INDUSTRIAL COMPONENT DATA

HC-BB18-I-PT-M 1014420 PHOENIX CONTACT Contact insert, number of positions: 18+PE, size: B10, power contacts..

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-BB18-I-PT-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-BB18-I-PT-M
Catalog number	1014420
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-4EA0C0489F
Generated	2026-11-19

Product Overview

Contact insert, number of positions: 18+PE, size: B10, power contacts: 18, control contacts: 0, number of connections per position: 1, Pin, Push-in connection, 500 V, 16 A, 0.5 mm² ... 2.5 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

Key Commercial Data
Orderkey 1014420
Packing unit 1 pc
Catalog page Page 553 (C-2-2019)
GTIN 4055626492179
Weight per Piece (excluding packing) 80.000 g
Custom tariff number 85366990
Country of origin CN (China)
General
Material data
Standards and Regulations
Classifications
Ambient conditions
Electrical characteristics

Environmental Product Compliance
General
Note Connectors may be operated only when there is no load/voltage.
Connection method Push-in connection
Number of connections per position 1
Degree of pollution 3
Overvoltage category III
Number of positions 18+PE
No. of power contacts 18
No. of control contacts 0
Insertion/withdrawal cycles >= 500
Size B10
Contact numbering 1 - 18
Conductor cross section 0.5 mm² ... 2.5 mm² (with ferrule)
Connection cross section AWG 20 ... 14 (with ferrule)
Stripping length of the individual wire 10 mm
Minimum housing height 72 mm
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Back to topAmbient conditions
Ambient temperature (operation) -40 °C ... 125 °C (including heating up of contacts)
Back to topMaterial data
Contact material Copper alloy
Contact surface material Ag
Contact carrier material PC
Back to topElectrical characteristics
Rated voltage (III/3) 500 V
Rated surge voltage 6 kV
Rated current 16 A (power contacts)
Back to topStandards and Regulations
Flammability rating according to UL 94 V0
Back to topEnvironmental Product Compliance
China RoHS Environmentally...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-BB18-I-PT-M 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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