

**INDUSTRIAL COMPONENT DATA**

# FRONT 2,5-H/SA 5/ 4 1700781 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 2,5-H/SA 5/ 4



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | FRONT 2,5-H/SA 5/ 4            |
| Catalog number  | 1700781                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 20 Pcs                         |
| Document ID     | EO-7629046E20                  |
| Generated       | 2026-08-03                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm², number of potentials: 4, number of rows: 1, number of poles per row: 4, article family: FRONT 2.5-H/SA 5, pitch: 5 mm, connection type: Front screw connection, mounting: Wave soldering, Conductor/PCB connection direction: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 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 1700781

Packing unit 20 pc

Minimum order quantity 20 pc

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GTIN 4017918242763

Weight per Piece (excluding packing) 14.140 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [ l ] 19.5 mm

Pitch 5 mm

Dimension a 15 mm

Width [ w ] 22.5 mm

Height 18.5 mm

Height [ h ] 22.1 mm

Solder pin [P] 4.3 mm

Pin spacing 5 mm

Hole diameter 1.2 mm

#### General

Range of articles FRONT 2,5-H/SA 5

Insulating material group I

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 mm<sup>2</sup>

Maximum load current 17.5 A (with a 2.5 mm<sup>2</sup> conductor cross section)

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A3

Stripping length 9 mm

Number of positions 4

Screw thread M2,5

Tightening torque, min 0.4 Nm

Tightening torque max 0.5 Nm

#### Connection data

Conductor cross section solid min. 0.2 mm<sup>2</sup>

Conductor cross section solid max. 2.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve m...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 2,5-H/SA 5/ 4 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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