INDUSTRIAL COMPONENT DATA

PC 6/ 8-STF-10,16 1913633 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6/ 8-STF-10,16



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6/ 8-STF-10,16
Catalog number	1913633
Category	Cable connector
Minimum order	25 Pcs
Document ID	EO-1F9DE960CC
Generated	2026-11-18

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 6 mm², color: green, nominal current: 41 A, nominal voltage (III/2): 1000 V, contact surface: silver, contact type: Female, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, family of items: PC 6/.. -STF, pitch: 10.16 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal groove, connection direction conductor/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON PC 16, locking: Screw locking, fixing type: Air clamping (screw), packaging type: Boxed Packaging
PCB connector, nominal cross-section: 6 mm2, colour: green, rated current: 41 A, dimensioning voltage (III/2): 1000 V, contact surface: Ag, contact connection type: Female, number of potentials: 8, number of rows: 1, number of poles: 8, number of connections: 8, product series: PC 6/.. -STF, pitch: 10.16 mm, connection type: Screw connection with cage, screw attachment form: L Longitudinal slot, conductor/board connection direction: 0 °, locking hook: - without locking hook, plug system: COMBICON PC 16, locking: Screw locking, fixing 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 1913633
Packing unit 50 pc
Note Made to Order (non-returnable)

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GTIN 4017918179113
Weight per Piece (excluding packing) 69.770 g
Custom tariff number 85366990
Country of origin PL (Poland)
Dimensions
Length [l] 39 mm
Width [w] 99.04 mm
Height [h] 27.55 mm
Pitch 10.16 mm
Dimension a 71.12 mm
General
Range of articles PC 6/..-STF
Number of positions 8
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 41 A
Nominal cross section 6 mm²
Maximum load current 41 A
Insulating material PA
Flammability rating according to UL 94 V0
Internal cylindrical gage A5
Stripping length 12 mm
Screw thread M4
Tightening torque, min 1.2 Nm
Tightening torque max 1.5 Nm
Connection data
Conductor cross section solid min. 0.75 mm²
Conductor cross section solid max. 10 mm²
Conductor cross section flexible min. 0.75 mm²
Conductor cross section flexible max. 6 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6/ 8-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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