INDUSTRIAL COMPONENT DATA

HC-A16-I-PT-F-32 1585401 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-A16-I-PT-F-32



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-A16-I-PT-F-32
Catalog number	1585401
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-79E9AFE7E8
Generated	2026-11-19

Product Overview

Contact insert

Contact insert, number of poles: 16+PE, size: D25, Female, Push-in connection, 250 V, 16 A, 0.14 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 1585401
Packing unit 1 pc
Catalog page Page 515 (C-2-2017)
GTIN 4046356285131
Weight per Piece (excluding packing) 59.400 g
Custom tariff number 85366990
Country of origin CN (China)
General
Note for HC-D25 / HC-D 50 housing
Connectors may be operated only when there is no load/voltage.
For solid conductors or stranded conductors with ferrules
Connection method Push-in connection
Screwdriver blade 0.5 x 3.5 mm
Degree of pollution 3

Overvoltage category III
Number of positions 16+PE
Insertion/withdrawal cycles >= 500
Size D25
Contact numbering 17 - 32
Conductor cross section 0.14 mm² ... 2.5 mm² (applies to stranded conductors with ferrules)
Connection cross section AWG 26 ... 14
Stripping length of the individual wire 8 mm
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Connection
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
Electrical characteristics
Rated voltage (III/3) 250 V
Rated surge voltage 4 kV
4 kV
Rated current 16 A
Standards and Regulations
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”
Classifications
eCl@ss 4.0272607xxeCl@ss 4.127260701eC...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-A16-I-PT-F-32 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.