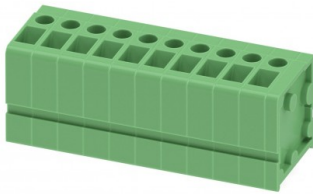


INDUSTRIAL COMPONENT DATA

FRONT 2,5-V/SA 5-EX-3 BK 1708689 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 2,5-V/SA 5-EX-3 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	FRONT 2,5-V/SA 5-EX-3 BK
Catalog number	1708689
Category	Printed circuit board terminal
Minimum order	10 Pcs
Document ID	EO-95631400E0
Generated	2026-09-23

Product Overview

PCB terminal block

Printed circuit board terminal block, rated current: 21 A, nominal cross-section: 2.5 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: FRONT 2.5-V-EX, pitch: 5 mm, connection type: Front screw connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 mm, number of solder pins per potential: 2, packaging type: boxed

Printed circuit board terminal, nominal current: 21 A, nominal cross section: 2.5 mm², number of potentials: 3, number of rows: 1, number of positions per row: 3, product range: FRONT 2,5-V-EX, pitch: 5 mm, connection method: Front screw connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 2, 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)
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Additional Product Information

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family FRONT 2,5-V-EX

Product line COMBICON Terminals M

Type PC terminal block can be aligned

Number of positions 3

Pitch 5 mm

Number of connections 3

Number of rows 1
Number of potentials 3
Pin layout Linear pinning
Solder pins per potential 2
Data management status
Article revision 03
Electrical propertiesNominal current IN 21 A
Nominal voltage UN 176 V
Rated current / conductor cross section 21 A/2.5 mm²
Ex dataEx approval
Identification 0344? II 2GD / Ex eb IIC Gb
EU-type examination certificate KEMA 00ATEX2053 U
IECEX certificate IECEX KEM 07.0023 U
Connection dataConnection technology
Type PC terminal block can be aligned
Nominal cross section 2.5 mm²
Conductor connection
Connection method Front screw connection
Conductor cross section rigid 0.2 mm² ... 2.5 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 14
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 1.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 1.5 mm²
2 conductors with same cross section, solid 0.2 mm² ... 0.75 mm²
2 conductors with same cross section, flexible 0.2 mm² ... 0.75 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.34 mm²
Stripping length 9 mm
Tightening torque 0.4 Nm ... 0.5 Nm
MountingMounting type Wave soldering
Pin layout Linear pinning
Mater...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 2,5-V/SA 5-EX-3 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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