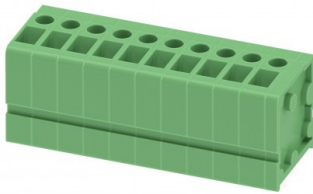


## INDUSTRIAL COMPONENT DATA

# FRONT 2,5-V/SA10-EX- 6 SO BK 1906475 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 2,5-V/SA10-EX-6 SO BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | FRONT 2,5-V/SA10-EX-6 SO BK    |
| Catalog number  | 1906475                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 10 Pcs                         |
| Document ID     | EO-48CCB9F055                  |
| Generated       | 2026-08-03                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 21 A, nominal cross-section: 2.5 mm<sup>2</sup>, number of potentials: 6, number of rows: 1, number of poles per row: 6, article family: FRONT 2.5-V-EX, 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 Printed circuit board terminal, nominal current: 21 A, nominal cross section: 2.5 mm<sup>2</sup>, number of potentials: 6, number of rows: 1, number of positions per row: 6, product range: FRONT 2,5-V-EX, pitch: 5 mm, connection method: Front screw connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 5 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard

## 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

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family FRONT 2,5-V-EX

Product line COMBICON Terminals M

Type PC terminal block can be aligned

Number of positions 6

Pitch 5 mm

Number of connections 6

Number of rows 1  
Number of potentials 6  
Pin layout Linear pinning  
Solder pins per potential 2  
Data management status  
Article revision 09  
Electrical propertiesNominal current IN 21 A  
Nominal voltage UN 176 V  
Rated current / conductor cross section 21 A/2.5 mm<sup>2</sup>  
Ex dataEx approval  
Identification 0344? II 2GD / Ex eb IIC Gb  
EU-type examination certificate KEMA 00ATEX2053 U  
IECEx certificate IECEx KEM 07.0023 U  
Connection dataConnection technology  
Type PC terminal block can be aligned  
Nominal cross section 2.5 mm<sup>2</sup>  
Conductor connection  
Connection method Front screw connection  
Conductor cross section rigid 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section AWG 24 ... 14  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
2 conductors with same cross section, solid 0.2 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
2 conductors with same cross section, flexible 0.2 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 0.34 mm<sup>2</sup>  
Stripping length 9 mm  
Tightening torque 0.4 Nm ... 0.5 Nm  
MountingMounting type Wave soldering  
Pin layout Linear pinning  
Mater...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 2,5-V/SA10-EX-6 SO 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 PI #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.