INDUSTRIAL COMPONENT DATA

# HC-A16-I-UT-F 1585320 PHOENIX CONTACT Contact insert

**Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-A16-I-UT-F**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | HC-A16-I-UT-F |
| Catalog number | 1585320 |
| Category | Contact insert for rectangular connectors |
| Minimum order | 1 Pcs |
| Document ID | EO-5BB5ADBD28 |
| Generated | 2026-11-19 |

## Product Overview

Contact insert
Contact insert, number of poles: 16+PE, size: D25, number of connections per pole: 1, Female, Screw connection, 250 V, 16 A, 0.5 mm² ... 2.5 mm²
Contact insert, number of positions: 16+PE, size: D25, number of connections per position: 1, Socket, Screw connection, 250 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

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial plug-in connectors/interfaces |

## Additional Product Information

Technical dataNotesGeneral for flexible conductors with or without ferrules
General Connectors may be operated only when there is no load/voltage.
General for HC-D25 / HC-D 50 housing
MountingAssembly note To ensure correct use, installation in housing with IP54 protection or better is required for plastic coding profiles: 4 pcs.
Product propertiesProduct type Contact insert with a fixed no. of positions
Series HC-A
Type D25
D50
Number of positions 16
Connection profile 16+PE
Contact numbering 1 - 16

Number of connections per position 1
Contact material type turned
Screwdriver blade 0.5 x 3.5 mm
Data management status
Article revision 06
Insulation characteristics
Overvoltage category III
Degree of pollution 3
DimensionsDimensional drawing
Width 23 mm
Height 33 mm
Length 72 mm
Drill hole distance, horizontal 66 mm
Drill hole distance, vertical 16 mm
Mechanical characteristics
Contact diameter 2.5 mm
Connection dataConnection technology
Connection technology Screw connection
Number of connections per position 1
Connection in acc. with standard IEC / EN
Conductor connection
Conductor cross section 0.5 mm² ... 2.5 mm²
Connection cross section AWG 20 ... 14
Tightening torque 0.7 Nm ... 1 Nm (PE connection)
0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)
0.5 Nm
Stripping length of the individual wire 7 mm
Electrical propertiesRated voltage (III/3) 250 V
Rated surge voltage 4 kV
4 kV
Rated current 16 A
SCCR 5 kA (UL 2237)
Mechanical propertiesMechanical da...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-A16-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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