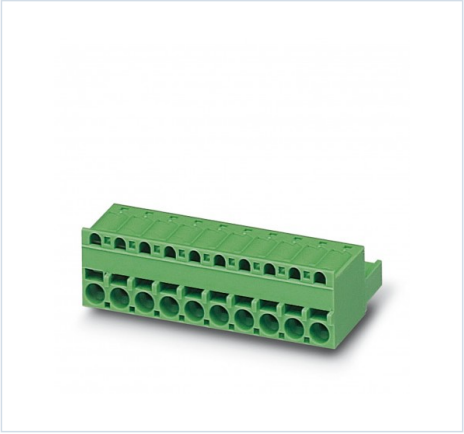
INDUSTRIAL COMPONENT DATA

FKCS 2,5/ 6-ST-5,08BKAU2BDWH-6 1703129 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKCS 2,5/ 6-ST-5,08BKAU2BDWH-6



Manufacturer	PHOENIX CONTACT
MPN / Reference	FKCS 2,5/ 6-ST-5,08BKAU2BDWH-6
Catalog number	1703129
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-B6A4578D50
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 2.5 mm², color: black, nominal current: 12 A, dimensioning voltage (III/2): 320 V, contact surface: Gold, contact type: Female connection, number of potentials: 6, number of definitions: 1, number of poles: 6, number of connections: 6, family of articles: FKCS 2.5/.. -ST, pitch: 5.08 mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0 °, Clamping hook: - Clamping hook, plug-in system: CLASSIC COMBICON, Locking: without, fixing type: without, packaging type: packed in box
Printed circuit board connector, nominal section: 2.5 mm2, color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Au, contact connection type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, article family: FKCS 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 > PCB Connectors (PCC)

Additional Product Information

Key Commercial Data
Orderkey 1703129
Packing unit 1
GTIN 4046356639279
Custom tariff number 85366990

Dimensions
Length [l] 25.23 mm
Width [w] 31.1 mm
Height [h] 15 mm
Pitch 5.08 mm
Dimension a 25.4 mm
General
Range of articles FKCS 2,5/..-ST
Number of positions 6
Connection method Push-in spring connection
Rated voltage (III/3) 320 V
Connection in acc. with standard EN-VDE
Nominal current IN 12 A
Nominal cross section 2.5 mm²
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. 12
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1 mm²
Standards and Regulations
Connection in acc. with standard EN-VDE
CUL
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKCS 2,5/ 6-ST-5,08BKAU2BDWH-6 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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