

INDUSTRIAL COMPONENT DATA

TPC 16/ 5-STF-10,16 1715280 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: TPC 16/ 5-STF-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	TPC 16/ 5-STF-10,16
Catalog number	1715280
Category	Cable connector
Minimum order	20 Pcs
Document ID	EO-DE1D9A27E3
Generated	2026-08-01

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 16 mm², color: green, nominal current: 76 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: 10, family of articles: TPC 16/..-STF, pitch: 10.16 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor/printed circuit board connection direction: 50 °, clamping hook: - without clamping hook, plug-in system: COMBICON PC 16, locking: Screw lock, fixing type: Air clamping (screw), packaging type: Boxed Packaging

PCB connector, nominal cross section: 16 mm², color: green, nominal current: 76 A, rated voltage (III/2): 1000 V, contact surface: Ag, contact connection type: Socket, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 10, product range: TPC 16/..-STF, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 50 °, locking clip: - without locking clip, plug-in system: COMBICON PC 16, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard

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

Technical dataProduct propertiesProduct type PCB connector

Product family TPC 16/..-STF

Product line COMBICON Connectors XL

Type Standard

Number of positions 5

Pitch 10.16 mm

Number of connections 10

Number of rows 1

Number of potentials 5

Mounting flange Screw flange

Data management status

Article revision 01

Electrical propertiesNominal current I_N 76 A

Nominal voltage U_N 1000 V

Rated voltage (III/3) 1000 V

Rated surge voltage (III/3) 8 kV

Rated voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

Rated voltage (II/2) 1000 V

Rated surge voltage (II/2) 6 kV

Connection dataConnection technology

Type Standard

Connector system COMBICON PC 16

Nominal cross section 16 mm²

Contact connection type Socket

Interlock

Locking type Screw locking mechanism

Mounting flange Screw flange

Tightening torque 0.3 Nm ... 0.7 Nm

Conductor connection

Connection method Screw connection with tension sleeve

Conductor/PCB connection direction 50 °

Conductor cross section rigid 0.75 mm² ... 16 mm²

Conductor cross section flexible 0.75 mm² ... 16 mm²

Conductor cross section AWG 18 ... 6

Conductor cross section flexible, with ferrule without plastic sleeve 0.5 mm² ... 16 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.5 mm² ... 16 mm² (Only in connection with CRIMPFOX 16 S)

2 conductors with same cross section, solid 0.75 mm² ... 6 mm²

2 conductors with same cross section, flexible 0.75 mm² ... 6 mm²

2 conductors with same cross section, flexible, with ferrule without plasti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TPC 16/ 5-STF-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.