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
Document ID	EO-C406EF7EE9
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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)

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

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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