

INDUSTRIAL COMPONENT DATA

KDS 2,5/ 4 GNBU 1705667 PHOENIX CONTACT Terminal block for printed circuit board, rated current: 24 A, rated..

Brand: PHOENIX CONTACT | Manufacturer Part Number: KDS 2,5/ 4 GNBU



Manufacturer	PHOENIX CONTACT
MPN / Reference	KDS 2,5/ 4 GNBU
Catalog number	1705667
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-117E1063C7
Generated	2026-08-05

Product Overview

Terminal block for printed circuit board, rated current: 24 A, rated voltage: 400 V, pitch: 5 mm, number of poles: 4, connection type: Screw connection with traction capsule, mounting: Wave soldering, connection direction conductor/printed circuit board: 0 °, color: multicolor

Terminal block for printed circuit board, nominal current: 24 A, nominal voltage (III/2): 400 V, nominal cross-section: 2.5 mm², number of potentials: 4, number of rows: 1, number of poles per row: 4, article family: KDS 2.5, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: multicolor, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.6 mm, number of solder pins per potential: 2, 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)

Additional Product Information

PCB terminal block, nominal current: 24 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 4, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: multi-color

Your advantages

Well-known connection principle allows worldwide use
Low temperature rise, thanks to maximum contact force
Allows connection of two conductors
Quick and convenient testing using integrated test option
Two solder pins reduce the mechanical strain on the soldering spots
The latching on the side enables various numbers of positions to be combined
Key Commercial Data

Orderkey 1705667

Packing unit 1

GTIN 4046356791762

Custom tariff number 85369010

General

Range of articles KDS 2,5

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 9 mm

Number of positions 4

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 mm²

2 conductors with same cross section, stranded min. 0.2 mm²

2 conductors with same cross section, stranded max. 1.5 mm²...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / KDS 2,5/ 4 GNB 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.