

## INDUSTRIAL COMPONENT DATA

# PTSA 1,5/24-3,5-Z BK 1709613 PHOENIX CONTACT

## Spring-cage PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSA 1,5/24-3,5-Z BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PTSA 1,5/24-3,5-Z BK           |
| Catalog number  | 1709613                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 40 Pcs                         |
| Document ID     | EO-60A6A30D1D                  |
| Generated       | 2026-08-05                     |

### Product Overview

Spring-cage PCB terminal block

Printed circuit board terminal block, rated current: 8 A, rated voltage (III/2): 400 V, rated cross-section: 1.5 mm<sup>2</sup>, number of potentials: 24, number of rows: 1, number of poles per row: 24, 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

Printed circuit board terminal, nominal current: 8 A, rated voltage (III/2): 400 V, nominal cross section: 1.5 mm<sup>2</sup>, number of potentials: 24, number of rows: 1, number of positions per row: 24, product range: PTSA 1,5, pitch: 3.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: black, Pin layout: Zigzag pinning W, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. Soldering legs in front area, one-rowed

## 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

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family PTSA 1,5

Product line COMBICON Terminals S

Number of positions 24

Pitch 3.5 mm

Number of connections 24  
Number of rows 1  
Number of potentials 24  
Pin layout Zigzag pinning W  
Solder pins per potential 1  
Data management status  
Article revision 03  
Electrical propertiesNominal current  $I_N$  8 A  
Nominal voltage  $U_N$  400 V  
Rated voltage (III/3) 250 V  
Rated surge voltage (III/3) 4 kV  
Rated voltage (III/2) 400 V  
Rated surge voltage (III/2) 4 kV  
Rated voltage (II/2) 630 V  
Rated surge voltage (II/2) 4 kV  
Connection dataConnection technology  
Type PC termination block  
Nominal cross section 1.5 mm<sup>2</sup>  
Conductor connection  
Connection method Push-in spring connection  
Conductor cross section rigid 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 24 ... 16  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 1 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
Stripping length 9 mm  
MountingMounting type Wave soldering  
Pin layout Zigzag pinning W  
Material specificationsMaterial 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  
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  
Color...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSA 1,5/24-3,5-Z 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

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