INDUSTRIAL COMPONENT DATA

HC-A 16-ESTC-32 1677076 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-A 16-ESTC-32



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-A 16-ESTC-32
Catalog number	1677076
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-497C794C26
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Product Overview

Contact insert
HEAVYCON male insert, A16 series, 16 poles, set connection, 17-32 numbering
HEAVYCON male insert, A16 series, 16-pos., crimp connection, numbering from 17-32

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

Technical dataNotesGeneral for HC-D25 / HC-D50 housing, crimp contact CK2,5-ED (crimp contacts not included in scope of supply)
General Connectors may be operated only when there is no load/voltage.
MountingAssembly note To ensure correct use, installation in housing with IP54 protection or better is required
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 17 - 32
Contact material type turned
Insulation characteristics
Overvoltage category III

Degree of pollution 3
DimensionsDimensional drawing
Width 23 mm
Height 31.8 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 Crimp connection
Connection in acc. with standard IEC / EN
Conductor connection
Conductor cross section 0.14 mm² ... 4 mm² (applies to stranded conductors)
Connection cross section AWG 20 ... 12
Tightening torque 0.7 Nm ... 1 Nm (PE connection)
0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)
Stripping length of the individual wire 8 mm
Electrical propertiesRated voltage (III/3) 250 V
Rated surge voltage 4 kV
Rated current 16 A
Test voltage 4 kV AC
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 500
Material specificationsFlammability rating according to UL 94 V0
Contact material Copper alloy
Contact surfa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-A 16-ESTC-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

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