

INDUSTRIAL COMPONENT DATA

SMKDS 3/ 3 BK H1L P35 1031390 PHOENIX CONTACT

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

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 3/ 3 BK H1L P35
Catalog number	1031390
Category	Printed circuit board terminal
Minimum order	100 Pcs
Document ID	EO-B7A961E3E5
Generated	2026-09-29

Product Overview

Terminal for printed circuit board, pitch: 5 mm, number of poles: 3, 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 cross-section: 2.5 mm², number of rows: 1, number of poles per row: 3, article family: SMKDS 3, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping method: 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

Printed circuit board terminal, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm², number of rows: 1, number of positions per row: 3, product range: SMKDS 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, screw head form: H1L Slotted Phillips recess, mounting: Wave soldering, conductor/PCB connection direction: 55 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard

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 dataProduct propertiesProduct type Printed circuit board terminal
Product family SMKDS 3

Product line COMBICON Terminals M

Number of positions 3

Pitch 5 mm

Number of rows 1

Pin layout Linear pinning

Solder pins per potential 1

Data management status

Article revision 00

Electrical propertiesNominal current I_N 24 A

Nominal voltage U_N 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

Type PC terminal block can be aligned

Nominal cross section 2.5 mm²

Conductor connection

Connection method Screw connection with tension sleeve

Conductor cross section rigid 0.2 mm² ... 4 mm²

Conductor cross section flexible 0.2 mm² ... 2.5 mm²

Conductor cross section AWG 24 ... 12

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm²

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 2.5 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, flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.75 mm²

2 conductors with 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 Slotted Phillips recess (H1L)

Tightening torque 0.5 Nm ... 0.6 Nm

MountingMo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 3/ 3 BK H1L P35 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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