INDUSTRIAL COMPONENT DATA

HC-A03-I-UT-F 1585223 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-A03-I-UT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-A03-I-UT-F
Catalog number	1585223
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-FC6847AC37
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 3+PE, size: D7, number of connections per pole: 1, Female, Screw connection, 230 V/400 V, 16 A, 0.5 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

Key Commercial Data
Orderkey 1585223
Packing unit 1 pc
Catalog page Page 501 (C-2-2017)
GTIN 4046356284950
Weight per Piece (excluding packing) 15.000 g
Custom tariff number 85366990
Country of origin CN (China)
General
Note for housing HC-D7
Connectors may be operated only when there is no load/voltage.
Connection method Screw connection
Tightening torque 0.25 Nm ... 0.5 Nm
Screwdriver blade 0.4 x 2.5 mm

Number of connections per position 1
Degree of pollution 3
Overvoltage category III
Number of positions 3+PE
Insertion/withdrawal cycles >= 500
Size D7
Contact numbering 1 - 3
Conductor cross section 0.5 mm² ... 2.5 mm²
Connection cross section AWG 20 ... 14
Stripping length of the individual wire 5 mm
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Connection Already includes one IP65 sealing screw
Ambient conditions
Ambient temperature (operation) -40 °C ... 125 °C (including heating up of contacts)
Material data
Contact material Copper alloy
Contact surface material Ag
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 for power contacts 230/400 V
Rated voltage (III/3) 230 V (Conductor-PE)
400 V (Conductor-Conductor)
Rated surge voltage 4 kV
4 kV
Rated current 24 A
Standards and Regulations
Flammability rating according to UL 94 V0
Environmental Produc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-A03-I-UT-F 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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