INDUSTRIAL COMPONENT DATA

HC-A03-I-PT-M 1585252 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-A03-I-PT-M



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-A03-I-PT-M
Catalog number	1585252
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-9750F0F617
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 3+PE, size: D7, number of connections per pole: 1, Male, Push-in connection, 230 V/400 V, 10 A, 0.14 mm² ... 1.5 mm²

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 1585252
Packing unit 1 pc
Catalog page Page 501 (C-2-2017)
GTIN 4046356284981
Weight per Piece (excluding packing) 13.480 g
Custom tariff number 85366990
Country of origin CN (China)
General
Note for housing HC-D7
Connectors may be operated only when there is no load/voltage.
For solid conductors or stranded conductors with ferrules
Connection method Push-in connection
Number of connections per position 1

Degree of pollution 3
Overvoltage category III
Number of positions 3+PE
Insertion/withdrawal cycles >= 500
Size D7
Contact numbering 1 - 3
Conductor cross section 0.14 mm² ... 1.5 mm² (with ferrule)
Connection cross section AWG 26 ... 16 (with ferrule)
Stripping length of the individual wire 10 mm
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Ambient conditions
Degree of protection (IP) IP20
Ambient temperature (operation) -40 °C ... 125 °C
Material data
Contact surface material Ag
Contact carrier material PC
Standards/regulations PC: Fire protection in rail vehicles - requirement sets R22, R23, and R24 acc. to DIN EN 45545-2 (Risk level HL1 - HL3)
Electrical characteristics
Rated voltage for power contacts 230/400 V
Rated voltage (III/3) 230 V (Conductor-PE)
400 V (Conductor-Conductor)
Rated surge voltage 4 kV
Rated current 10 A
Standards and Regulations
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlim...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-A03-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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