INDUSTRIAL COMPONENT DATA

S-PT-EX(I)-24DC-1/2" 2882572 PHOENIX CONTACT Surge protection device

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	S-PT-EX(I)-24DC-1/2"
Catalog number	2882572
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-FB89F96A61
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Product Overview

Surge protection device
Overvoltage protection. in IP67 screw-on module for circ measurement probes. intrinsically safe, direct mounting via 1/2" NPT ext. thread, signal line cable gland, circ. of Protec. two-tiered. Suitable for HART.
Surge protection in the IP67 screw-on module for measuring sensors in intrinsically safe circuits, direct mounting with 1/2" NPT external thread, cable gland for the signal line, two-stage protective circuit. HART-compatible. 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

Technical dataNotesNotes on operation When the bridge is disconnected, the shield connection is indirectly connected to the housing or reference potential.
Product propertiesProduct type Surge protection for MCR technology
Product family SURGETRAB
IEC test classification C1
C2
C3
D1
Type Screw-in module
Number of positions 3

Surge protection fault message none
Wire pairs per module 1
Data management status
Article revision 17
Insulation characteristics
Overvoltage category III
Pollution degree 2
Electrical propertiesNominal voltage UN 24 V DC
Connection dataConnection method Screw connection
Screw thread M3
Tightening torque 0.6 Nm
Conductor cross section flexible 0.14 mm² ... 1.5 mm²
Conductor cross section rigid 0.14 mm² ... 1.5 mm²
Conductor cross section AWG 26 ... 16
Ex dataMaximum inner capacitance Ci 2 nF
Max. internal inductance Li 1 µH
Max. input current Ii 350 mA (T4 / <= 50 °C)
350 mA (T5 / <= 50 °C)
350 mA (T6 / <= 50 °C)
Max. input voltage Ui 30 V
max. input power Pi 3.00 W
Insulation voltage to ground 500 V AC
Ambient temperature (operation) -40 °C ... 50 °C
Max. surface temperature 135 °C (T4)
100 °C (T5)
85 °C (T6)
DimensionsDimensional drawing
Width 33.5 mm
Height 33.5 mm
Depth 148 mm
Material specificationsColor Steel/stainless steel color
Housing material Zinc die-cast, surface bronzed and nickel-plated
Housing surface material nickel-plated
Mechanical propertiesMechanical data
Open side panel No
Protective circuitDirection of action Line-Line & Line-Earth Gr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / S-PT-EX(I)-24DC-1/2" with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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