

## INDUSTRIAL COMPONENT DATA

# FKC 2,5/ 3-ST-5,08 BK BDWH:C7 1845739 PHOENIX CONTACT PCB connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKC 2,5/ 3-ST-5,08 BK BDWH:C7



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | FKC 2,5/ 3-ST-5,08 BK BDWH:C7 |
| Catalog number  | 1845739                       |
| Category        | Cable connector               |
| Minimum order   | 50 Pcs                        |
| Document ID     | EO-FD83DC5BA0                 |
| Generated       | 2026-08-05                    |

## Product Overview

PCB connector

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: FKC 2.5/.. -ST, pitch: 5.08 mm, connection type: Push-in spring connection, conductor connection/printed circuit board connection direction: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without, packaging type: boxed

## 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 &gt; PCB Connectors (PCC)

## Additional Product Information

Key Commercial Data

Orderkey 1845739

Packing unit 1

GTIN 4046356990899

Custom tariff number 85366990

Dimensions

Length [ l ] 25.73 mm

Width [ w ] 15.86 mm

Height [ h ] 15 mm

Pitch 5.08 mm

Dimension a 10.16 mm

General

Range of articles FKC 2,5/...-ST

Number of positions 3

Connection method Push-in spring connection

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) 320 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 mm<sup>2</sup>

Internal cylindrical gage A2

Stripping length 10 mm

Connection data

Conductor cross section solid min. 0.2 mm<sup>2</sup>

Conductor cross section solid max. 2.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm<sup>2</sup>

Standards and Regulations

Connection in acc. with standard EN-VDE

Envir...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKC 2,5/ 3-ST-5,08 BK BDWH:C7 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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