

INDUSTRIAL COMPONENT DATA

TTC-6P-3-HF-M-12DC-UT-I 2906744 PHOENIX CONTACT Surge protection, consisting of protective plug and base ele..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-3-HF-M-12DC-UT-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6P-3-HF-M-12DC-UT-I
Catalog number	2906744
Category	Surge protection device 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 and knife disconnection for three signal wires with common reference potential. For HF applications and telecommunications interfaces without supply voltage.

Surge protection, consisting of plug-in protection and base element, with integrated status indication and blade interrupt for three signal conductors with common reference potential. For high-frequency applications and telecommunication interfaces without supply voltage, EX e approval for zone 2.

Surge protection, consisting of protective plug and base element, with integrated status indicator and knife disconnection for three signal wires with common reference potential. For HF applications and telecommunications interfaces without supply voltage, EX e approval for zone 2. 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 information technology

Product family TERMITRAB complete

IEC test classification C1

C2

C3

D1

Type DIN rail module, two-section, divisible

Data management status

Article revision 07

Insulation characteristics

Overvoltage category III

Pollution degree 2

Electrical propertiesNominal voltage UN 12 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 input current 600 mA (T4 / ≤ 30 °C)

500 mA (T4 / > 30 °C ... ≤ 50 °C)

400 mA (T4 / > 50 °C ... ≤ 70 °C)

Maximum input voltage 15 V DC

Altitude ≤ 2000 m (amsl)

Ambient temperature (operation) -40 °C ... 70 °C (T4)

DimensionsDimensional drawing

Width 6.2 mm +0.1 mm

Height 105.8 mm

Depth 100 mm (incl. DIN rail 7.5 mm)

Material specificationsColor (Base element) gray (RAL 7042)

Color (Male connector) 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 15 V DC

10 V AC

Rated current 600 mA (56 °C)

Operating effective current I_{Cat UC} ≤ 100 μA

Residual current I_{PE} ≤ 200 μA

Nominal discharge current I_{n(8/20)} μs (I...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6P-3-HF-M-12DC-UT-I with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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