

INDUSTRIAL COMPONENT DATA

MKDS 5N HV/ 3-ZM-6,35 BK 1709752 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDS 5N HV/ 3-ZM-6,35 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDS 5N HV/ 3-ZM-6,35 BK
Catalog number	1709752
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-2082BB0B5D
Generated	2026-09-28

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 400 V, nominal section: 4 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: MKDS 5 N HV, pitch: 6.35 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, Conductor connection direction/printed circuit board: 0 °, color: black, Pin arrangement: Mixed pin arrangement, 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 1709752

Packing unit 1

GTIN 4055626111384

Custom tariff number 85369010

Dimensions

Length [l] 15.85 mm

Pitch 6.35 mm

Dimension a 12.7 mm

Width [w] 19.05 mm

Height 27 mm

Height [h] 32 mm

Solder pin [P] 5 mm

Pin spacing 9 mm

Hole diameter 1.3 mm

General

Range of articles MKDS 5 N HV

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 400 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 400 V

Connection in acc. with standard EN-VDE

Nominal current IN 41 A

Nominal cross section 4 mm²

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 8 mm

Number of positions 3

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 6 mm²

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 4 mm²

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 section, stranded, ferrules without plastic sleeve, min. 0.25 mm²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. 0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDS 5N HV/ 3-ZM-6,35 BK 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.