

INDUSTRIAL COMPONENT DATA

PLH 5/ 4-7,5-ZF MCBU/RD BD:-,+ 1712093 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLH 5/ 4-7,5-ZF MCBU/RD BD:-,+



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLH 5/ 4-7,5-ZF MCBU/RD BD:-,+
Catalog number	1712093
Category	Printed circuit board terminal
Minimum order	25 Pcs
Document ID	EO-6F2E0BCC80
Generated	2026-08-05

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 41 A, dimensioning voltage (III/2): 1000 V, nominal cross-section: 6 mm², Number of potentials: 4, Number of rows: 1, Number of poles per row: 4, article family: PLA 5/, pitch: 7.5 mm, connection type: Spring push lock connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0°, color: multicolor, Pin arrangement: Double linear pin arrangement, Pin length [P]: 3.6 mm, 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 > PCB Connectors (PCC)

Additional Product Information

Key Commercial Data

Orderkey 1712093

Packing unit 1

GTIN 4055626275697

Custom tariff number 85369010

Dimensions

Pitch 7.5 mm

Dimension a 22.5 mm

Solder pin [P] 3.6 mm

Pin spacing 12.5 mm

Hole diameter 2 mm

General

Range of articles PLA 5/

Insulating material group I

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 1000 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Nominal current IN 41 A

Nominal cross section 6 mm²

Insulating material PA

Solder pin surface

Flammability rating according to UL 94 V0

Stripping length 12 mm

Number of positions 4

Connection dataConductor cross section solid min. 0.2 mm²Conductor cross section solid max. 6 mm²Conductor cross section flexible min. 0.2 mm²Conductor cross section flexible max. 6 mm²Conductor cross section flexible, with ferrule without plastic sleeve min. 0.2 mm²Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm²Conductor cross section flexible, with ferrule with plastic sleeve min. 0.2 mm²Conductor cross section flexible, with ferrule with plastic sleeve max. 6 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 10

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm²2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 2.5 mm²**Standards and Regulations**

Flammability rating according to UL 94 V0

Environmental Product C...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLH 5/ 4-7,5-ZF MCBU/RD BD:-,+ 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.