

## INDUSTRIAL COMPONENT DATA

# PT 4-EX(I)-24DC-ST 2839253 PHOENIX CONTACT Surge protection plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 4-EX(I)-24DC-ST



|                 |                                                    |
|-----------------|----------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                    |
| MPN / Reference | PT 4-EX(I)-24DC-ST                                 |
| Catalog number  | 2839253                                            |
| Category        | Combined arrester for data networks/MCR-technology |
| Minimum order   | 1 Pcs                                              |
| Document ID     | EO-F416171047                                      |
| Generated       | 2026-09-19                                         |

## Product Overview

Surge protection plug

PT plug-in protection protection circuit for a 4-conductor Ex i signal circuit with no earth potential. Rated voltage: 24 V DC  
PT protective connector with protective circuit for a 4-wire floating Ex-i signal circuit. Nominal voltage: 24 V DC

## 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 dataProduct propertiesProduct type Surge protection for MCR technology

Product family PLUGTRAB PT

IEC test classification C1

C2

C3

D1

Type Male

Number of positions 4

Arrester can be tested with CHECKMASTER from software version: From SW rev. 1.00

Data management status

Article revision 26

Insulation characteristics

Overvoltage category III

Pollution degree 2

Electrical propertiesNominal voltage UN 24 V DC

Connection dataConnection method Screw connection (in connection with the base element)

Screw thread M3

Tightening torque 0.5 Nm

Conductor cross section flexible 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Conductor cross section rigid 0.2 mm<sup>2</sup> ... 4 mm<sup>2</sup>

Conductor cross section AWG 24 ... 12

Ex dataMaximum inner capacitance Ci 1.1 nF

Max. internal inductance Li 1 µH

Max. input current Ii 500 mA (T4 / ≤ 80 °C)

500 mA (T5 / ≤ 55 °C)

500 mA (T6 / ≤ 40 °C)

Max. input voltage Ui 30 V DC

max. input power Pi 850.00 mW (T4 / ≤ 80 °C)

700.00 mW (T5 / ≤ 55 °C)

700.00 mW (T6 / ≤ 40 °C)

Maximum inner time factor (Ri/Li) ≤ 10 µs

Ambient temperature (operation) -40 °C ... 80 °C (T4)

-40 °C ... 55 °C (T5)

-40 °C ... 40 °C (T6)

DimensionsDimensional drawing

Width 17.7 mm

Height 44.8 mm

Depth 51.7 mm

Horizontal pitch 1 Div.

Complete module width 17.7 mm

Complete module height 90 mm

Complete module depth 65.5 mm

Material specificationsColor blue (RAL 5015)

Flammability rating according to UL 94 V-0

Housing material PA 6.6

Mechanical propertiesMechanical data

Open side panel No

Protective circuitDirection of...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 4-EX(I)-24DC-ST with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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