INDUSTRIAL COMPONENT DATA

HC-B 24-ESTQ-2,5-48 1605666 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B 24-ESTQ-2,5-48



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B 24-ESTQ-2,5-48
Catalog number	1605666
Category	Contact insert for rectangular connectors
Minimum order	10 Pcs
Document ID	EO-F9F85A0F89
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Product Overview

Contact insert
Contact insert, number of poles: 24+PE, size: B24, Male, QUICKON connection, 500 V, 16 A, 0.34 mm² ... 2.5 mm²

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-B
Type B24
B48
Number of positions 24
Connection profile 24+PE
Contact numbering 1 - 24
Contact material type rolled
Data management status
Article revision 06
Insulation characteristics
Overvoltage category III

Degree of pollution 3
DimensionsDimensional drawing
Width 34 mm
Height 35 mm
Length 111 mm
Drill hole distance, horizontal 104 mm
Drill hole distance, vertical 27 mm
Mechanical characteristics
Contact diameter 2.5 mm
Connection dataConnection technology
Connection technology QUICKON connection
Conductor connection
Conductor cross section 0.34 mm² ... 2.5 mm² (Litz wire structure VDE 0295, Class 1 - 5/litz wire diameter >= 0.2 mm)
Connection cross section AWG 22 ... 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)
Electrical propertiesRated voltage (III/3) 500 V
500 V
Rated surge voltage 6 kV
6 kV
Rated current 16 A
16 A
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 PA
Standards/regulations PA: Fire protection in rail vehicles - requireme...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B 24-ESTQ-2,5-48 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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