INDUSTRIAL COMPONENT DATA

HC-B 24-I-CT-F-48 1584981 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B 24-I-CT-F-48



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B 24-I-CT-F-48
Catalog number	1584981
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-C22F4EB27D
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 24+PE, size: B24, Female, Crimped connection, 500 V, 16 A, 0.5 mm² ... 4 mm²
Contact Element, Number of Poles: 24+PE, Size: B24, Female Connector, Crimp Connection, 500V, 16A, 0.5mm2... 4 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

Key Commercial Data
Orderkey 1584981
Packing unit 1 pc
Catalog page Page 541 (C-2-2017)
GTIN 4046356156196
Weight per Piece (excluding packing) 76.800 g
Custom tariff number 85366990
Country of origin CN (China)
General
Note For HEAVYCON ADVANCE housing of B24 type and HEAVYCON housing of B24/B48 type, crimp contacts CK 2,5-ED (crimp contacts not included in the scope of supply).
Connectors may be operated only when there is no load/voltage.
Connection method Crimp connection
Degree of pollution 3

Overvoltage category III
Number of positions 24+PE
Insertion/withdrawal cycles >= 500
Size B24
Contact numbering 25 - 48
Conductor cross section 0.5 mm² ... 4 mm²
Connection cross section AWG 20 ... 12
Stripping length of the individual wire 7.5 mm
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Connection For housing type B24. Connectors may only be inserted when there is no load/the power is switched off. Use a screwdriver to remove the crimp contacts. The opening for the screwdriver is next to the opening where the conductor is inserted.
Ambient conditions
Degree of protection (IP) IP20
Ambient temperature (operation) -40 °C ... 125 °C (including heating up of contacts)
Material data
Contact material Copper alloy
Contact surface material Ag (alternatively Au)
Contact carrier material PA
Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22 and R23 acc. to DIN EN 45545-2 (Risk level HL1 - H...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B 24-I-CT-F-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.