

**INDUSTRIAL COMPONENT DATA**

# FRONT 2,5-V/SA 5/16 BK 1004536 PHOENIX CONTACT

## Terminal for printed circuit board, rated voltage: 400 V, pit..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 2,5-V/SA 5/16 BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | FRONT 2,5-V/SA 5/16 BK         |
| Catalog number  | 1004536                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 20 Pcs                         |
| Document ID     | EO-EB33E1B649                  |
| Generated       | 2026-08-04                     |

### Product Overview

Terminal for printed circuit board, rated voltage: 400 V, pitch: 5 mm, number of poles: 16, type of connection: Connection by screw front, assembly: wave Soldering, color: black

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm<sup>2</sup>, number of potentials: 16, number of rows: 1, number of poles per row: 16, article family: FRONT 2.5-V/SA 5, 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]: 3.5 mm, number of solder 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 &gt; PCB Connectors (PCC)

### Additional Product Information

ETIM for 1004536 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

31 mm

Number of electrical connections (EF008252)

16

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

5 mm

Rated current  $I_n$  (EF008250)

24 A

Rated voltage (EF000228)

400 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Screw connection

Connectable conductor cross section solid-core (EF007337)

0.2 mm<sup>2</sup>

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)

0.25 mm<sup>2</sup>

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.2 mm<sup>2</sup>

Connectable conductor cross section multi-wired (EF007343)

0.2 mm<sup>2</sup>

Connection type PCB (EF006822)

Soldering connection

Material connection surface (EF006826)

Tin

Diameter connection pin (EF006823)

1.2 mm

Length pin (EF006825)

3.5 mm

Material insulation body (EF007543)

Other

Housing colour (EF000136)

Black

Inflammability class of insulation material according to UL94 (EF002521)

V0

Operating temperature (EF002393)

-40 °C

Type of PCB fastening (EF008226)

Connecting contact

Type of fastening (EF002442)

Solder

Type of banding (EF007011)

Carton (for SMD)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 2,5-V/SA 5/16 BK 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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