

INDUSTRIAL COMPONENT DATA

HC-A03-I-PT-F 1585265 PHOENIX CONTACT Contact insert

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-A03-I-PT-F
Catalog number	1585265
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-6A463BCC45
Generated	2026-08-05

Product Overview

Contact insert

Contact insert, number of poles: 3+PE, size: D7, number of connections per pole: 1, Female, 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 1585265

Packing unit 1 pc

Catalog page Page 501 (C-2-2017)

GTIN 4046356284998

Weight per Piece (excluding packing) 12.780 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-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.