

## 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-E04A0A4394                             |
| Generated       | 2026-08-06                                |

## Product Overview

Contact insert, number of poles: 6+PE, size: B6, Male, Screw connection, 200 V, 16 A, 1.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>

## 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 mm<sup>2</sup> 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 mm<sup>2</sup> ... 6 mm<sup>2</sup>

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  $\geq 500$   
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)  
ETIM for 1541916 Connectors (EC000438)

Feature Name  
Feature Value  
Number of power contacts (EF012216)  
6  
Number of control contacts (EF012217)  
0  
Contact insert without contacts (EF007324)  
No  
Contact type (EF001587)  
Pin  
Number of poles (EF001391)  
6  
Diameter plug-in contact (EF007320)  
2.5 mm  
Material connect...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-TSC-B06-I-UT-M-CE with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.