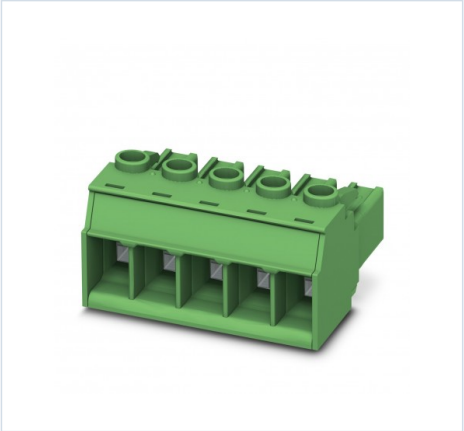
INDUSTRIAL COMPONENT DATA

PC 5/ 6-ST1-7,62 BD:1-6 1710891 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 6-ST1-7,62 BD:1-6



Manufacturer	PHOENIX CONTACT
MPN / Reference	PC 5/ 6-ST1-7,62 BD:1-6
Catalog number	1710891
Category	Cable connector
Minimum order	1000 Pcs
Document ID	EO-6D21A352AF
Generated	2026-11-19

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: Tin, contact connection type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: PC 5/.. -ST1, pitch: 7.62 mm, connection type: Screw connection with traction capsule, screw clamping form: H1L Philipps-Recess with longitudinal groove, conductor connection direction/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON PC 5, locking: without, fixing type: without, packaging type: boxed
PCB connector, nominal cross section: 6 mm2, color: green, nominal current: 41 A, rated voltage (III/2): 1000 V, contact surface: Sn, contact connection type: Socket, number of potentials: 6, number of rows: 1, number of positions: 6, number of connections: 6, product range: PC 5/.. -ST1, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, screw head form: H1L Slotted Phillips recess, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON PC 5, locking: without, mounting: without, type of packaging: packed in cardboard

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 1710891
Packing unit 1
GTIN 4055626196152

Custom tariff number 85366990
Dimensions
Length [l] 35.25 mm
Width [w] 45.67 mm
Height [h] 19.7 mm
Pitch 7.62 mm
Dimension a 38.1 mm
General
Range of articles PC 5/..-ST1
Number of positions 6
Connection method Screw connection with tension sleeve
Insulating material group I
Rated voltage (III/2) 1000 V
Nominal current IN 41 A
Nominal cross section 6 mm²
Flammability rating according to UL 94 V0
Screw thread M3
Tightening torque, min 0.5 Nm
Tightening torque max 0.8 Nm
Note Tightening torque <= 4 mm² is 0.5 Nm to 0.6 Nm,> 4 mm² is 0.7 Nm to 0.8 Nm
Standards and Regulations
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”
Classifications
eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440309eCl@ss 8.027440309eCl@ss 9.027440309
ETIM 5.0EC002638ETIM 6.0EC002638
UNSPSC 13.239121409

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 6-ST1-7,62 BD:1-6 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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