

**INDUSTRIAL COMPONENT DATA**

# MKDS 3/ 3 BD:4-6 1005439 PHOENIX CONTACT Terminal for printed circuit board, rated voltage: 400 V, pitch: 5 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 3/ 3 BD:4-6



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDS 3/ 3 BD:4-6               |
| Catalog number  | 1005439                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-6F15DC0BA6                  |
| Generated       | 2026-08-06                     |

## Product Overview

Terminal for printed circuit board, rated voltage: 400 V, pitch: 5 mm, number of poles: 3, type of connection: Connection by screw with capsule-traction, assembly: wave Soldering, color: green

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, family of articles: MKDS 3, pitch: 5 mm, type of connection: Screw connection with traction capsule, mounting: Wave soldering, Driver/PCB connection direction: 0°, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 5mm, number of solder pins per potential: 1, 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

ETIM for 1005439 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

23 mm

Number of electrical connections (EF008252)

3

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

5 mm

Rated current  $I_n$  (EF008250)

24 A

Rated voltage (EF000228)

400 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Screw connection

Connectable conductor cross section solid-core (EF007337)

0.2 mm<sup>2</sup>

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)

0.25 mm<sup>2</sup>

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.2 mm<sup>2</sup>

Connectable conductor cross section multi-wired (EF007343)

0.2 mm<sup>2</sup>

Connection type PCB (EF006822)

Soldering connection

Material connection surface (EF006826)

Tin

Diameter connection pin (EF006823)

1.3 mm

Length pin (EF006825)

5 mm

Material insulation body (EF007543)

Other

Housing colour (EF000136)

Green

Inflammability class of insulation material according to UL94 (EF002521)

V0

Operating temperature (EF002393)

-40 °C

Type of PCB fastening (EF008226)

Connecting contact

Type of fastening (EF002442)

Solder

Type of banding (EF007011)

Carton (for SMD)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 3/ 3 BD:4-6 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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