

## INDUSTRIAL COMPONENT DATA

# MKDS 5N HV/ 4-ZB-6,35 QP3 SZS 1716692 PHOENIX CONTACT Terminal for printed circuit board, nominal current: 4..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5N HV/ 4-ZB-6,35 QP3 SZS



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDS 5N HV/ 4-ZB-6,35 QP3 SZS  |
| Catalog number  | 1716692                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-C5D5531B50                  |
| Generated       | 2026-08-05                     |

## Product Overview

Terminal for printed circuit board, nominal current: 41 A, rated voltage: 1000 V, pitch: 6.35 mm, number of poles: 4, type of connection: Connection by screw with capsule-traction, assembly: Soldering by wave direction for connection conductor/pcb: 0 °, color: green

Terminal block for printed circuit board, rated current: 41 A, rated voltage (III/2): 1000 V, rated cross-section: 4 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of poles per row: 4, item family: MKDS 5 N HV, pitch: 6.35 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, Connection direction conductor/printed circuit board: 0 °, color: green, Pin arrangement: Zigzag Pins W, Pin length [P]: 5 mm, number of solder pins per potential: 1, Packaging type: Boxed

Printed circuit board terminal, nominal current: 41 A, rated voltage (III/2): 1000 V, nominal cross section: 4 mm<sup>2</sup>, number of potentials: 4, number of rows: 1, number of positions per row: 4, product range: MKDS 5 N HV, pitch: 6.35 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Zigzag pinning W, Solder pin [P]: 5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard

## 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) |
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## Additional Product Information

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family MKDS 5 N HV  
Product line COMBICON Terminals L  
Number of positions 4  
Pitch 6.35 mm  
Number of connections 4  
Number of rows 1  
Number of potentials 4  
Pin layout Zigzag pinning W  
Solder pins per potential 1  
Data management status  
Article revision 02  
Electrical propertiesNominal current IN 41 A  
Nominal voltage UN 1000 V  
Rated voltage (III/3) 800 V  
Rated surge voltage (III/3) 8 kV  
Rated voltage (III/2) 1000 V  
Rated surge voltage (III/2) 8 kV  
Rated voltage (II/2) 1000 V  
Rated surge voltage (II/2) 8 kV  
Connection dataConnection technology  
Type PC termination block  
Nominal cross section 4 mm<sup>2</sup>  
Conductor connection  
Connection method Screw connection with tension sleeve  
Conductor cross section rigid 0.2 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
Conductor cross section AWG 24 ... 10  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 4 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, flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Stripping length 8 mm  
Drive form screw head Slotted (L)  
Tightening torque 0.5 Nm....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5N HV/ 4-ZB-6,35 QP3 SZS 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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