

INDUSTRIAL COMPONENT DATA

HC-A 16-ESTC 1677034 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-A 16-ESTC



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-A 16-ESTC
Catalog number	1677034
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-F9816531C9
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Product Overview

Contact insert

HEAVYCON male insert, A16 series, 16 poles, set connection

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 1677034

Packing unit 10 pc

Note Made to Order (non-returnable)

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GTIN 4017918129651

Weight per Piece (excluding packing) 43.040 g

Custom tariff number 85366990

Country of origin DE (Germany)

General

Note For HC-D25 / HC-D 50 housing, crimp contact CK2,5-ED (crimp contacts not included in scope of supply)

Connectors may be operated only when there is no load/voltage.

Connection method Crimp connection

Number of connections per position 1

Degree of pollution 3

Overvoltage category III

Number of positions 16+PE

Insertion/withdrawal cycles ≥ 500

Size D25

Contact numbering 1 - 16

Conductor cross section 0.5 mm² ... 4 mm² (applies to stranded conductors)

Connection cross section AWG 20 ... 12

Stripping length of the individual wire 8 mm

Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required

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 PA

Electrical characteristics

Rated voltage (III/3) 250 V

Rated surge voltage 4 kV

Rated current 16 A

Standards and Regulations

Connection in acc. with standard CSA

Constructional and testing regulations DIN VDE 0627/86

DIN VDE 0110/02.79

DIN VDE 0110-1/04.97

IEC 60664-1, DIN IEC 60512

IEC 60352

Flammability rating according to UL 94 V0

Environmental Product Compl...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-A 16-ESTC 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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