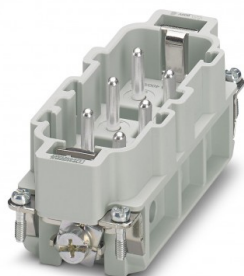


INDUSTRIAL COMPONENT DATA

HC-HS06-I-UT-M 1406531 PHOENIX CONTACT HEAVYCON male insert, HS6 series, 6-pos., screw connection

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-HS06-I-UT-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-HS06-I-UT-M
Catalog number	1406531
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-BD6A31AEA4
Generated	2026-08-04

Product Overview

HEAVYCON male insert, HS6 series, 6-pos., screw connection

Contact insert, number of poles: 6+PE, size: B16, number of connections per pole: 1, Male, Screw connection, 400 V/690 V, 41 A, 0.5 mm² ... 6 mm², Application: Power

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

General

Note For HEAVYCON housing B16 and B32

Connection method Screw connection

Tightening torque 1.2 Nm

Screwdriver blade PH1

Pollution degree 3

Overvoltage category III

Number of positions 6+PE

Insertion/withdrawal cycles >= 500

Type B16

Connection in acc. with standard IEC / EN

Conductor cross section 0.5 mm² ... 6 mm²

Connection cross section AWG 20 ... 10

Stripping length of the individual wire 10 mm

Assembly instructions Connectors may be operated only when there is no load/voltage.

Ambient conditions

Ambient temperature (operation) -40 °C ... 125 °C (including heating up of contacts)

Material data

Flammability rating according to UL 94 V0

Contact material Copper alloy

Contact surface material Ag

Contact carrier material PC

Standards/regulations PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2

(Risk level HL1 - HL3)

Electrical characteristics

Rated voltage for power contacts 400/690 V

Rated voltage (III/3) 400 V (Conductor-PE)

690 V (Conductor-Conductor)

Rated surge voltage 6 kV

Rated current 41 A

ETIM for 1406531 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)

3.5 mm

Material connector insert (EF007545)

Thermoplastic

Rated current I_n (EF008250)

41 A

Ambient temperature (EF002386)

125 °C

Operating temperatur...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-HS06-I-UT-M 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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