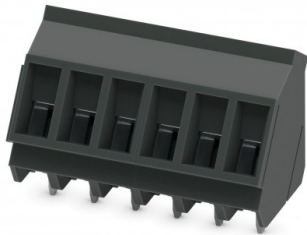


INDUSTRIAL COMPONENT DATA

SMKDS 3/ 6 BK H1L P35 1031395 PHOENIX CONTACT

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

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 3/ 6 BK H1L P35



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 3/ 6 BK H1L P35
Catalog number	1031395
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-247C29D050
Generated	2026-08-06

Product Overview

Terminal for printed circuit board, pitch: 5 mm, number of poles: 6, type of connection: Connection by screw with capsule-traction, assembly: wave Soldering, color: black

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: 6, article family: SMKDS 3, 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: 55°, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5mm, number of solder pins per potential: 1, packaging type: boxed

PCB terminal, Rated current: 24 A, Rated voltage (III/2): 400 V, Nominal cross-section: 2.5 mm², Number of rows: 1, Number of poles per row: 6, Article family: SMKDS 3, Pitch: 5 mm, Connection type: Screw connection with drawbar, Screw attack shape: H1L Philipps-Recess with longitudinal slot, Mounting: Wave soldering, Connection direction conductor/board: 55 °, Color: black, Pin layout: Linear pinning, Pin length [P]: 3.5 mm, Number of solder pins per potential: 1, Packing type: packed in carton

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 PCB Terminal Block
Product family SMKDS 3

Product Line COMBICON Terminals M

Number of poles 6

Grid dimension 5 mm

Number of rows 1

Pin layout Linear Pinning

Number of solder pins per potential 1

Data maintenance status

Article revision 00

Electrical propertiesNominal current I_N 24 A

Rated voltage UN 400 V

Rated voltage (III/3) 250 V

Rated Surge Voltage (III/3) 4 kV

Rated voltage (III/2) 400 V

Rated Surge Voltage (III/2) 4 kV

Rated voltage (II/2) 630 V

Rated Surge Voltage (II/2) 4 kV

Connection dataConnection technology

Design PCB terminal block can be stacked

Nominal cross-section 2.5 mm²

Conductor connection

Connection type Screw connection with pull sleeve

Conductor cross-section rigid 0.2 mm² ... 4 mm²

Flexible conductor cross-section 0.2 mm² ... 2.5 mm²

Conductor cross-section AWG 24 ... 12

Flexible conductor cross-section with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm²

Flexible conductor cross-section with ferrule with plastic sleeve 0.25 mm² ... 2.5 mm²

2 conductors of the same cross-section rigid 0.2 mm² ... 1.5 mm²

2 conductors of the same cross-section flexible 0.2 mm² ... 1.5 mm²

2 conductors of the same cross-section flexible with ferrule without plastic sleeve 0.25 mm² ... 0.75 mm²

2 conductors of the same cross-section flexible with TWIN ferrule with plastic sleeve 0.5 mm² ... 1.5 mm²

Stripping length 8 mm

Drive Form Screw Head Philipps-Recess with longitudinal slot (H1L)

Tightening torque 0.5 Nm ... 0.6 Nm

Asse...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 3/ 6 BK H1L P35 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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