INDUSTRIAL COMPONENT DATA

HC-DD72-I-CT-F 1584091 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-DD72-I-CT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-DD72-I-CT-F
Catalog number	1584091
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-04B8A45958
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 72+PE, size: B16, number of connections per pole: 1, Female, Crimped connection, 250 V, 10 A, 0.14 mm² ... 2.5 mm², application: Signal

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 1584091
Packing unit 1 pc
Catalog page Page 533 (C-2-2017)
GTIN 4046356133401
Weight per Piece (excluding packing) 60.400 g
Custom tariff number 85389099
Country of origin CN (China)
General
Note For HEAVYCON ADVANCE and HEAVYCON housing of B16 type, crimp contacts CK 1,6-ED (crimp contacts not included in the scope of supply). Plug-in connections may only be operated only when there is no load/voltage.
Connection method Crimp connection
Degree of pollution 3
Overvoltage category III

Number of positions 72+PE
Insertion/withdrawal cycles >= 500
Size B16
Contact numbering 1 - 72
Conductor cross section 0.14 mm² ... 2.5 mm²
Connection cross section AWG 26 ... 14
Stripping length of the individual wire 8 mm (0.14 ... 1.5 mm²)
6 mm (2.5 mm²)
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Connection Connectors may be plugged in only when there is no load/voltage.
Ambient conditions
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 PC
Standards/regulations PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)
Electrical characteristics
Rated voltage (III/3) 250 V
Rated surge voltage 4 kV
Rated current 10 A
Standards and Regulations
Connection in acc. with standard CSA
Construct...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-DD72-I-CT-F with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.