INDUSTRIAL COMPONENT DATA

TTC-6P-2-HC-24DC-I-P 2907845 PHOENIX CONTACT Surge protection plug with integrated status indicator on the m..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TTC-6P-2-HC-24DC-I-P



Manufacturer	PHOENIX CONTACT
MPN / Reference	TTC-6P-2-HC-24DC-I-P
Catalog number	2907845
Category	Accessories/spare parts for surge protection data networks/MCR-te
Minimum order	1 Pcs
Document ID	EO-747B43F71C
Generated	2026-11-19

Product Overview

Surge protection plug with integrated status indicator on the module for a 2-wire floating signal circuit with a high nominal current. Nominal voltage: 12 V DC
Pluggable surge protection with status indication integrated into the module for a potential-free 2-wire signal circuit with a high rated current. Rated 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 Replacement plug
Product family TERMITRAB complete
Type Male
Insulation characteristics
Overvoltage category III
Pollution degree 2
Electrical propertiesNominal voltage UN 24 V DC
Connection dataConnection method pluggable
DimensionsDimensional drawing
Width 6.2 mm +0.1 mm
Height 39 mm
Depth 60.3 mm

Material specificationsColor light gray (RAL 7035)
gray (RAL 7042)
Flammability rating according to UL 94 V-0
Insulating material PBT
Housing material PBT
Protective circuitMaximum continuous voltage UC 30 V DC
Rated current 6 A (55 °C)
Environmental and real-life conditionsAmbient conditions
Degree of protection IP20
Ambient temperature (operation) -40 °C ... 85 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Altitude <= 4000 m (amsl)
Permissible humidity (operation) 5 % ... 95 %
Standards and regulationsEN 61643-21
Standards/specifications EN 61643-21
Note 2001 + A1:2009 + A2:2013
Standards/specifications IEC 61643-21
Note 2000 + corrigendum 2001 + A1:2008, modified + A2:2012
MountingMounting type on base element

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TTC-6P-2-HC-24DC-I-P 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.