INDUSTRIAL COMPONENT DATA

HC-B 24-ESTQ-2,5-OLOGO 1605645 PHOENIX CONTACT Contact insert

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B 24-ESTQ-2,5-OLOGO
Catalog number	1605645
Category	Contact insert for rectangular connectors
Minimum order	10 Pcs
Document ID	EO-7387BBB20D
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, size: B24, 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
Type B24
B48
Number of positions 24
Insulation characteristics
Overvoltage category III
Degree of pollution 3
DimensionsMechanical characteristics
Contact diameter 2.5 mm
Connection dataConnection technology
Connection technology QUICKON connection
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
Environmental and real-life conditionsAmbient conditions
Ambient temperature (operation) -40 °C ... 125 °C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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