

INDUSTRIAL COMPONENT DATA

PC 6/ 5-STF-10,16 BD:-L1SO 1715039 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6/ 5-STF-10,16 BD:-L1SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6/ 5-STF-10,16 BD:-L1SO
Catalog number	1715039
Category	Cable connector
Minimum order	25 Pcs
Document ID	EO-765B829CAA
Generated	2026-08-05

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/.. -STF, pitch: 10.16 mm, connection type: Screw connection with traction capsule, conductor connection direction/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON PC 16, locking: Screw locking, fixing type: Air clamping (screw), 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 1715039

Packing unit 1

GTIN 4055626401225

Custom tariff number 85366990

Dimensions

Length [l] 39 mm

Width [w] 68.56 mm

Pitch 10.16 mm

Dimension a 40.64 mm

General

Range of articles PC 6/..-STF

Number of positions 5

Connection method Screw connection with tension sleeve

Insulating material group I

Rated voltage (III/2) 1000 V

Nominal current IN 41 A

Nominal cross section 6 mm²

Flammability rating according to UL 94 V0

Screw thread M4

Standards and Regulations

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440309eCl@ss 8.027440309eCl@ss 9.027440309

ETIM 5.0EC002638ETIM 6.0EC002638

ETIM for 1715039 Connectors (EC002638)

Feature Name**Feature Value**

Type of connection (EF000064)

Other

Contact type (EF001587)

Bus

Number of poles (EF001391)

5

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

10.16 mm

Modular spacing connections (EF006827)

10.16 mm

Angle contact/conductor connection (EF007546)

Other

Rated current In (EF008250)

41 A

Rated voltage (EF000228)

1000 V

Rated surge voltage (EF002993)

6 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.75 mm²

Connectable conductor cross...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6/ 5-STF-10,16 BD:-L1SO 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.