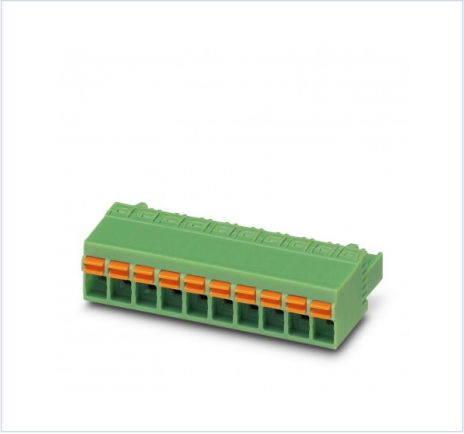
INDUSTRIAL COMPONENT DATA

FKCN 2,5/ 3-ST-5,08 BD:10-12 1716449 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKCN 2,5/ 3-ST-5,08 BD:10-12



Manufacturer	PHOENIX CONTACT
MPN / Reference	FKCN 2,5/ 3-ST-5,08 BD:10-12
Catalog number	1716449
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-88FE9A1D6B
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 2.5 mm², color: green, nominal current: 12 A, dimensioning voltage (III/2): 320 V, contact surface: Tin, contact type: Female connection, Number of potentials: 3, Number of rows: 1, Number of poles per row: 3, number of connections: 3, family of articles: FKCN 2.5/.. -ST, pitch: 5.08 mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0 °, Stecksystem: CLASSIC COMBICON, Locking: without, packaging type: boxed
PCB connector, nominal cross section: 2.5 mm2, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Socket, number of potentials: 3, number of rows: 1, number of positions: 3, number of connections: 3, product range: FKCN 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, 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

Technical dataProduct propertiesProduct type PCB connector
Product family FKCN 2,5/..-ST
Product line COMBICON Connectors M
Number of positions 3
Pitch 5.08 mm

Number of connections 3
Number of rows 1
Number of potentials 3
Data management status
Article revision 00
Electrical propertiesNominal current IN 12 A
Nominal voltage UN 320 V
Contact resistance 1.2 m?
Rated voltage (III/3) 320 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 320 V
Rated surge voltage (III/2) 4 kV
Rated voltage (II/2) 630 V
Rated surge voltage (II/2) 4 kV
Connection dataConnection technology
Type Standard
Connector system COMBICON MSTB 2,5
Nominal cross section 2.5 mm²
Contact connection type Socket
Interlock
Locking type without
Mounting flange without
Conductor connection
Connection method Push-in spring connection
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.2 mm² ... 1.5 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 1.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 1.5 mm²
Cylindrical gauge a x b / diameter 2.8 mm x 2.0 mm / 2.0 mm
Stripping length 10 mm
Specifications for ferrules without insulating collar
recommended crimping tool 1212034 CRIMPFOX 6
Specifications for ferrules with insulating collar
recommended crimping tool 1212034 CRIMPFOX 6
Material specificationsMaterial data - contact
No...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKCN 2,5/ 3-ST-5,08 BD:10-12 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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