

INDUSTRIAL COMPONENT DATA

S-PT-EX-24DC-1/2" 2800035 PHOENIX CONTACT Surge protection device

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	S-PT-EX-24DC-1/2"
Catalog number	2800035
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-67E02260E1
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Product Overview

Surge protection device

Surge protection for a potential-free driven signal circuit to ground on the IP67 rating spin-on module for sensor heads, 1/2 inch 14 NPT connection. 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.

Surge protection for an earth potential-free operated signal circuit in the screw-on module of protection class IP67 for sensor heads, connection 1/2 inch 14 NPT. Tested according to types of ignition protection in Ex areas Ex d / Ex tD / Ex ia IIC / Ex iaD. Is suitable for use in the fieldbus system according to the FISCO concept, HART-capable. Can be used in safety-related 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 2800035

Packing unit 1 pc

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GTIN 4046356411011

Weight per Piece (excluding packing) 198.430 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 $\leq$ 2000 m (amsl (above mean sea level))

Degree of protection IP67

General

Housing material Stainless steel

Color silver

Mounting type 1/2" NPT

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 I_{Cat} UC $\leq$ 5 μ AResidual current IPE $\leq$ 2 μ ANominal discharge current $I_n(8/20)$ μ s (line-line) 260 ANominal discharge current $I_n(8/20)$ μ s (line-earth) 10 kAPulse discharge current $I_{imp}(10/350)$ μ s 1 kATotal discharge current $I_{total}(8/20)$ μ s 20 kATotal discharge current $I_{total}(10/350)$ μ s 2 kAMax. discharge current $I_{max}(8/20)$ μ s maximum (line-line) 260 AMax. discharge current $I_{max}(8/20)$ μ s maximum (line-earth) 20 kANominal pulse current $I_{an}(10/1000)$ μ s (line-line) 50 AOutput voltage limitation at 1 kV/ μ s (line-line) spike $\leq$ 130 VOutput voltage limitation at 1 kV/ μ s (line-earth) spike $\leq$ 1.1 kVOutput voltage limitation at 1 kV/ μ s (line-line) static $\leq$ 60 VVoltage protection level U_p (line-line) $\leq$ 65 V (C3 - 10 A)Voltage protection level U_p (line-...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / S-PT-EX-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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