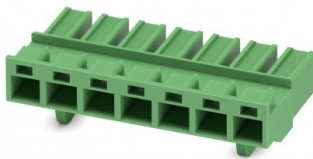


INDUSTRIAL COMPONENT DATA

PCC 4/ 7-ST-7,62 1840146 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PCC 4/ 7-ST-7,62



Manufacturer	PHOENIX CONTACT
MPN / Reference	PCC 4/ 7-ST-7,62
Catalog number	1840146
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-425D494334
Generated	2026-08-01

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 4 mm², color: green, nominal current: 20 A, nominal voltage (III/2): 1000 V, contact type: Female, number of potentials: 7, number of rows: 1, number of poles: 7, number of connections: 7, family of articles: PCC 4/.. -ST, pitch: 7.62 mm, connection type: Crimped connection, conductor/printed circuit board connection direction: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON PC 4, locking: without, fixing type: without, packaging type: boxed, corresponding crimped female contacts, with indications regarding the current [A] and the range of conductor sections [mm²]: 13.5A/STG-MTN 0.5-1.0 (3190438); 13.5A/STG-MTN 0.5-1.0 BA (3190629); 20A/STG-MTN 1.5-2.5 (3190506); 20A/STG-MTN 1.5-2.5 BA (3190632). BA = Contacts on Ribbon

PCB connector, nominal cross-section: 4 mm², color: green, rated current: 20 A, rated voltage (III/2): 1000 V, contact type: socket, number of potentials: 7, number of rows: 1, number of poles: 7, number of terminals: 7, article family: PCC 4/.. -ST, pitch: 7.62 mm, connection type: crimp connection, connection direction conductor/board: 0 °, locking hook: - locking hook, plug-in system: COMBICON PC 4, locking: without, mounting type: without, packaging type: packed in a box, associated crimp socket contacts with information on current [A] and conductor cross-sec...

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 1840146

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 514 (C-1-2013)

GTIN 4017918102227

Weight per Piece (excluding packing) 6.620 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 28.7 mm

Width [w] 53.29 mm

Height [h] 17.2 mm

Pitch 7.62 mm

Dimension a 45.72 mm

General

Range of articles PCC 4/...-ST

Number of positions 7

Connection method Crimp connection

Insulating material group I

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 8 kV

Rated voltage (III/3) 400 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 20 A

Nominal cross section 4 mm²

Maximum load current 20 A

Insulating material PA

Flammability rating according to UL 94 V0

Connection data

Conductor cross section flexible min. 0.5 mm²

Conductor cross section flexible max. 2.5 mm²

Conductor cross section AWG min. 20

Conductor cross section AWG max. 14

Minimum AWG according to UL/CUL 20

Maximum AWG according to UL/CUL 14

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

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7.027440309eCl@ss 8.027440309eCl@ss....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PCC 4/ 7-ST-7,62 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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