INDUSTRIAL COMPONENT DATA

LPCH 6/ 3+6-ST-7,62 1716954 PHOENIX CONTACT Connector, hybrid printed circuit board, nominal current: 41 A, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: LPCH 6/ 3+6-ST-7,62



Manufacturer	PHOENIX CONTACT
MPN / Reference	LPCH 6/ 3+6-ST-7,62
Catalog number	1716954
Category	Cable connector
Minimum order	25 Pcs
Document ID	EO-2EA233D51F
Generated	2026-11-19

Product Overview

Connector, hybrid printed circuit board, nominal current: 41 A, number of poles: 9, pitch: 7.62 mm, Connection type: spring clamp push-in, color: green
Hybrid connector for printed circuit board, nominal section: 6 mm², color: green, nominal current: 41 A, 8 A, nominal voltage (III/2): 1000 V, contact surface: Tin, contact type: Female, number of potentials: 9, number of rows: 1, number of poles: 9, number of connections: 9, family of articles: LPCH 6/.. +6-ST, pitch: 7.62 mm, connection type: Push-in lever connection, driver/printed circuit board connection direction: 0 °, plug-in system: COMBICON PC 6 hybrid, lock: without, fixing type: without, packaging type: boxed
Hybrid PCB connector, nominal cross-section: 6 mm2, colour: green, rated current: 41 A, 8 A, dimensioning voltage (III/2): 1000 V, contact surface: Sn, contact connection type: Female, number of potentials: 9, number of rows: 1, number of poles: 9, number of connections: 9, product series: LPCH 6/.. +6-ST, pitch: 7.62 mm, connection type: Push-in connection with lever, conductor/board connection direction: 0 °, plug system: COMBICON PC 6 hybrid, locking: none, fastening type: none, packaging type: packed in carton

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 dataArticle featuresProduct Type Hybrid PCB connector
Product Family LPCH 6/.. +6-ST
Product Line COMBICON Connectors L
Number of poles 9

Step 7.62 mm
Number of connections 9
Number of rows 1
Number of potentials 9
Data maintenance status
Article review 05
Electrical characteristicsRated Current IN 41 A
Rated voltage UN 1000 V
Mass Resistivity 0.42 m?
Sizing voltage (III/3) 800 V
Sizing impulse voltage (III/3) 8 kV
Sizing voltage (III/2) 1000 V
Sizing Impulse Voltage (III/2) 8 kV
Sizing voltage (II/2) 1000 V
Sizing Impulse Voltage (II/2) 6 kV
Connection dataConnection technology
Connector system COMBICON PC 6 hybrid
Nominal cross-section 6 mm²
Contact Connection Type female
Blockage
Clamping Type absent
Fixing flange absent
Power conductor connection
Link Push-in connection with lever
Direction of connection of the conductor to the direction of insertion 0 °
Rigid conductor cross-section 0.75 mm² ... 10 mm²
Flexible conductor cross-section 0.75 mm² ... 6 mm²
Conductor cross-section AWG 18 ... 8
Flexible conductor cross-section with cable lug without plastic collar 0.75 mm² ... 6 mm²
Flexible conductor cross-section with mounted lug and plastic collar 0.75 mm² ... 6 mm²
Buffer Gauge a x b / diameter 4.3 mm x 4.0 mm / 4.0 mm
Length of the section to be stripped 18 mm
Signal conductor connection
Link Push-in spring connection
Direction of connection of the conductor to the direction of insertion 0 °
Rigid conductor cross-section 0.2 mm² ... 1.5 mm²
Flexible conductor....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LPCH 6/ 3+6-ST-7,62 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.