

INDUSTRIAL COMPONENT DATA

MKDS 5N HV/ 3-ZB-6,35 QP3 SZS 1716691 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5N HV/ 3-ZB-6,35 QP3 SZS



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 5N HV/ 3-ZB-6,35 QP3 SZS
Catalog number	1716691
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-5910BEBBBC
Generated	2026-08-06

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 1000 V, nominal section: 4 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, family of articles: MKDS 5 N HV, pitch: 6.35 mm, type of connection: 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

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

Key Commercial Data

Orderkey 1716691

Packing unit 1

GTIN 4055626462042

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 3

Connection method Screw connection with tension sleeve

Drive form screw head Slotted

Screw thread M3

Mounting type Wave soldering

Pin layout Zigzag pinning W

Number of levels 1

Number of connections 3

Number of potentials 3

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

Conductor cross section, flexible, with ferrule, with 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

Torque 0.5 Nm ... 0.6 Nm

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

Metal surface terminal po...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5N HV/ 3-ZB-6,35 QP3 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.