

## INDUSTRIAL COMPONENT DATA

# MKDS 5N HV/ 4-ZM-6,35 1837763 PHOENIX CONTACT PCB terminal block, pitch: 6.35 mm, number of positions: 4, co..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5N HV/ 4-ZM-6,35



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDS 5N HV/ 4-ZM-6,35          |
| Catalog number  | 1837763                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-C01B1453FF                  |
| Generated       | 2026-08-06                     |

## Product Overview

PCB terminal block, pitch: 6.35 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

Terminal block for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 400 V, nominal cross-section: 4 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of poles per row: 4, article family: MKDS 5 N HV, pitch: 6.35 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: green, Pin arrangement: Mixed pin arrangement, Pin length [P]: 5 mm, number of soldering 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

PCB terminal block, pitch: 6.35 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

Key Commercial Data

Orderkey 1837763

Packing unit 1

GTIN 4055626028019

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles MKDS 5 N HV  
Pitch 6.35 mm  
Number of positions 4  
Connection method Screw connection with tension sleeve  
Drive form screw head Slotted (L)  
Screw thread M3  
Mounting type Wave soldering  
Pin layout Mixed single pinning  
Number of levels 1  
Number of connections 4  
Number of potentials 4  
Material data - contact  
Contact material Cu alloy  
Surface characteristics hot-dip tin-plated  
Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)  
Metal surface soldering area (top layer) Tin (5 - 7 µm Sn)  
Material data - housing  
Insulating material PA  
Insulating material group I  
CTI according to IEC 60112 600  
Flammability rating according to UL 94 V0  
Glow wire flammability index GWFI according to EN 60695-2-12 850  
Glow wire ignition temperature GWIT according to EN 60695-2-13 775  
Temperature for the ball pressure test according to EN 60695-10-2 125 °C  
Dimensions for the product  
Length [ l ] 15.85 mm  
Width [ w ] 25.4 mm  
Height [ h ] 32 mm  
Pitch 6.35 mm  
Height (without solder pin) 27 mm  
Solder pin [P] 5 mm  
Pin spacing 9 mm  
Dimension a 19.05 mm  
Dimensions for PCB design  
Hole diameter 1.3 mm  
Pin spacing 9 mm  
Packaging informatio...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5N HV/ 4-ZM-6,35 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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