

INDUSTRIAL COMPONENT DATA

FRONT 4-H-6,35-7 1890468 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: FRONT 4-H-6,35-7



Manufacturer	PHOENIX CONTACT
MPN / Reference	FRONT 4-H-6,35-7
Catalog number	1890468
Category	Printed circuit board terminal
Minimum order	10 Pcs
Document ID	EO-8A2851AA1C
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 mm², number of potentials: 7, number of rows: 1, number of poles per row: 7, 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 1890468

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

GTIN 4017918396787

Weight per Piece (excluding packing) 57.190 g

Custom tariff number 85369010

Country of origin BG (Bulgaria)

Dimensions

Length [l] 26 mm

Pitch 6.35 mm

Dimension a 38.1 mm

Width [w] 45.95 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 IN 32 A

Nominal cross section 4 mm²

Maximum load current 41 A (with 6 mm² conductor cross section)

Solder pin surface

Stripping length 14 mm

Number of positions 7

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section solid min. 0.5 mm²

Conductor cross section solid max. 6 mm²

Conductor cross section flexible min. 0.5 mm²

Conductor cross section flexible max. 6 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 4 mm²

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.5 mm²

Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm²

Conductor cross section AWG min. 20

Conductor cross section AWG max....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FRONT 4-H-6,35-7 with the required quantity to info@electricaonline.com or use 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.