

INDUSTRIAL COMPONENT DATA

SPT 2,5/ 7-V-5,0 BD:1-7 1705046 PHOENIX CONTACT Terminal block for printed circuit board, rated current: 24 ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPT 2,5/ 7-V-5,0 BD:1-7

	Manufacturer	PHOENIX CONTACT
	MPN / Reference	SPT 2,5/ 7-V-5,0 BD:1-7
	Catalog number	1705046
	Category	Printed circuit board terminal
	Minimum order	50 Pcs
	Document ID	EO-2B2F0E4B03
	Generated	2026-08-06

Product Overview

Terminal block for printed circuit board, rated current: 24 A, rated voltage: 400 V, pitch: 5 mm, number of poles: 7, connection type: Push-in spring connection, mounting: Wave soldering, driver/printed circuit board connection direction: 90 °, color: green

Terminal block for printed circuit board, nominal current: 24 A, dimensioning voltage (III/2): 400 V, nominal section: 2.5 mm², Number of potentials: 7, Number of rows: 1, Number of poles per row: 7, article family: SPT 2.5/.. -V, pitch:5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 90 °, color: green, Pin arrangement: Double linear pin arrangement, Pin length [P]: 2.5 mm, 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: 7, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green

Your advantages

Time saving push-in connection, tools not requiredDefined contact force ensures that contact remains stable over the long termClamping space opened by means of fixed screwdriver enables convenient conductor connectionOperation and conductor connection from one direction enable integration into front of deviceTwo solder pins reduce the mechanical strain on the soldering spotsKey Commercial Data

Orderkey 1705046

Packing unit 1

GTIN 4046356750592

Custom tariff number 85369010

Electrical parameters

Rated current 24 A

Rated insulation voltage (III/2) 400 V

Rated surge voltage (III/2) 4 kV

Connection capacity

Conductor cross section solid 0.2 mm² ... 4 mm²

Conductor cross section flexible 0.2 mm² ... 2.5 mm²

Conductor cross section AWG / kcmil 24 ... 12

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm² (Stripping length 8 mm)

Stripping length 10 mm

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics hot-dip tin-plated

Material data - housing

Housing color green (6021)

Insulating material PA

CTI according to IEC 60112 600

Flammability rating according to UL 94 V0

Glow wire flammability index GWFI...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPT 2,5/ 7-V-5,0 BD:1-7 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.