

INDUSTRIAL COMPONENT DATA

FRONT 2,5-V/SA 5/ 6 1700231 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 2,5-V/SA 5/ 6



Manufacturer	PHOENIX CONTACT
MPN / Reference	FRONT 2,5-V/SA 5/ 6
Catalog number	1700231
Category	Printed circuit board terminal
Minimum order	20 Pcs
Document ID	EO-5BFCD1EF89
Generated	2026-08-02

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: 6, number of rows: 1, number of poles per row: 6, article family: FRONT 2.5-V/SA 5, pitch: 5 mm, connection type: Front screw connection, mounting: Wave soldering, Connection direction conductor/printed circuit board: 90 °, 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 1700231

Packing unit 20 pc

Note Made to Order (non-returnable)

Catalog page Page 115 (C-1-2013)

GTIN 4017918257156

Weight per Piece (excluding packing) 20.720 g

Custom tariff number 85369010

Country of origin DE (Germany)

Dimensions

Length [l] 18.5 mm

Pitch 5 mm

Dimension a 25 mm

Width [w] 32.5 mm

Height 20 mm

Height [h] 31 mm

Solder pin [P] 3.5 mm

Pin spacing 5 mm

Hole diameter 1.2 mm

General

Range of articles FRONT 2,5-V/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 mm²

Maximum load current 17.5 A

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Internal cylindrical gage A3

Stripping length 9 mm

Number of positions 6

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 mm²

Conductor cross section solid max. 2.5 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 2.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 1.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²

Conductor cross section f...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 2,5-V/SA 5/ 6 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.