

## INDUSTRIAL COMPONENT DATA

# SPTA-THR 1,5/ 6-3,81BDWH-SER44 1092719 PHOENIX CONTACT Terminal for printed circuit board, rated current: 13..

Brand: PHOENIX CONTACT | Manufacturer Part Number: SPTA-THR 1,5/ 6-3,81BDWH-SER44



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | SPTA-THR 1,5/ 6-3,81BDWH-SER44 |
| Catalog number  | 1092719                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 145 Pcs                        |
| Document ID     | EO-B288D29358                  |
| Generated       | 2026-09-26                     |

## Product Overview

Terminal for printed circuit board, rated current: 13,5 A, pitch: 3,81 mm, number of poles: 6, type of connection: spring clamp push-in, mounting: Weld THR, direction for connection conductor/pcb: 45 °, color: black

PCB terminal, nominal current: 13.5 A, nominal voltage (III/2): 160 V, nominal cross-section: 1.5 mm<sup>2</sup>, number of rows: 1, number of poles per row: 6, article family: SPTA 1.5/.. -THR, pitch: 3.81mm, connection type: Push-in spring connection, mounting: Solder THR, driver/PCB connection direction: 45°, color: black, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 2.6mm, Number of Solder Pins by Potential: 1, Packing Type: 44mm Wide Belt

Printed circuit board terminal, nominal current: 17.5 A, nominal voltage (III/2): 160 V, nominal section: 1.5 mm<sup>2</sup>, number of rows: 1, number of poles per row: 6, article family: SPTA 1.5/.. -THR, pitch: 3.81 mm, connection type: Push-in spring connection, mounting: THR soldering/wave soldering, conductor connection direction/printed circuit board: 45 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 2.6 mm, number of solder pins per potential: 1, packaging type: 44 mm wide strap

## 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

Technical dataItem PropertiesProduct Type Printed Circuit Board Terminal

Product Family SPTA 1.5/.. -THR

Product Line COMBICON Terminals S

Number of poles 6  
Step 3.81 mm  
Number of rows 1  
Pin Design Linear Pin Arrangement  
Number of Solder Pins Per Potential 1  
Data Maintenance Status  
Article Review 05  
Electrical PropertiesNominal Current IN 17.5 A  
Nominal voltage UN 160 V  
Sizing voltage (III/3) 160 V  
Dimensioning transient voltage (III/3) 2.5 kV  
Dimensioning voltage (III/2) 160 V  
Dimensioning Transient Voltage (III/2) 2.5 kV  
Nominal voltage (II/2) 250 V  
Dimensioning transient voltage (II/2) 2.5 kV  
Connection dataConnection technology  
Nominal Section 1.5 mm<sup>2</sup>  
Connecting Conductors  
Connection type Push-in spring connection  
Rigid conductor section 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup> (Conductor connection with open terminal point)  
0.34 mm<sup>2</sup> ... 1.5 mm<sup>2</sup> (Push-in connection)  
Flexible conductor section 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
AWG Conductor Section 24 ... 16  
Flexible conductor section with toe cap, without plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Flexible conductor section with toe cap, with plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
2 conductors with the same cross-section, flexible with TWIN toe cap with plastic sleeve 0.5 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
Peel Length 10 mm  
assemblyType of mounting THR welding/wave welding  
Pin Design Linear Pin Arrangement  
Processing Instructions  
Process Reflow/Wave Soldering  
Moisture Sensitive Level MSL 1  
Classification Temperature T<sub>c</sub> 260 °C  
Welding cycles. by reflux 3  
Material DataMaterial data -....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SPTA-THR 1,5/ 6-3,81BDWH-SER44 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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