

INDUSTRIAL COMPONENT DATA

TTC-6P-1X2-EX-24DC-UT-I 1065312 PHOENIX CONTACT Surge protection, consisting of protective plug and base ele..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-1X2-EX-24DC-UT-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6P-1X2-EX-24DC-UT-I
Catalog number	1065312
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
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Product Overview

Surge protection, consisting of protective plug and base element, with integrated status indicator for a 2-wire floating Ex i signal circuit, e.g. 0(4) - 20 mA current loop.

Surge protection, consisting of plug-in protection and base element, with integrated status indication for a potential-free 2-wire intrinsically safe signal circuit, e.g. 0(4) current loop... 20 mA, suitable for HART.

Surge protection, consisting of protective plug and base element, with integrated status indicator for a 2-wire floating Ex i signal circuit, e.g., 0(4) mA ... 20 mA current loop, 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)
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Additional Product Information

Technical dataProduct propertiesProduct type Surge protection for MCR technology

Product family TERMITRAB complete

IEC test classification C1

C2

C3

D1

Type DIN rail module, two-section, divisible

Wire pairs per module 1

Data management status

Article revision 10

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 0.5 Nm ... 0.6 Nm

Conductor cross section flexible 0.2 mm² ... 2.5 mm²

Conductor cross section rigid 0.2 mm² ... 4 mm²

Conductor cross section AWG 24 ... 12

Ex dataMaximum inner capacitance Ci negligible

Max. internal inductance Li negligible

Max. input current Ii 400 mA (T4 / -40 °C ... +50 °C)

250 mA (T4 / -40 °C ... +70 °C)

350 mA (T6 / -40 °C ... +35 °C)

100 mA (T6 / -40 °C ... +70 °C)

Max. input voltage Ui 30 V DC

Insulation voltage to ground > 180 V DC

Ambient temperature (operation) -40 °C ... 70 °C (with current derating)

DimensionsDimensional drawing

Width 6.2 mm +0.1 mm

Height 105.8 mm

Depth 100 mm (incl. DIN rail 7.5 mm)

Material specificationsColor blue (RAL 5015)

light gray (RAL 7035)

Flammability rating according to UL 94 V-0

Insulating material PBT

Housing material PBT

Mechanical propertiesMechanical data

Open side panel No

Protective circuitDirection of action Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground

Maximum continuous voltage UC 30 V DC

Rated current 600 mA (4...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6P-1X2-EX-24DC-UT-I with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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