

**INDUSTRIAL COMPONENT DATA**

# FRONT 4-H-7,62- 3 GY BD:NZ3111 1989434 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 4-H-7,62-3 GY BD:NZ3111



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | FRONT 4-H-7,62-3 GY BD:NZ3111  |
| Catalog number  | 1989434                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-8E1BC04D3A                  |
| Generated       | 2026-09-29                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 630 V, nominal cross-section: 4 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: FRONT 4-H, pitch: 7.62 mm, connection type: Front screw connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0°, color: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 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 > PCB Connectors (PCC) |
|--------------|----------------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 1989434

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4017918944261

Weight per Piece (excluding packing) 27.530 g

Custom tariff number 85369010

Country of origin BG (Bulgaria)

Item properties

Brief article description PCB terminal block

Range of articles FRONT 4-H

Pitch 7.62 mm

Number of positions 3

Connection method Front screw connection

Screw thread M3

Mounting type Wave soldering

Pin layout Linear double pinning

Number of levels 1

Number of connections 3

Number of potentials 3

Electrical parameters

Rated current 32 A

Rated insulation voltage (III/2) 630 V

Rated surge voltage (III/2) 6 kV

Connection capacity

Conductor cross section solid 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 / kcmil 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> ... 2.5 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, stranded, ferrules without plastic sleeve 0.25 mm<sup>2</sup> ... 1 mm<sup>2</sup>

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm<sup>2</sup> ... 1 mm<sup>2</sup>

Stripping length 14 mm

Torque 0.5 Nm ... 0.6 Nm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JE...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 4-H-7,62-3 GY BD:NZ3111 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

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