

## INDUSTRIAL COMPONENT DATA

# GMKDS 3/ 8-7,62 BD:31-38 TS 1710721 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: GMKDS 3/ 8-7,62 BD:31-38 TS



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | GMKDS 3/ 8-7,62 BD:31-38 TS    |
| Catalog number  | 1710721                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-5047FA20E7                  |
| Generated       | 2026-08-06                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, rated current: 24 A, dimensioning voltage (III/2): 630 V, nominal section: 2.5 mm<sup>2</sup>, Number of potentials: 8, Number of rows: 1, Number of poles per row: 8, family of items: GMKDS 3, pitch: 7.62mm, type of connection: Screw connection with traction capsule, mounting: Wave soldering, Conductor connection direction/printed circuit board: 0 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 5mm, packaging type: boxed packaging. The item can be aligned with different numbers of poles!

## 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 1710721

Packing unit 1

GTIN 4055626175812

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles GMKDS 3

Pitch 7.62 mm

Number of positions 8

Connection method Screw connection with tension sleeve

Mounting type Wave soldering

Pin layout Linear pinning

Number of levels 1

Number of connections 8

Number of potentials 8

Electrical parameters

Rated current 24 A

Rated insulation voltage (III/2) 630 V

Rated surge voltage (III/2) 6 kV

Connection capacity

Conductor cross section solid 0.2 mm<sup>2</sup> ... 4 mm<sup>2</sup>

Conductor cross section flexible 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Conductor cross section AWG / kcmil 24 ... 12

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

2 conductors with same cross section, solid 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

2 conductors with same cross section, flexible 0.2 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> ... 0.75 mm<sup>2</sup>

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

Stripping length 8 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 JESD 201

Contact material Cu alloy

Surface characteristics Tin-plated

Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)

Metal surface solderi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GMKDS 3/ 8-7,62 BD:31-38 TS 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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