

INDUSTRIAL COMPONENT DATA

FKC 2,5/ 8-ST BK 1800468 PHOENIX CONTACT Connector for printed circuit board, number of poles: 8, pitch: 5 m..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKC 2,5/ 8-ST BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	FKC 2,5/ 8-ST BK
Catalog number	1800468
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-23457ED1F3
Generated	2026-08-05

Product Overview

Connector for printed circuit board, number of poles: 8, pitch: 5 mm, color: black

Connector for printed circuit board, nominal section: 2.5 mm², color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 8, family of articles: FKC 2.5/.. -ST, pitch: 5mm, 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: without, fixing type: without, packaging type: boxed PCB connector, nominal cross-section: 2.5 mm², colour: black, rated current: 12 A, dimensioning voltage (III/2): 320 V, contact surface: Sn, contact connection type: Female, number of rows: 1, number of poles: 8, product series: FKC 2.5/.. -ST, pitch: 5 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

Technical dataArticle featuresProduct Type Printed circuit board connector

Product Family FKC 2.5/.. -ST

Product Line COMBICON Connectors M

Number of poles 8

Step 5 mm

Number of rows 1

Data maintenance status

Article review 01**Electrical characteristics**Rated Current IN 12 A

Rated voltage UN 320 V

Mass Resistivity 1 m?

Sizing voltage (III/3) 250 V

Sizing impulse voltage (III/3) 4 kV

Sizing voltage (III/2) 320 V

Sizing Impulse Voltage (III/2) 4 kV

Sizing voltage (II/2) 630 V

Sizing Impulse 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 female

Blockage

Clamping Type absent

Fixing flange absent

Conductor connection

Link Push-in spring connection

Conductor/board connection direction 0 °

Rigid conductor cross-section 0.2 mm² ... 2.5 mm²Flexible conductor cross-section 0.2 mm² ... 2.5 mm²

Conductor cross-section AWG 24 ... 12

Flexible conductor cross-section with cable lug without plastic collar 0.25 mm² ... 2.5 mm²Flexible conductor cross-section with mounted lug and plastic collar 0.25 mm² ... 2.5 mm²2 conductors of identical cross-section flexible with TWIN ferrule with plastic collar 0.5 mm² ... 1.5 mm²

Buffer Gauge a x b / diameter 2.8 mm x 2.0 mm / 2.0 mm

Length of the section to be stripped 10 mm

Indications for ferrules without isolation collar

Recommended crimping tool 1212034 CRIMPFOX 6

cable lug without insulating collar, in accordance with DIN 46228-1 Cros...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK 2,5/ 8-ST BK 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.