

## 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-9FFA2EFC8C                             |
| Generated       | 2026-08-06                                |

## 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 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification &amp; Catalog Path

Catalog path PHOENIX CONTACT &gt; 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  $\geq 500$

Size D7

Contact numbering 1 - 3

Conductor cross section 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.