

INDUSTRIAL COMPONENT DATA

PTSA 1,5/18-3,5-Z BK 1709617 PHOENIX CONTACT

Spring-cage PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSA 1,5/18-3,5-Z BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTSA 1,5/18-3,5-Z BK
Catalog number	1709617
Category	Printed circuit board terminal
Minimum order	40 Pcs
Document ID	EO-A4D5DE020C
Generated	2026-08-06

Product Overview

Spring-cage PCB terminal block

Terminal block for printed circuit board, rated current: 8 A, rated voltage (III/2): 400 V, rated cross-section: 1.5 mm², number of potentials: 18, number of rows: 1, number of poles per row: 18, article family: PTSA 1.5, pitch: 3.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: black, Pin arrangement: Zigzag Pins M, Pin length [P]: 3.5 mm, number of welding pins per potential: 1, packaging type: boxed packaging. Welding pins in the anterior area, one row

PCB terminal, Rated current: 8 A, Rated voltage (III/2): 400 V, Nominal cross-section: 1.5 mm², Number of potentials: 18, Number of rows: 1, Number of poles per row: 18, Product family: PTSA 1.5, Pitch: 3.5 mm, Connection type: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: black, Pin layout: Zig-zag pinning W, Pin length [P]: 3.5 mm, Number of solder pins per potential: 1, Packaging type: Packed in a carton. Soldering legs in the front area, single-row

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)
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Additional Product Information

Key Commercial Data

Orderkey 1709617

Packing unit 1

GTIN 4055626298191

Custom tariff number 85369010

Dimensions

Length [l] 12 mm

Pitch 3.5 mm

Dimension a 59.5 mm

Width [w] 8.5 mm

Height 13.1 mm

Height [h] 16.7 mm

Solder pin [P] 3.6 mm

Pin spacing 3.5 mm

Hole diameter 1 mm

General

Range of articles PTSA 1,5

Insulating material group I

Rated voltage (III/2) 250 V

Nominal current IN 8 A

Nominal cross section 1.5 mm²

Solder pin surface

Flammability rating according to UL 94 V0

Number of positions 18

Standards and Regulations

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss 7.027440401eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 5.0EC002643ETIM 6.0EC002643

ETIM for 1709617 Connectors (EC002643)

Feature Name**Feature Value**

Height (EF000040)

16.7 mm

Number of electrical connections (EF008252)

18

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

3.5 mm

Rated current In (EF008250)

8 A

Rated voltage (EF000228)

400 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connection type conductor (EF006821)

Spring clamp connection

Connectable conductor cross section solid-core (EF007337)

0.2 mm²

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)

0.25 mm²

Connectable conductor cross section fin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSA 1,5/18-3,5-Z 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

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