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-DEFBDC36AD
Generated	2026-11-18

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)
Catalog page Page 515 (C-2-2017)
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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