

**INDUSTRIAL COMPONENT DATA**

# SPTA 1,5/ 7-3,81 MIX BD:AU-STR 1705975 PHOENIX CONTACT Terminal block for printed circuit board, rated curre..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTA 1,5/ 7-3,81 MIX BD:AU-STR



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPTA 1,5/ 7-3,81 MIX BD:AU-STR |
| Catalog number  | 1705975                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-D3547E09D7                  |
| Generated       | 2026-08-06                     |

## Product Overview

Terminal block for printed circuit board, rated current: 9 A, rated voltage: 160 V, pitch: 3.81 mm, number of poles: 7, connection type: Push-in spring connection, mounting: Wave soldering, driver/printed circuit board connection direction: 45 °, color: multicolor

Terminal block for printed circuit board, nominal current: 9 A, nominal voltage (III/2): 160 V, nominal cross-section: 1.5 mm², number of potentials: 7, number of rows: 1, number of poles per row: 7, article family: SPTA 1.5/, pitch: 3.81 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: multicolor, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.4 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: 9 A, nom. voltage: 160 V, pitch: 3.81 mm, number of positions: 7, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: multi-color

Your advantages

Time saving push-in connection, tools not requiredDefined contact force ensures that contact remains stable over the long termIntuitive use through colour coded actuation leverAngled connection enables multi-row arrangement on the PCBQuick and convenient testing using integrated test optionTwo solder pins reduce the mechanical strain on the soldering spotsKey

**Commercial Data**

Orderkey 1705975

Packing unit 1

GTIN 4046356815659

Custom tariff number 85369010

**Electrical parameters**

Rated current 9 A

Rated insulation voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

**Connection capacity**Conductor cross section solid 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>Conductor cross section flexible 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

Conductor cross section AWG / kcmil 24 ... 16

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

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 Tin-plated

**Material data - housing**

Housing color multi-color

Insulating material PA

CTI according to IEC 60112 600

Flammability rating according to UL 94 V0

**Dimensions for the product****Dimensional drawing**

Length [ l ] 12 mm

Width [ ...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / SPTA 1,5/ 7-3,81 MIX BD:AU-STR with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

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