

INDUSTRIAL COMPONENT DATA

FKC 2,5/ 4-ST-5,08 BKBDWH:Y3 1009568 PHOENIX CONTACT PCB connector FKC 2,5/ 4-ST-5,08 BKBDWH:Y3 1009568

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKC 2,5/ 4-ST-5,08 BKBDWH:Y3



Manufacturer	PHOENIX CONTACT
MPN / Reference	FKC 2,5/ 4-ST-5,08 BKBDWH:Y3
Catalog number	1009568
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-AAD3944FE8
Generated	2026-08-06

Product Overview

PCB connector - FKC 2,5/ 4-ST-5,08 BKBDWH:Y3 - 1009568

Connector for printed circuit board, nominal section: 2.5 mm², colour: black, rated current: 12 A, sizing voltage (III/2): 320 V, surface contacts: Tin, contact type: Connecting female, Number of potentials: 4, Number of rows: 1, Number of poles per row: 4, number of connections: 4, article family: FKC 2.5/.. -ST, pitch: 5.08 mm, connection type: Push-in spring connection, conductor/printed circuit board connection address: 0°, Stecksystem: CLASSIC COMBICON, Lock: sin, packing type: boxed packaging

PCB connector, nominal cross-section: 2.5 mm², colour: black, rated current: 12 A, dimensioning voltage (III/2): 320 V, contact surface: tin, contact connection type: Female, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, product series: FKC 2.5/.. -ST, pitch: 5.08 mm, connection type: Push-in spring connection, conductor/board connection direction: 0 °, locking hook: - Locking hook, plug system: COMBICON MSTB 2.5, locking: none, fixing type: none, packaging type: packed in carton

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

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 4, pitch: 5.08 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

Key Commercial Data

Orderkey 1009568

Packing unit 1

GTIN 4055626482125

Custom tariff number 85366990

Dimensions

Length [l] 25.4 mm

Width [w] 20.94 mm

Height [h] 15 mm

Pitch 5.08 mm

Dimension a 15.24 mm

General

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

Number of positions 4

Connection method Push-in spring connection

Nominal cross section 2.5 mm²

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 5.1 27260700

eCl@ss 6.0 27260700

eCl@ss 7.0 27440309

eCl@ss 8.0 27440309

eCl@ss 9.0 27440309

ETIM

ETIM 5.0 EC002638

ETIM 6.0 EC002638

ETIM 7.0 EC002638

ETIM for 1009568 Connectors (EC002638)

Feature Name

Feature Value

Type of connection (EF000064)

Other

Contact type (EF001587)

Bus

Number of poles (EF001391)

4

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

5.08 mm

Modular spacing connections (EF006827)

5.08 mm

Angle contact/conductor connection (EF007546)

Other

Rated current I_n (EF008250)

12 A

Rated voltage (EF000228)

320 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.2 mm²

Connectable conductor cross sect...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKC 2,5/ 4-ST-5,08 BKBDWH:Y3 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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