INDUSTRIAL COMPONENT DATA

HC-BB32-I-CT-M 33-64 1406544 PHOENIX CONTACT HEAVYCON pin insert, series: BB32, 32-pos., pos. marking: 33 ....

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-BB32-I-CT-M 33-64



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-BB32-I-CT-M 33-64
Catalog number	1406544
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-8782626F42
Generated	2026-11-19

Product Overview

HEAVYCON pin insert, series: BB32, 32-pos., pos. marking: 33 ... 64, crimp connection, with plastic coding profile, can be coded
Contact insert, number of poles: 32+PE, size: B16, Male, Crimped connection, 500 V, 16 A, 0.5 mm² ... 4 mm², Application: Power
Contact insert, number of positions: 32+PE, size: B16, Pin, Crimp connection, 500 V, 16 A, 0.5 mm2 ... 4 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 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-BB
Application Power
Type B16
B32
Number of positions 32

Connection profile 32+PE
Contact numbering 33 - 64
Contact material type turned
Data management status
Article revision 04
Insulation characteristics
Overvoltage category III
Degree of pollution 3
DimensionsDimensional drawing
Width 34 mm
Height 33.2 mm
Length 84.5 mm
Drill hole distance, horizontal 77.5 mm
Drill hole distance, vertical 27 mm
Mechanical characteristics
Minimum housing height 72 mm
Contact diameter 2.5 mm
Connection dataConnection technology
Connection technology Crimp connection
Connection in acc. with standard IEC / EN
Conductor connection
Conductor cross section 0.5 mm² ... 4 mm²
Connection cross section AWG 20 ... 12
Tightening torque 0.8 Nm ... 1.2 Nm (PE connection)
0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)
Stripping length of the individual wire 7.5 mm
Electrical propertiesRated voltage (III/3) 500 V
Rated surge voltage 6 kV
Rated current 16 A (power contacts)
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 500
Material specificationsFlammability rating according to UL 94 V0
Contact material Copper alloy
Contact surface material Ag (alternatively Au)
Contact carrie...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-BB32-I-CT-M 33-64 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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