INDUSTRIAL COMPONENT DATA

# PC 16/ 2-ST-10,16BKT20LBDWH1,2 1016985 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 16/ 2-ST-10,16BKT20LBDWH1,2**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PC 16/ 2-ST-10,16BKT20LBDWH1,2 |
| Catalog number | 1016985 |
| Category | Cable connector |
| Minimum order | 50 Pcs |
| Document ID | EO-3D178AF77A |
| Generated | 2026-11-18 |

## Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 16 mm², color: black, nominal current: 76 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: PC 16/.. -ST, pitch: 10.16 mm, connection type: Screw connection with traction capsule, screw clamping form: T20L Torx® with longitudinal groove, conductor connection direction/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON PC 16, locking: without, fixing type: without, packaging type: packed in box

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Key Commercial Data
Orderkey 1016985
Packing unit 1
GTIN 4055626499338
Custom tariff number 85366990
Dimensions
Length [ l ] 41.5 mm
Width [ w ] 20.16 mm
Height [ h ] 27.8 mm

Pitch 10.16 mm
Dimension a 10.16 mm
General
Range of articles PC 16/..-ST
Number of positions 2
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
Flammability rating according to UL 94 V0
Internal cylindrical gage A6
Stripping length 12 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. 0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 10 mm² Only in connection with CRIMPFOX 16 S
Conductor cross section AWG min. 18
Conductor cross section AWG max. 6
2 conduc...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 16/ 2-ST-10,16BKT20LBDWH1,2 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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