

**INDUSTRIAL COMPONENT DATA**

# LPTA 6/ 5-7,5-ZB 1098178 PHOENIX CONTACT Terminal block for printed circuit board, nominal current: 41 A, no..

Brand: PHOENIX CONTACT | Manufacturer Part Number: LPTA 6/ 5-7,5-ZB



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | LPTA 6/ 5-7,5-ZB               |
| Catalog number  | 1098178                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 25 Pcs                         |
| Document ID     | EO-1D3AAD7A77                  |
| Generated       | 2026-08-03                     |

## Product Overview

Terminal block for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 1000 V, nominal cross-section: 6 mm<sup>2</sup>, number of potentials: 5, number of rows: 1, number of poles per row: 5, article family: LPTA 6/, pitch: 7.5 mm, connection type: Push-in lever connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 30 °, color: green, Pin arrangement: Zigzag Pins W, Pin length [P]: 3.6 mm, packaging type: boxed

Printed circuit board terminal, rated current: 41 A, dimensioning voltage (III/2): 1000 V, nominal section: 6 mm<sup>2</sup>, number of potentials: 5, Number of rows: 1, Number of poles per row: 5, item family: LPTA 6/, pitch: 7.5 mm, connection type: Lever push-in connection, mounting: Wave welding, connection direction conductor/printed circuit board: 30 °, color: green, Pin arrangement: Zigzag pins W, Pin length [P]: 3.6 mm, Packing 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 &gt; PCB Connectors (PCC)

## Additional Product Information

ETIM for 1098178 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

33.76 mm

Number of electrical connections (EF008252)

5

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

7.5 mm

Rated current  $I_n$  (EF008250)

41 A

Rated voltage (EF000228)

1000 V

Rated surge voltage (EF002993)

8 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 mm<sup>2</sup>

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

0.2 mm<sup>2</sup>

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.34 mm<sup>2</sup>

Connectable conductor cross section multi-wired (EF007343)

10 mm<sup>2</sup>

Connection type PCB (EF006822)

Soldering connection

Material connection surface (EF006826)

Tin

Diameter connection pin (EF006823)

2 mm

Length pin (EF006825)

3.6 mm

Material insulation body (EF007543)

Other

Housing colour (EF000136)

Green

Inflammability class of insulation material according to UL94 (EF002521)

V0

Operating temperature (EF002393)

-40 °C

Type of PCB fastening (EF008226)

Connecting contact

Type of fastening (EF002442)

Solder

Type of banding (EF007011)

Carton (for SMD)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LPTA 6/ 5-7,5-ZB 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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