INDUSTRIAL COMPONENT DATA

PC 6/ 4-ST-10,16 BD:U-PE SO 1708070 PHOENIX CONTACT Plug-in part, rated current: 41 A, number of poles: 4, p..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 6/ 4-ST-10,16 BD:U-PE SO

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 6/ 4-ST-10,16 BD:U-PE SO
Catalog number	1708070
Category	Cable connector
Minimum order	25 Pcs
Document ID	EO-F257A7A2D9
Generated	2026-11-19

Product Overview

Plug-in part, rated current: 41 A, number of poles: 4, pitch: 10.16 mm, connection type: Screw connection with traction capsule, color: green, contact surface: silver
Connector for printed circuit board, nominal section: 6 mm², color: green, nominal current: 41 A, dimensioning voltage (III/2): 1000 V, contact surface: silver, contact type: Female connection, Number of potentials: 4, Number of rows: 1, Number of poles per row: 4, number of connections: 4, family of articles: PC 6/.. -ST, pitch: 10.16 mm, connection type: Screw connection with traction capsule, conductor connection direction/printed circuit board: 0 °, Stecksystem: POWER COMBICON 16, Lock: 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

Plug component, nominal current: 41 A, number of positions: 4, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver
Your advantages
Well-known connection principle allows worldwide useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsIntegrated double steel spring provides additional safety in the event of temperature and power fluctuationsIntegrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeveKey Commercial Data
Orderkey 1708070
Packing unit 1

GTIN 4046356966023
Custom tariff number 85366990
General
Range of articles PC 6/..-ST
Type of contact Female connector
Number of positions 4
Connection method Screw connection with tension sleeve
Rated voltage (III/3) 1000 V
Connection in acc. with standard EN-VDE
Nominal current IN 41 A
Nominal cross section 6 mm²
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 max. 6 mm²
Conductor cross section AWG min. 18
Conductor cross section AWG max. 8
2....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 6/ 4-ST-10,16 BD:U-PE SO 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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