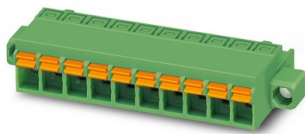


## INDUSTRIAL COMPONENT DATA

# FKCN 2,5/ 7-STF-5,08 1754843 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKCN 2,5/ 7-STF-5,08



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | PHOENIX CONTACT      |
| MPN / Reference | FKCN 2,5/ 7-STF-5,08 |
| Catalog number  | 1754843              |
| Category        | Cable connector      |
| Minimum order   | 50 Pcs               |
| Document ID     | EO-F3A78BEFB6        |
| Generated       | 2026-08-03           |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 7, number of rows: 1, number of poles: 7, number of connections: 7, family of articles: FKCN 2,5/..-STF, pitch: 5.08 mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: Screw locking, fixing type: Air clamping (screw), packaging type: boxed

PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: FKCN 2,5/..-STF, 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: Screw locking mechanism, mounting: Screw flange, 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/..-STF

Product line COMBICON Connectors M

Type Standard

Number of positions 7

Pitch 5.08 mm  
Number of connections 7  
Number of rows 1  
Number of potentials 7  
Mounting flange Screw flange  
Data management status  
Article revision 02  
Electrical propertiesNominal current IN 12 A  
Nominal voltage UN 320 V  
Contact resistance 1.1 m $\Omega$   
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 mm<sup>2</sup>  
Contact connection type Socket  
Interlock  
Locking type Screw locking mechanism  
Mounting flange Screw flange  
Tightening torque 0.3 Nm  
Conductor connection  
Connection method Push-in spring connection  
Conductor/PCB connection direction 0 °  
Conductor cross section rigid 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section AWG 24 ... 16  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
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  
reco...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKCN 2,5/ 7-STF-5,08 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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