

INDUSTRIAL COMPONENT DATA

FRONT 2,5-V/SA10/ 2 BD:24V SO 1705569 PHOENIX CONTACT

Terminal block for printed circuit board, nominal curr..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 2,5-V/SA10/ 2 BD:24V SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	FRONT 2,5-V/SA10/ 2 BD:24V SO
Catalog number	1705569
Category	Printed circuit board terminal
Minimum order	10 Pcs
Document ID	EO-CCA23573B0
Generated	2026-08-04

Product Overview

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage: 400 V, pitch: 5 mm, number of poles: 2, connection type: Front screw connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 90 °, color: green

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of potentials: 2, number of rows: 1, number of poles per row: 2, article family: FRONT 2.5-V/SA10, 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 welding pins per potential: 2, 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

PCB terminal block, nominal current: 24 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 2, connection method: Front screw connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green

Your advantages

Well-known connection principle allows worldwide useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsOperation and conductor connection from one direction enable integration into front of deviceTwo solder pins reduce the mechanical strain on the soldering spotsThe latching on the side enables various numbers of positions to be combinedKey Commercial Data

Orderkey 1705569

Packing unit 1

GTIN 4046356773492

Custom tariff number 85369010

General

Range of articles FRONT 2,5-V/SA10

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 24 A

Nominal cross section 2.5 mm²

Internal cylindrical gage A3

Stripping length 9 mm

Number of positions 2

Screw thread M2,5

Tightening torque, min 0.4 Nm

Tightening torque max 0.5 Nm

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 14

2 conductors with same cross section, solid min. 0.2 mm²

2 conductors with same cross section, solid max. 0.75 mm²

2 conductors with same cross section, stranded min. 0.2 mm²

2 conductors with same cross section, stranded max...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 2,5-V/SA10/ 2 BD:24V SO 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.