INDUSTRIAL COMPONENT DATA

SMKDS 3/37 1704777 PHOENIX CONTACT Terminal block for printed circuit board, rated current: 24 A, rated volt..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SMKDS 3/37

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	SMKDS 3/37
Catalog number	1704777
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-7C591A6EF6
Generated	2026-09-30

Product Overview

Terminal block for printed circuit board, rated current: 24 A, rated voltage: 400 V, pitch: 5 mm, number of poles: 37, connection type: Screw connection, mounting: Solder, connection direction conductor/printed circuit board: 55 °, color: green

Terminal block for printed circuit board, rated current: 24 A, rated voltage (III/2): 400 V, rated cross-section: 2.5 mm², number of potentials: 37, number of rows: 1, number of poles per row: 37, item family: SMKDS 3, pitch: 5 mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, Conductor/PCB connection direction: 55 °, color: green, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.5 mm, number of solder pins per potential: 1

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

PCB terminal block, nominal current: 24 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 37, connection method: Screw connection, mounting: Soldering, conductor/PCB connection direction: 55 °, color: green

Your advantages

Well-known connection principle allows worldwide useLow temperature rise, thanks to maximum contact forceAllows connection of two conductorsAngled connection enables multi-row arrangement on the PCBIntegrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeveThe latching on the side enables various numbers of positions to be combinedKey Commercial Data

Orderkey 1704777

Packing unit 1

GTIN 4046356866408
Custom tariff number 85369010
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 Sn
Internal cylindrical gage A3
Stripping length 8 mm
Number of positions 37
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 m...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SMKDS 3/37 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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