INDUSTRIAL COMPONENT DATA

TTC-6P-3-EX-24DC-UT-I 1064665 PHOENIX CONTACT Surge protection, consisting of protective plug and base eleme..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-3-EX-24DC-UT-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6P-3-EX-24DC-UT-I
Catalog number	1064665
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-B0C9B70179
Generated	2026-11-19

Product Overview

Surge protection, consisting of protective plug and base element, with integrated status indicator for a 3-wire floating Ex i signal circuit, HART-compatible.
Surge protection, consisting of plug-in protection and base element, with integrated status indication for a floating, HART-capable 3-wire intrinsically safe signal circuit.

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 1064665
Packing unit 1
Catalog page Page 158 (C-4-2019)
GTIN 4055626722733
Custom tariff number 85363010
Drawings
Ambient conditions
Protective circuit
Standards and Regulations
Conformity / approvals
Classifications

Dimensions
General
Connection data
General
Environmental Product Compliance
Drawings
Dimensional drawing
Pictogram
Circuit diagram
Back to topDimensions
Height 105.8 mm
Width 6.2 mm +0.1 mm
Depth 100 mm (incl. DIN rail 7.5 mm)
Back to topAmbient conditions
Ambient temperature (operation) -40 °C ... 85 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Permissible humidity (operation) 5 % ... 95 %
Altitude <= 2000 m (amsl (above mean sea level))
Degree of protection IP20
Back to topGeneral
Housing material PBT
Flammability rating according to UL 94 V-0
Color sky blue RAL 5015
Mounting type DIN rail: TH 35 - 7.5 mm
Type DIN rail module, two-section, divisible
Direction of action Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground
Back to topProtective circuit
IEC test classification C1
C2
C3
D1
Nominal voltage UN 24 V DC
Maximum continuous voltage UC 30 V DC
Rated current 5 A (55 °C)
Operating effective current ICat UC <= 5 µA
Residual current IPE <= 1 µA
Nominal discharge current In(8/20) µs (line-line) 0.5 kA
Nominal discharge current In(8/20) µs (line-earth) 5 kA
Pulse discharge current Iimp(10/350) µs (line-earth) 0.5 kA
Total discharge current Itotal(8/20) µs 10 kA
Voltage protection level Up(l...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6P-3-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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