

## INDUSTRIAL COMPONENT DATA

# LPTA 6/ 4-7,5-ZF 1394413 PHOENIX CONTACT Printed circuit board terminal, rated current: 41 A, rated voltage ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: LPTA 6/ 4-7,5-ZF



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | LPTA 6/ 4-7,5-ZF               |
| Catalog number  | 1394413                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 25 Pcs                         |
| Document ID     | EO-158BEC73DD                  |
| Generated       | 2026-09-29                     |

## Product Overview

Printed circuit board terminal, rated current: 41 A, rated voltage (III/2): 1000 V, rated cross-section: 6 mm<sup>2</sup>, number of rows: 1, number of poles per row: 4, item family: LPTA 6/, pitch: 7.5 mm, connection type: Push-in lever connection, mounting: Wave soldering, conductor/printed circuit board connection direction: 30 °, color: green, Pin arrangement: Zigzag Pins M, Pin length [P]: 3.6 mm, packaging type: boxed

PCB terminal, rated current: 41 A, rated voltage (III/2): 1000 V, rated cross-section: 6 mm<sup>2</sup>, number of rows: 1, number of poles per row: 4, item family: LPTA 6/, pitch: 7.5 mm, connection type: Push-in lever connection, mounting: Wave soldering, driver/PCB connection direction: 30°, Color: Green, Pin Arrangement: Zigzag Pins M, Pin Length [P]: 3.6mm, Packing Type: Boxed Packaging

PCB terminal block, nominal current: 41 A, rated voltage (III/2): 1000 V, nominal cross section: 6 mm<sup>2</sup>, number of rows: 1, number of positions per row: 4, product range: LPTA 6/, pitch: 7.5 mm, connection method: Lever Push-in connection, mounting: Wave soldering, conductor/PCB connection direction: 30 °, color: green, Pin layout: Zigzag pinning M, Solder pin [P]: 3.6 mm, type of packaging: packed in cardboard

## 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 line COMBICON Terminals L

Product type Printed circuit board terminal

Product family LPTA 6/

Number of positions 4

Pitch 7.5 mm  
Number of rows 1  
Pin layout Zigzag pinning M  
Electrical propertiesNominal current  $I_N$  41 A  
Nominal voltage  $U_N$  1000 V  
Degree of pollution 3  
Rated voltage (III/3) 1000 V  
Rated surge voltage (III/3) 8 kV  
Rated voltage (III/2) 1000 V  
Rated surge voltage (III/2) 8 kV  
Rated voltage (II/2) 1000 V  
Rated surge voltage (II/2) 6 kV  
Connection dataConnection technology  
Nominal cross section 6 mm<sup>2</sup>  
Conductor connection  
Connection method Lever Push-in connection  
Conductor cross section rigid 0.2 mm<sup>2</sup> ... 10 mm<sup>2</sup> (Conductor connection with open terminal point)  
0.5 mm<sup>2</sup> ... 10 mm<sup>2</sup> (Push-in connection)  
Conductor cross section flexible 0.34 mm<sup>2</sup> ... 10 mm<sup>2</sup>  
Conductor cross section AWG 22 ... 8  
Conductor cross section flexible, with ferrule without plastic sleeve 0.2 mm<sup>2</sup> ... 6 mm<sup>2</sup> (Conductor connection with open terminal point)  
1.5 mm<sup>2</sup> ... 6 mm<sup>2</sup> (Push-in connection)  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.2 mm<sup>2</sup> ... 6 mm<sup>2</sup> (Conductor connection with open terminal point)  
0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup> (Push-in connection)  
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Stripping length 12 mm ... 14 mm  
MountingMounting type Wave soldering  
Pin layout Zigzag pinning M  
Material specificationsMaterial data - contact  
Note WEEE/RoHS-compliant, free of whiskers accord...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LPTA 6/ 4-7,5-ZF 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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