INDUSTRIAL COMPONENT DATA

HC-B 16-I-UT-M 1648238 PHOENIX CONTACT HEAVYCON male insert, B16 series, 16-pos., screw connection

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B 16-I-UT-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B 16-I-UT-M
Catalog number	1648238
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-C6594881C1
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Product Overview

HEAVYCON male insert, B16 series, 16-pos., screw connection
Contact insert, number of poles: 16+PE, size: B16, number of connections per pole: 1, Male, Screw connection, 500 V, 16 A, 0.5 mm² ... 2.5 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

Technical dataNotesGeneral for flexible conductors with or without ferrules
General Connectors may be operated only when there is no load/voltage.
MountingAssembly note To ensure correct use, installation in housing with IP54 protection or better is required
Product propertiesProduct type Contact insert with a fixed no. of positions
Series HC-B
Application Power
Type B16
B32
Number of positions 16
Connection profile 16+PE
Contact numbering 1 - 16
Number of connections per position 1
Contact material type turned

Screwdriver blade 0.5 x 3.5 mm
Data management status
Article revision 18
Insulation characteristics
Overvoltage category III
Degree of pollution 3
DimensionsDimensional drawing
Width 34 mm
Height 32 mm
Length 84 mm
Drill hole distance, horizontal 77.5 mm
Drill hole distance, vertical 27 mm
Mechanical characteristics
Contact diameter 2.5 mm
Connection dataConnection technology
Connection technology Screw connection
Number of connections per position 1
Connection in acc. with standard IEC / EN
Conductor connection
Conductor cross section 0.5 mm² ... 2.5 mm²
Connection cross section AWG 20 ... 14
Tightening torque 0.8 Nm ... 1.2 Nm (PE connection)
0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)
0.5 Nm ... 0.8 Nm
Stripping length of the individual wire 8 mm
Electrical propertiesRated voltage (III/3) 500 V
Rated surge voltage 6 kV
Rated current 16 A
SCCR 5 kA (UL 2237)
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 500
Material...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B 16-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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