

INDUSTRIAL COMPONENT DATA

MKDS 5N HV/ 4-ZB-6,35 SZS 1705330 PHOENIX CONTACT

Terminal block for printed circuit board, rated current: 4..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 5N HV/ 4-ZB-6,35 SZS
Catalog number	1705330
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-3611D725A5
Generated	2026-08-06

Product Overview

Terminal block for printed circuit board, rated current: 41 A, rated voltage: 1000 V, pitch: 6.35 mm, number of poles: 4, connection type: Screw connection with traction capsule, mounting: Wave soldering, driver/printed circuit board connection direction: 0 °

Terminal block for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 1000 V, nominal cross-section: 4 mm², 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: Zigzag pins W, Pin length [P]: 5 mm, 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

PCB terminal block, nominal current: 41 A, nom. voltage: 1000 V, pitch: 6.35 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °

Your advantages

Well-known connection principle allows worldwide useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsUnrestricted 600-V-UL approval thanks to compact zig-zag pinningKey Commercial Data
Orderkey 1705330

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356767156

Weight per Piece (excluding packing) 13.320 g

Custom tariff number 85369010

Country of origin PL (Poland)

General

Range of articles MKDS 5 N HV

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 8 kV

Rated voltage (III/3) 800 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current I_N 41 A

Nominal cross section 4 mm²

Solder pin surface Sn

Stripping length 8 mm

Number of positions 4

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 10

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

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

2 conductors with same cross section, stranded min. 0.2 mm²

2 conductors with same cross section, stranded max. 1.5 mm²

2 conductors with same cross....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.