

**INDUSTRIAL COMPONENT DATA**

# SPTA 1/ 7-3,5 MIX BN-BK 1702713 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTA 1/ 7-3,5 MIX BN-BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPTA 1/ 7-3,5 MIX BN-BK        |
| Catalog number  | 1702713                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-E66F363F8E                  |
| Generated       | 2026-08-04                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 9 A, dimensioning voltage (III/2): 200 V, nominal section: 1 mm<sup>2</sup>, Number of potentials: 7, Number of rows: 1, Number of poles per row: 7, article family: SPTA 1/, pitch: 3.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 65°, color: multicolor, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.5 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 &gt; PCB Connectors (PCC)

## Additional Product Information

Key Commercial Data

Orderkey 1702713

Packing unit 1

GTIN 4046356909754

Custom tariff number 85369010

Item properties

Brief article description PCB terminal block

Range of articles SPTA 1/

Pitch 3.5 mm

Number of positions 7

Connection method Push-in spring connection

Mounting type Wave soldering  
Pin layout Linear pinning  
Number of levels 1  
Number of connections 7  
Number of potentials 7  
Electrical parameters  
Rated current 9 A  
Rated insulation voltage (III/2) 200 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 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> ... 0.75 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
Stripping length 8 mm  
Material data - contact  
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  
Contact material Cu alloy  
Metal surface terminal point (top layer) Tin (4 - 8 µm Sn)  
Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)  
Material data - housing  
Insulating material PA  
Insulating material group I  
CTI according to IEC 60112 600  
Flammability rating according to UL 94 V0  
Glow wire flammability index GWFI according to EN 60695-2-12 850  
Glow wire ignition temperature GWIT according to EN 60695-2-13 775  
Temperature for the ball pressure test according to EN 60695-10-2 125 °C  
Dimensions for the...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTA 1/ 7-3,5 MIX BN-BK 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

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.