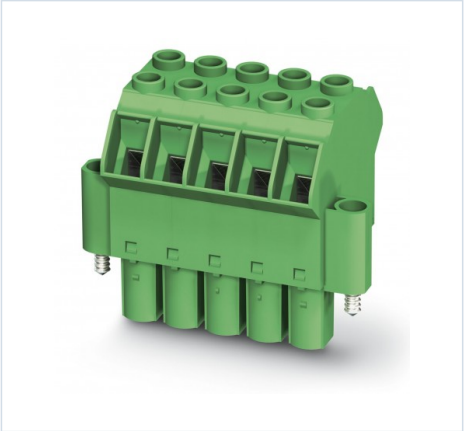
INDUSTRIAL COMPONENT DATA

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-8A4111C953
Generated	2026-11-19

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

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