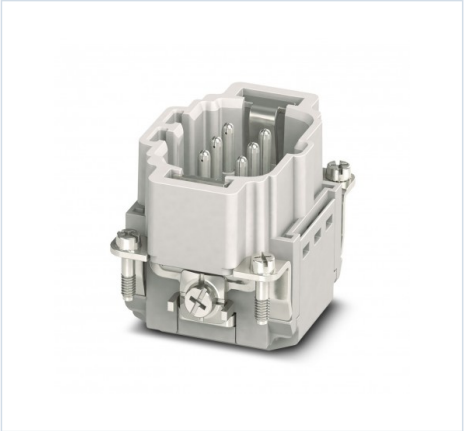
INDUSTRIAL COMPONENT DATA

HC-B06-I-PT-M 1407728 PHOENIX CONTACT HEAVYCON pin insert, B6 series, 6 + PE-pos., push-in connection

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B06-I-PT-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B06-I-PT-M
Catalog number	1407728
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-0A998EF3CB
Generated	2026-11-19

Product Overview

HEAVYCON pin insert, B6 series, 6 + PE-pos., push-in connection
Contact insert, number of poles: 6+PE, size: B6, number of connections per pole: 1, Male, Push-in connection, 500 V, 16 A, 0.14 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

General
Note For HEAVYCON ADVANCE and HEAVYCON housing of B6 type. Plug-in connections may only be operated only when there is no load/voltage.
Connection method Push-in connection
Pollution degree 3
Overvoltage category III
Number of positions 6+PE
Insertion/withdrawal cycles >= 500
Type B6
Conductor cross section 0.14 mm² ... 2.5 mm²
Connection cross section AWG 26 ... 14
Stripping length 8 mm ... 10 mm
Assembly instructions Coding also using the CP-HC (1686478) coding profiles. HC-B6../ HC-B10..for two coding profiles.

HC-B16../ HC-B24..for four coding profiles.
Connection Connectors may only be operated when there is no load/the power is switched off. Can be used for solid wires and stranded wires with ferrule.
Ambient conditions
Ambient temperature (operation) -40 °C ... 125 °C (including heating up of contacts)
Material data
Flammability rating according to UL 94 V0
Contact material Copper alloy
Contact surface material Ag/Sn (tarnish protection)
Contact carrier material PA
Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22 and R23 acc. to DIN EN 45545-2 (Risk level HL1 - HL2)
PA: Fire protection in rail vehicles - requirement set R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)
Electrical characteristics
Rated voltage (III/3) 500 V
Rated surge voltage 6 kV
Rated current 16 A

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B06-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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