INDUSTRIAL COMPONENT DATA

HC-TSC-B06-I-UT-M-CE 1541916 PHOENIX CONTACT Contact insert, number of poles: 6+PE, size: B6, Male, Screw co..

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-TSC-B06-I-UT-M-CE



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-TSC-B06-I-UT-M-CE
Catalog number	1541916
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-247E195BD1
Generated	2026-11-19

Product Overview

Contact insert, number of poles: 6+PE, size: B6, Male, Screw connection, 200 V, 16 A, 1.5 mm2 ... 6 mm2

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 > Industrial plug-in connectors/interfaces

Additional Product Information

Technical dataNotesGeneral Please observe the circuit diagram
General Use at least 1.5 mm² cables with a maximum conductor loop of 2 m. No open conductor loops permitted!
Product propertiesType B6
Product type Contact insert with a fixed no. of positions
Number of positions 6
Connection profile 6+PE
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Connection dataConnection technology
Connection technology Screw connection
Conductor connection
Conductor cross section 1.5 mm² ... 6 mm²
Connection cross section AWG 16 ... 10
Tightening torque 1.2 Nm

Stripping length of the individual wire 10 mm
Electrical propertiesRated voltage (III/3) 200 V (when plugged in)
20 V (Unplugged and during plugging)
Rated surge voltage 2.5 kV
Rated current 16 A (When plugged in)
5 A (Unplugged and during plugging)
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 500
Material specificationsFlammability rating according to UL 94 V0
Contact material Copper alloy
Contact surface material Ag
Contact carrier material PC
Environmental and real-life conditionsAmbient conditions
Ambient temperature (operation) -40 °C ... 125 °C (including heating up of contacts)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-TSC-B06-I-UT-M-CE 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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