

INDUSTRIAL COMPONENT DATA

MKDSN 2,5/ 3 BD:09-07 SO 1147401 PHOENIX CONTACT

Terminal for printed circuit board, pitch: 5 mm, number of ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSN 2,5/ 3 BD:09-07 SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	MKDSN 2,5/ 3 BD:09-07 SO
Catalog number	1147401
Category	Printed circuit board terminal
Minimum order	1000 Pcs
Document ID	EO-CC9984D565
Generated	2026-09-27

Product Overview

Terminal for printed circuit board, pitch: 5 mm, number of poles: 3, color: green

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal section: 2.5 mm², number of rows: 1, number of poles per row: 3, article family: MKDSN 2.5, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping form: H1L Philipps-Recess with longitudinal groove, Mounting: Wave soldering, conductor/PCB connection direction: 0°, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5mm, 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

Technical dataItem PropertiesProduct Type Printed Circuit Board Terminal

Product Family MKDSN 2.5

Product Line COMBICON Terminals M

Number of poles 3

Step 5 mm

Number of rows 1

Pin Design Linear Pin Arrangement

Number of Solder Pins Per Potential 1

Data Maintenance Status

Article Review 00

Electrical PropertiesNominal Current IN 24 A

Nominal voltage UN 400 V

Sizing voltage (III/3) 250 V

Dimensioning transient voltage (III/3) 4 kV

Dimensioning voltage (III/2) 400 V

Dimensioning Transient Voltage (III/2) 4 kV

Nominal voltage (II/2) 630 V

Dimensioning transient voltage (II/2) 4 kV

Connection dataConnection technology

Construction Card terminal, alignable

Nominal Section 2.5 mm²

Connecting Conductors

Connection type Screw connection with traction capsule

Rigid conductor section 0.2 mm² ... 2.5 mm²

Flexible conductor section 0.2 mm² ... 2.5 mm²

AWG Conductor Section 24 ... 14

Flexible conductor section with toe cap, without plastic sleeve 0.25 mm² ... 2.5 mm²

Flexible conductor section with toe cap, with plastic sleeve 0.25 mm² ... 2.5 mm²

2 conductors with the same cross-section, rigid 0.2 mm² ... 0.75 mm²

2 conductors with the same cross-section, flexible 0.2 mm² ... 0.75 mm²

2 conductors of equal cross-section, flexible with toe cap, without plastic sleeve 0.25 mm² ... 0.75 mm²

2 conductors with the same cross-section, flexible with TWIN toe cap with plastic sleeve 0.5 mm² ... 1.5 mm²

Peel Length 6.5 mm

Drive shape: screw head Philipps-Recess with longitudinal groove (H1L)

Tig...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSN 2,5/ 3 BD:09-07 SO 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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