

INDUSTRIAL COMPONENT DATA

FRONT 2,5-V/SA10/ 9 BK 1809555 PHOENIX CONTACT PCB terminal block, nominal current: 24 A, nom. voltage: 400 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 2,5-V/SA10/ 9 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	FRONT 2,5-V/SA10/ 9 BK
Catalog number	1809555
Category	Printed circuit board terminal
Minimum order	10 Pcs
Document ID	EO-E823C2F96D
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Product Overview

PCB terminal block, nominal current: 24 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 9, connection method: Front screw connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: black

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: 9, number of rows: 1, number of poles per row: 9, 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: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 5 mm, number of welding pins per potential: 2, packaging type: boxed

PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm², pitch: 5 mm, number of positions: 9, connection method: Front screw connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: black, Pin layout: Linear double pinning, Solder pin [P]: 3.5 mm

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 1809555

Packing unit 1 pc

Minimum order quantity 10 pc

GTIN 4046356702324

Weight per Piece (excluding packing) 32.200 g

Custom tariff number 85369010

Country of origin DE (Germany)

Item properties

Connection capacity

Material data - housing

Dimensions for PCB design

Ambient conditions

Air clearances and creepage distances

Environmental Product Compliance

Electrical parameters

Material data - contact

Dimensions for the product

Packaging information

Electrical tests

Standards and Regulations

Classifications

Item properties

Brief article description PCB terminal block

Range of articles FRONT 2,5-V/SA10

Pitch 5 mm

Number of positions 9

Connection method Front screw connection

Screw thread M2,5

Mounting type Wave soldering

Pin layout Linear double pinning

Number of levels 1

Number of connections 9

Number of potentials 9

[Back to top](#)Electrical parameters

Nominal current 24 A

Nom. voltage 400 V

Rated voltage 250 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

[Back to top](#)Connection capacity

Connection method Front screw connection

pluggable Yes

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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 2,5-V/SA10/ 9 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

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