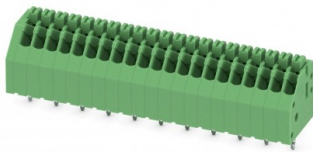


## INDUSTRIAL COMPONENT DATA

# PTSA 0,5/21-2,5-Z 1990193 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTSA 0,5/21-2,5-Z



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PTSA 0,5/21-2,5-Z              |
| Catalog number  | 1990193                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-5A97E0DA4C                  |
| Generated       | 2026-08-04                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 2 A, nominal voltage (III/2): 250 V, nominal cross-section: 0.5 mm<sup>2</sup>, number of potentials: 21, number of rows: 1, number of poles per row: 21, article family: PTSA 0.5, pitch: 2.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 45 °, color: green, Pin arrangement: Zigzag Pins M, Pin length [P]: 3.6 mm, number of welding pins per potential: 1, packaging type: boxed packaging. Offset welding pins, two rows

Printed circuit board terminal, nominal current: 2 A, rated voltage (III/2): 250 V, nominal cross section: 0.5 mm<sup>2</sup>, number of potentials: 21, number of rows: 1, number of positions per row: 21, product range: PTSA 0,5, pitch: 2.5 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green, Pin layout: Zigzag pinning M, Solder pin [P]: 3.6 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. Offset soldering legs, two-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 0,5

Product line COMBICON Terminals XS

Type PC termination block

Number of positions 21

Pitch 2.5 mm  
Number of connections 21  
Number of rows 1  
Number of potentials 21  
Pin layout Zigzag pinning M  
Solder pins per potential 1  
Data management status  
Article revision 02  
Electrical propertiesNominal current  $I_N$  2 A  
Nominal voltage  $U_N$  250 V  
Rated voltage (III/3) 160 V  
Rated surge voltage (III/3) 2.5 kV  
Rated voltage (III/2) 250 V  
Rated surge voltage (III/2) 2.5 kV  
Rated voltage (II/2) 400 V  
Rated surge voltage (II/2) 2.5 kV  
Connection dataConnection technology  
Type PC termination block  
Nominal cross section 0.5 mm<sup>2</sup>  
Conductor connection  
Connection method Push-in spring connection  
Conductor cross section rigid 0.14 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
Conductor cross section AWG 24 ... 20  
Stripping length 9 mm  
MountingMounting type Wave soldering  
Pin layout Zigzag pinning M  
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 (Housing) green (6021)  
Insulating material PA  
Insulating material group I  
CTI according to IEC 60112 600  
Flammability rating according to UL 94....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTSA 0,5/21-2,5-Z 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

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