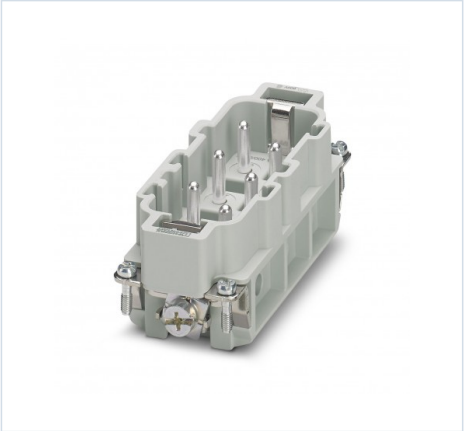
INDUSTRIAL COMPONENT DATA

# 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-A7395C0FF3 |
| Generated | 2026-11-19 |

## 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

## 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

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.