

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	2026-08-05

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 9 A, dimensioning voltage (III/2): 200 V, nominal section: 1 mm², 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 > 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 mm² ... 1.5 mm²
Conductor cross section flexible 0.2 mm² ... 1 mm²
Conductor cross section AWG / kcmil 24 ... 16
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.75 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 0.75 mm²
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 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.