

INDUSTRIAL COMPONENT DATA

TPC 16/ 7-STF-10,16 1715303 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: TPC 16/ 7-STF-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	TPC 16/ 7-STF-10,16
Catalog number	1715303
Category	Cable connector
Minimum order	20 Pcs
Document ID	EO-40F33CBABA
Generated	2026-07-29

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: 7, number of rows: 1, number of poles: 7, number of connections: 14, 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

Conductive plate connector, nominal cross-section: 16 mm², colour: green, nominal current: 76 A, reference voltage (III/2): 1000 V, contact area: Ag, contact type: Female connector, number of potentials: 7, number of rows: 1, number of poles: 7, number of connections: 14, item range: TPC 16/.. -STF, pitch: 10.16 mm, connection type: Screw connection with ring, screw driving surface: L Longitudinal slot, conductor/PCB plugging direction: 50 °, locking clip: - without locking clip, plug-in system: COMBICON PC 16, locking: Screw locking, fastening type: Screw flange, packaging type: packed in carton

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 1715303

Packing unit 20 pc

Minimum order quantity 20 pc

Note Made to Order (non-returnable)

Catalog page Page 557 (C-1-2013)

GTIN 4046356103398

Weight per Piece (excluding packing) 171.940 g

Custom tariff number 85366990

Country of origin BG (Bulgaria)

Dimensions

Length [l] 51.4 mm

Width [w] 88.88 mm

Height [h] 54.9 mm

Pitch 10.16 mm

Dimension a 60.96 mm

General

Range of articles TPC 16/...-STF

Number of positions 7

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 76 A

Nominal cross section 16 mm²

Maximum load current 76 A

Insulating material PA

Flammability rating according to UL 94 V0

Internal cylindrical gage A6

Stripping length 18 mm

Screw thread M4

Tightening torque, min 1.7 Nm

Tightening torque max 1.8 Nm

Connection data

Conductor cross section solid min. 0.75 mm²

Conductor cross section solid max. 16 mm²

Conductor cross section flexible min. 0.75 mm²

Conductor cross section flexible max. 16 mm²

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

Conductor cross section flexible, with ferrule without plastic sleeve max. 16 mm² Only in connection with CRIMPFOX 16 S

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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TPC 16/ 7-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.