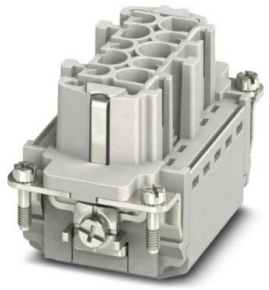
INDUSTRIAL COMPONENT DATA

HC-HV03-I-PT-F 1407743 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-HV03-I-PT-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-HV03-I-PT-F
Catalog number	1407743
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-A1DAB3B1EB
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 3+2+PE, size: B10, power contacts: 3, control contacts: 2, number of connections per pole: 1, Female, Push-in connection, 690 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

Key Commercial Data
Orderkey 1407743
Packing unit 1 pc
Catalog page Page 551 (C-2-2017)
GTIN 4046356777483
Weight per Piece (excluding packing) 60.800 g
Custom tariff number 85366990
Country of origin CN (China)
General
Note For solid conductors or stranded conductors with ferrules
Connection method Push-in connection (power contacts)
Push-in connection (control contacts)
Number of connections per position 1
Degree of pollution 3

Overvoltage category III
Number of positions 3+2+PE
No. of power contacts 3
No. of control contacts 2
Insertion/withdrawal cycles >= 500
Size B10
Conductor cross section 0.14 mm² ... 2.5 mm² (applies to stranded conductors with ferrules)
0.14 mm² ... 2.5 mm² (control contacts)
Connection cross section AWG 26 ... 14 (power contacts)
26 ... 14 (control contacts)
Stripping length 8 mm ... 10 mm (power contacts)
8 mm ... 10 mm (control contacts)
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
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
Contact material Copper alloy
Material of contact surface, power contact Ag
Material of contact surface, control contact Ag
Contact carrier material PC
Standards/regulations PA: Fire protection in rail vehicles - requirement sets R22 and...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-HV03-I-PT-F 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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