INDUSTRIAL COMPONENT DATA

HC-B16-I-TPT-F 1423020 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B16-I-TPT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B16-I-TPT-F
Catalog number	1423020
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-8C51C58B66
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Product Overview

Contact insert
Contact insert, number of poles: 16+PE, size: B16, number of connections per pole: 2, Female, Push-in connection, 500 V, 16 A, 0.25 mm² ... 1.5 mm², Application: Power
Contact insert, number of positions: 16+PE, size: B16, number of connections per position: 2, Socket, Push-in connection, 500 V, 16 A, 0.25 mm2 ... 1.5 mm2, application: Power

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 Use only flexible conductors with ferrule (in conjunction with CRIMPFOX 6 only)
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-B
Application Power
Type B16
B32
Number of positions 16
Connection profile 16+PE
Contact numbering 1 - 16
Number of connections per position 2

Data management status
Article revision 03
Insulation characteristics
Overvoltage category III
Degree of pollution 3
DimensionsDimensional drawing
Width 34 mm
Height 34.6 mm
Length 84 mm
Drill hole distance, horizontal 77.5 mm
Mechanical characteristics
Contact diameter 2.5 mm
Connection dataConnection technology
Connection technology Push-in connection
Number of connections per position 2
Conductor connection
Conductor cross section 0.25 mm² ... 1.5 mm²
Connection cross section AWG 24 ... 16
Tightening torque 0.8 Nm ... 1.2 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 ±1 mm
Electrical propertiesRated voltage (III/3) 500 V
Rated surge voltage 6 kV
Rated current 16 A
Mechanical propertiesMechanical data
Insertion/withdrawal cycles >= 500
Material specificationsFlammability rating according to UL 94 V0
Contact material Copper alloy
Contact surface material Ag
Contact carrier mat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B16-I-TPT-F with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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