

INDUSTRIAL COMPONENT DATA

LPTA 6/ 8-7,5-ZF 1449305 PHOENIX CONTACT Printed circuit board terminal, rated current: 41 A, rated voltage ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: LPTA 6/ 8-7,5-ZF



Manufacturer	PHOENIX CONTACT
MPN / Reference	LPTA 6/ 8-7,5-ZF
Catalog number	1449305
Category	Printed circuit board terminal
Minimum order	25 Pcs
Document ID	EO-F2FE80AEA2
Generated	2026-09-29

Product Overview

Printed circuit board terminal, rated current: 41 A, rated voltage (III/2): 1000 V, rated cross-section: 6 mm², number of rows: 1, number of poles per row: 8, item family: LPTA 6/, pitch: 7.5 mm, connection type: Push-in lever connection, mounting: Wave soldering, driver/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 mm², number of rows: 1, number of poles per row: 8, 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 mm², number of rows: 1, number of positions per row: 8, 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 8

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 mm²
Conductor connection
Connection method Lever Push-in connection
Conductor cross section rigid 0.2 mm² ... 10 mm² (Conductor connection with open terminal point)
0.5 mm² ... 10 mm² (Push-in connection)
Conductor cross section flexible 0.34 mm² ... 10 mm²
Conductor cross section AWG 22 ... 8
Conductor cross section flexible, with ferrule without plastic sleeve 0.2 mm² ... 6 mm² (Conductor connection with open terminal point)
1.5 mm² ... 6 mm² (Push-in connection)
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.2 mm² ... 6 mm² (Conductor connection with open terminal point)
0.5 mm² ... 6 mm² (Push-in connection)
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 2.5 mm²
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/ 8-7,5-ZF 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.