

INDUSTRIAL COMPONENT DATA

MKDS 5N HV/ 2-ZB-6,35 GY 1704823 PHOENIX CONTACT

Terminal block for printed circuit board, rated current: 41..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5N HV/ 2-ZB-6,35 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 5N HV/ 2-ZB-6,35 GY
Catalog number	1704823
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-9CFD3C1AB5
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Product Overview

Terminal block for printed circuit board, rated current: 41 A, rated voltage: 1000 V, pitch: 6.35 mm, number of poles: 2, connection type: Screw connection with traction capsule, mounting: Wave soldering, driver/printed circuit board connection direction: 0 °, color: gray

Terminal block for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 1000 V, nominal cross-section: 4 mm², number of potentials: 2, number of rows: 1, number of poles per row: 2, 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: gray, Pin arrangement: Zigzag pins W, 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)
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Additional Product Information

PCB terminal block, nominal current: 41 A, nom. voltage: 1000 V, pitch: 6.35 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: gray

Your advantages

Well-known connection principle allows worldwide use
Low temperature rise, thanks to maximum contact force
Allows connection of two conductors
Unrestricted 600-V-UL approval thanks to compact zig-zag pinning
Key Commercial Data
Orderkey 1704823

Packing unit 1

GTIN 4046356738262

Custom tariff number 85369010

Electrical parameters

Rated current 41 A

Rated insulation voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

Connection capacity

Conductor cross section solid 0.2 mm² ... 6 mm²

Conductor cross section flexible 0.2 mm² ... 4 mm²

Conductor cross section AWG / kcmil 24 ... 10

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 4 mm²

2 conductors with same cross section, solid 0.2 mm² ... 1.5 mm²

2 conductors with same cross section, flexible 0.2 mm² ... 1.5 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve 0.25 mm² ... 0.75 mm²

2 conductors with same cross section, stranded, with TWIN ferrules with plastic sleeve 0.5 mm² ... 2.5 mm²

Stripping length 8 mm

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 hot-dip tin-plated

Material data - housing

Hous...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5N HV/ 2-ZB-6,35 GY 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

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