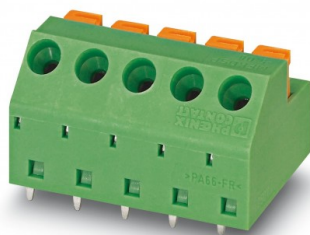


## INDUSTRIAL COMPONENT DATA

# MFKDSP/ 7-5,08 BD:90-78 SO 1717589 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: MFKDSP/ 7-5,08 BD:90-78 SO



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MFKDSP/ 7-5,08 BD:90-78 SO     |
| Catalog number  | 1717589                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 1 Pcs                          |
| Document ID     | EO-ADE0B07DD6                  |
| Generated       | 2026-08-05                     |

## Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 12 A, dimensioning voltage (III/2): 320 V, nominal cross-section: 1 mm<sup>2</sup>, Number of potentials: 7, Number of rows: 1, Number of poles per row: 7, article family: MFKDSP, pitch: 5.08 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 45 °, color: green, Pin arrangement: Double linear pin arrangement, Pin length [P]: 3.3 mm, packaging type: boxed

Printed circuit board terminal, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 1 mm<sup>2</sup>, number of potentials: 7, number of rows: 1, number of positions per row: 7, product range: MFKDSP, pitch: 5.08 mm, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, Pin layout: Linear double pinning, Solder pin [P]: 3.3 mm, number of solder pins per potential: 2, 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 type Printed circuit board terminal

Product family MFKDSP

Product line COMBICON Terminals S

Type PC termination block

Number of positions 7

Pitch 5.08 mm

Number of connections 7

Number of rows 1  
Number of potentials 7  
Pin layout Linear double pinning  
Solder pins per potential 2  
Data management status  
Article revision 01  
Electrical propertiesNominal current IN 12 A  
Nominal voltage UN 320 V  
Rated voltage (III/3) 250 V  
Rated surge voltage (III/3) 4 kV  
Rated voltage (III/2) 320 V  
Rated surge voltage (III/2) 4 kV  
Rated voltage (II/2) 630 V  
Rated surge voltage (II/2) 4 kV  
Connection dataConnection technology  
Type PC termination block  
Nominal cross section 1 mm<sup>2</sup>  
Conductor connection  
Connection method Push-in spring connection  
Conductor cross section rigid 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 1 mm<sup>2</sup>  
Conductor cross section AWG 24 ... 16  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
Stripping length 10 mm  
MountingMounting type Wave soldering  
Pin layout Linear double pinning  
Material specificationsMaterial data - contact  
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  
Contact material Steel/copper  
Surface characteristics Tin-plated  
Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)  
Metal surface terminal point (middle layer) Copper (2 - 5....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MFKDSP/ 7-5,08 BD:90-78 SO 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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