

INDUSTRIAL COMPONENT DATA

SMKDS 3/ 8 BD:8-1 SO 1701823 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 3/ 8 BD:8-1 SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 3/ 8 BD:8-1 SO
Catalog number	1701823
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-B6DBD5CE60
Generated	2026-08-03

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 24 A, dimensioning voltage (III/2): 400 V, nominal section: 2.5 mm², Number of potentials: 8, Number of rows: 1, Number of poles per row: 8, article family: SMKDS 3, pitch: 5 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, Driver/PCB connection direction: 55°, Color: Green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.5mm, 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

Key Commercial Data

Orderkey 1701823

Packing unit 1

GTIN 4046356562300

Custom tariff number 85369010

Dimensions

Length [l] 16 mm

Pitch 5 mm

Dimension a 35 mm

Width [w] 40 mm

Height 18 mm

Height [h] 22.5 mm

Solder pin [P] 4.5 mm

Hole diameter 1.3 mm

General

Range of articles SMKDS 3

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) 250 V

Rated voltage (III/2) 400 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 24 A

Nominal cross section 2.5 mm²

Solder pin surface

Internal cylindrical gage A3

Stripping length 8 mm

Number of positions 8

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

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. 0.75 mm²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm²

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1.5 mm²

Standards and Regulations

Connection in acc. with standard EN-VD...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 3/ 8 BD:8-1 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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