μA

Nominal discharge current $I_n(8/20) \mu s$ (line-line) 10 kA

Nominal discharge current $I_n(8/20) \mu s$ (line-earth) 10 kA (per path)

Nominal discharge current $I_n(8/20) \mu s$ (shield-earth) 10 kA (optional)

Pulse discharge current $I_{imp}(10/350) \mu s$ 1 kA

Total discharge current $I_{total}(8/20) \mu s$ 20 kA

Total discharge current $I_{total}(10/350) \mu s$ 2 kA

Max. discharge current $I_{max}(8/20) \mu s$ maximum (line-line) 10 kA

Max. discharge current $I_{max}(8/20) \mu s$ 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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