

INDUSTRIAL COMPONENT DATA

LPTA 6/ 3-7,5-ZB 1098176 PHOENIX CONTACT Terminal block for printed circuit board, nominal current: 41 A, no..

Brand: PHOENIX CONTACT | Manufacturer Part Number: LPTA 6/ 3-7,5-ZB



Manufacturer	PHOENIX CONTACT
MPN / Reference	LPTA 6/ 3-7,5-ZB
Catalog number	1098176
Category	Printed circuit board terminal
Minimum order	50 Pcs
Document ID	EO-2B7CC8EC19
Generated	2026-08-04

Product Overview

Terminal block for printed circuit board, nominal current: 41 A, nominal voltage (III/2): 1000 V, nominal cross-section: 6 mm², number of potentials: 3, number of rows: 1, number of poles per row: 3, 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, sizing voltage (III/2): 1000 V, nominal section: 6 mm², number of potentials: 3, Number of rows: 1, Number of poles per row: 3, 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 > PCB Connectors (PCC)**

Additional Product Information

ETIM for 1098176 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

33.76 mm

Number of electrical connections (EF008252)

3

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 mm²

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

0.2 mm²

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

0.34 mm²

Connectable conductor cross section multi-wired (EF007343)

10 mm²

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/ 3-7,5-ZB with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.