

## INDUSTRIAL COMPONENT DATA

# FRONT 4-V-7,62-10 6PA BD:1-10 1706780 PHOENIX CONTACT

## Terminal block for printed circuit board, rated curren..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 4-V-7,62-10 6PA BD:1-10



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | FRONT 4-V-7,62-10 6PA BD:1-10  |
| Catalog number  | 1706780                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 10 Pcs                         |
| Document ID     | EO-14F6909E5A                  |
| Generated       | 2026-08-04                     |

### Product Overview

Terminal block for printed circuit board, rated current: 32 A, rated voltage: 630 V, pitch: 7.62 mm, number of poles: 10, connection type: Front screw connection, mounting: Wave soldering, driver/printed circuit board connection direction: 90 °, color: green

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 630 V, nominal cross-section: 4 mm<sup>2</sup>, number of potentials: 6, number of rows: 1, number of poles per row: 10, article family: FRONT 4-V, pitch: 7.62 mm, connection type: Front screw connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: green, 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: 32 A, rated voltage (III/2): 630 V, nominal cross section: 4 mm<sup>2</sup>, number of potentials: 6, number of rows: 1, number of positions per row: 10, product range: FRONT 4-V, pitch: 7.62 mm, connection method: Front screw connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green, 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) |
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### Additional Product Information

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family FRONT 4-V

Product line COMBICON Terminals L

Type PC terminal block can be aligned

Number of positions 10  
Pitch 7.62 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 00  
Electrical propertiesNominal current IN 32 A  
Nominal voltage UN 630 V  
Rated voltage (III/3) 500 V  
Rated surge voltage (III/3) 6 kV  
Rated voltage (III/2) 630 V  
Rated surge voltage (III/2) 6 kV  
Rated voltage (II/2) 1000 V  
Rated surge voltage (II/2) 6 kV  
Connection dataConnection technology  
Type PC terminal block can be aligned  
Nominal cross section 4 mm<sup>2</sup>  
Conductor connection  
Connection method Front screw connection  
Conductor cross section rigid 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
Conductor cross section flexible 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
Conductor cross section AWG 20 ... 10  
Conductor cross section flexible, with ferrule without plastic sleeve 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
2 conductors with same cross section, solid 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
2 conductors with same cross section, flexible 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 1 mm<sup>2</sup>  
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm<sup>2</sup> ... 1 mm<sup>2</sup>  
Stripping length 14 mm  
Tightening torque 0.5 Nm ... 0.6 N...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 4-V-7,62-10 6PA BD:1-10 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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