

INDUSTRIAL COMPONENT DATA

HC-TSC-B06-I-UT-F-CE 1541918 PHOENIX CONTACT Contact insert, number of poles: 6+PE, size: B6, Female, Screw ..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-TSC-B06-I-UT-F-CE
Catalog number	1541918
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-3ADCF92969
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Product Overview

Contact insert, number of poles: 6+PE, size: B6, Female, Screw connection, 200 V, 16 A, 1.5 mm² ... 6 mm², with short circuit function

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

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)
ETIM for 1541918 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)
Bus
Number of poles (EF001391)
6
Diameter plug-in contact (EF007320)
2.5 mm
Material connector insert (EF007545)
Thermoplastic
Rated current I_n (EF008250)
16 A
Ambient temperature (EF002386)
125 °C
Ope...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-TSC-B06-I-UT-F-CE with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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