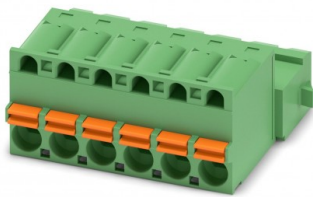


INDUSTRIAL COMPONENT DATA

FKIC 2,5/ 6-ST-RN 1946943 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKIC 2,5/ 6-ST-RN



Manufacturer	PHOENIX CONTACT
MPN / Reference	FKIC 2,5/ 6-ST-RN
Catalog number	1946943
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-64CF7BEC97
Generated	2026-08-05

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: FKIC 2.5/.. -ST-RN, pitch: 5 mm, connection type: Push-in spring connection, conductor connection direction/printed circuit board: 0°, clamping hook: - without clamping hook, plug-in system: COMBICON MSTB 2.5, locking: Snap lock, fixing type: Lace protrusion, packaging type: boxed packed, Item with lace protrusion

Conductive plate connector, nominal cross-section: 2.5 mm², colour: green, nominal current: 12 A, reference voltage (III/2): 320 V, contact surface: Sn, contact type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, item range: FKIC 2.5/.. -ST-RN, pitch: 5 mm, connection type: Push-in spring connection, conductor/PCB plugging direction: 0°, locking clip: - without locking clip, plug-in system: COMBICON MSTB 2.5, locking: Snap-on locking, fastening type: Catch catch, packaging type: packed in a carton, Item with catch

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 1946943

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4017918891596

Weight per Piece (excluding packing) 9.320 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 26.5 mm

Width [w] 32 mm

Height [h] 15 mm

Pitch 5 mm

Dimension a 25 mm

General

Range of articles FKIC 2,5/...-ST-RN

Number of positions 6

Connection method Push-in spring connection

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current I_N 12 A

Nominal cross section 2.5 mm²

Maximum load current 12 A

Insulating material PA

Flammability rating according to UL 94 V0

Internal cylindrical gage A2

Stripping length 10 mm

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 2.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 2.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 16

2 conductors with same cross section, str...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKIC 2,5/ 6-ST-RN 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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