

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-E4CB1A1425
Generated	2026-08-02

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 $\geq$ 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 $\geq$ 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

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