

INDUSTRIAL COMPONENT DATA

FRONT 2,5-V/SA10-EX 1700309 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 2,5-V/SA10-EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	FRONT 2,5-V/SA10-EX
Catalog number	1700309
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-F584F0DE50
Generated	2026-09-29

Product Overview

PCB terminal block

Printed circuit board terminal block, rated current: 21 A, nominal cross-section: 2.5 mm², number of potentials: 1, number of rows: 1, number of poles per row: 1, 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: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 5 mm, number of solder pins per potential: 2, packaging type: boxed. The item can be aligned with different numbers of poles!

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 1700309

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 159 (C-1-2013)

GTIN 4017918022808

Weight per Piece (excluding packing) 3.420 g

Custom tariff number 85369010

Country of origin DE (Germany)

Item properties

Brief article description PCB terminal block

Range of articles FRONT 2,5-V-EX

Pitch 5 mm

Number of positions 1

Connection method Front screw connection

Drive form screw head Slotted

Screw thread M2,5

Mounting type Wave soldering

Pin layout Linear double pinning

Number of levels 1

Number of connections 1

Number of potentials 1

Connection capacity

Conductor cross section solid 0.2 mm² ... 2.5 mm²

Conductor cross section flexible 0.2 mm² ... 2.5 mm²

Conductor cross section AWG / kcmil 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, stranded, ferrules without plastic sleeve 0.25 mm² ... 0.34 mm²

Stripping length 9 mm

Torque 0.4 Nm ... 0.5 Nm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Tin-plated

Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)

Metal surface soldering area (top layer) Tin (4 -....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 2,5-V/SA10-EX 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.