

## INDUSTRIAL COMPONENT DATA

# FRONT 4-H-6,35-5 1704693 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 4-H-6,35-5



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | FRONT 4-H-6,35-5               |
| Catalog number  | 1704693                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 10 Pcs                         |
| Document ID     | EO-B015C98457                  |
| Generated       | 2026-08-02                     |

## Product Overview

### PCB terminal block

Terminal block for printed circuit board, nominal current: 32 A, nominal voltage (III/2): 320 V, nominal cross-section: 4 mm<sup>2</sup>, number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: FRONT 4-H, pitch: 6.35 mm, connection type: Front screw connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0°, color: green, 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 1704693

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

GTIN 4017918242022

Weight per Piece (excluding packing) 41.150 g

Custom tariff number 85369010

Country of origin BG (Bulgaria)

Dimensions

Length [ l ] 26 mm

Pitch 6.35 mm

Dimension a 25.4 mm

Width [ w ] 33.25 mm

Height 26 mm

Height [ h ] 33 mm

Solder pin [P] 5 mm

Hole diameter 1.3 mm

#### General

Range of articles FRONT 4-H

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) 320 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 32 A

Nominal cross section 4 mm<sup>2</sup>

Maximum load current 41 A (with 6 mm<sup>2</sup> conductor cross section)

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 14 mm

Number of positions 5

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

#### Connection data

Conductor cross section solid min. 0.5 mm<sup>2</sup>

Conductor cross section solid max. 6 mm<sup>2</sup>

Conductor cross section flexible min. 0.5 mm<sup>2</sup>

Conductor cross section flexible max. 6 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 4 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor cross section AW...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 4-H-6,35-5 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

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.