

## INDUSTRIAL COMPONENT DATA

# PLH 5/ 3-7,5-ZF MCRD/WH/BK 1713573 PHOENIX CONTACT

## Terminal for printed circuit board, nominal current: 41 A..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLH 5/ 3-7,5-ZF MCRD/WH/BK



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | PLH 5/ 3-7,5-ZF MCRD/WH/BK     |
| Catalog number  | 1713573                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 25 Pcs                         |
| Document ID     | EO-54FECCB58C                  |
| Generated       | 2026-08-04                     |

### Product Overview

Terminal for printed circuit board, nominal current: 41 A, rated voltage: 1000 V, pitch: 7.5 mm, number of poles: 3, type of connection: Connection by spring loaded push lock, direction of connection conductor/pcb: 0 °, color: multicolor

Terminal block for printed circuit board, nominal current: 41 A, dimensioning voltage (III/2): 1000 V, nominal cross-section: 6 mm<sup>2</sup>, Number of potentials: 3, Number of rows: 1, Number of poles per row: 3, article family: PLH 5/, pitch: 7.5 mm, connection type: Spring push lock connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0°, Color: Multicolor, Packing Type: Boxed Packed

Printed circuit board terminal, rated current: 41 A, rated voltage (III/2): 1000 V, rated cross-section: 6 mm<sup>2</sup>, number of potentials: 3, number of rows: 1, number of poles per row: 3, article family: PLH 5/, pitch: 7.5 mm, connection type: Push lock spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0°, color: multicolor, Pin arrangement: Zigzag M pins, number of solder pins per potential: 1, packaging 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

Technical dataItem PropertiesProduct Type Printed Circuit Board Terminal

Product Family PLH 5/

Product Line COMBICON Terminals L

Number of poles 3

Step 7.5 mm

Number of connections 3

Number of rows 1  
Number of potentials 3  
Pin Design M zigzag pins  
Number of Solder Pins Per Potential 1  
Data Maintenance Status  
Article Review 02  
Electrical PropertiesNominal Current IN 41 A  
Nominal voltage UN 1000 V  
Sizing voltage (III/3) 1000 V  
Dimensioning transient voltage (III/3) 8 kV  
Dimensioning voltage (III/2) 1000 V  
Dimensioning Transient Voltage (III/2) 8 kV  
Nominal voltage (II/2) 1000 V  
Dimensioning transient voltage (II/2) 6 kV  
Connection dataConnection technology  
Nominal Section 6 mm<sup>2</sup>  
Connecting Conductors  
Connection type Push lock spring connection  
Connection direction of the conductor with respect to the plug direction 0 °  
Rigid conductor section 0.2 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
Flexible conductor section 0.2 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
AWG Conductor Section 24 ... 10  
Flexible conductor section with toe cap, without plastic sleeve 0.2 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
Flexible conductor section with toe cap, with plastic sleeve 0.2 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
2 conductors with the same cross-section, flexible with TWIN toe cap with plastic sleeve 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Peel Length 12 mm  
assemblyType of mounting Wave soldering  
Pin Design M zigzag pins  
Material DataMaterial data - contact  
Observation WEEE/RoHS compliant, filament-free according to IEC 60068-2-82/JEDEC JESD 201  
Contact material Cu Alloy  
Surface Characteristics Galvanically tinned  
Me...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLH 5/ 3-7,5-ZF MCRD/WH/BK 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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