

## INDUSTRIAL COMPONENT DATA

# TPC 16/10-ST-10,16 1756278 PHOENIX CONTACT

## Printed-circuit board connector

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



|                 |                    |
|-----------------|--------------------|
| Manufacturer    | PHOENIX CONTACT    |
| MPN / Reference | TPC 16/10-ST-10,16 |
| Catalog number  | 1756278            |
| Category        | Cable connector    |
| Minimum order   | 10 Pcs             |
| Document ID     | EO-3F83B24A1D      |
| Generated       | 2026-08-05         |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 16 mm<sup>2</sup>, color: green, nominal current: 76 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Female, number of potentials: 10, number of rows: 1, number of poles: 10, number of connections: 20, article family: TPC 16/.. -ST, pitch: 10.16 mm, connection type: Screw connection with traction capsule, conductor connection direction/printed circuit board: 50 °, 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 1756278

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

GTIN 4046356336840

Weight per Piece (excluding packing) 260.200 g

Custom tariff number 85366990

Country of origin IN (India)

Dimensions

Length [ l ] 51.4 mm

Width [ w ] 101.44 mm

Height [ h ] 54.9 mm

Pitch 10.16 mm

Dimension a 91.44 mm

General

Range of articles TPC 16/..-ST

Number of positions 10

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 I<sub>N</sub> 76 A

Nominal cross section 16 mm<sup>2</sup>

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 mm<sup>2</sup>

Conductor cross section solid max. 16 mm<sup>2</sup>

Conductor cross section flexible min. 0.75 mm<sup>2</sup>

Conductor cross section flexible max. 16 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 16 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sle...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TPC 16/10-ST-10,16 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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