

INDUSTRIAL COMPONENT DATA

PC 6/ 5-ST-10,16 1913536 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6/ 5-ST-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6/ 5-ST-10,16
Catalog number	1913536
Category	Cable connector
Minimum order	25 Pcs
Document ID	EO-DD34A2DA80
Generated	2026-08-01

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 6 mm², color: green, nominal current: 41 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Female, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, family of items: PC 6/.. -ST, pitch: 10.16 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor connection direction/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON PC 16, locking: without, fixing type: without, packaging type: boxed

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 > PCB Connectors (PCC)
--------------	--

Additional Product Information

Key Commercial Data

Orderkey 1913536

Packing unit 50 pc

Catalog page Page 550 (C-1-2013)

GTIN 4017918179014

Weight per Piece (excluding packing) 40.400 g

Custom tariff number 85366990

Country of origin PL (Poland)

Dimensions

Length [l] 39 mm

Width [w] 49.84 mm

Height [h] 27.55 mm

Pitch 10.16 mm

Dimension a 40.64 mm

General

Range of articles PC 6/..-ST

Number of positions 5

Connection method Screw connection with tension sleeve

Insulating material group I

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 1000 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 41 A

Nominal cross section 6 mm²

Maximum load current 41 A

Insulating material PA

Flammability rating according to UL 94 V0

Internal cylindrical gage A5

Stripping length 12 mm

Screw thread M4

Tightening torque, min 1.2 Nm

Tightening torque max 1.5 Nm

Connection data

Conductor cross section solid min. 0.75 mm²

Conductor cross section solid max. 10 mm²

Conductor cross section flexible min. 0.75 mm²

Conductor cross section flexible max. 6 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 6 mm²

Conductor cross section A...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6/ 5-ST-10,16 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.