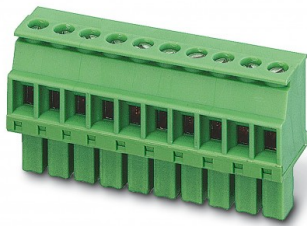


## INDUSTRIAL COMPONENT DATA

# MCVW 1,5/ 2-ST-3,81-A 35 BD42 1090350 PHOENIX CONTACT

## Connector for printed circuit board, nominal current: ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCVW 1,5/ 2-ST-3,81-A 35 BD42



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | MCVW 1,5/ 2-ST-3,81-A 35 BD42 |
| Catalog number  | 1090350                       |
| Category        | Cable connector               |
| Minimum order   | 1000 Pcs                      |
| Document ID     | EO-53A54C429B                 |
| Generated       | 2026-08-05                    |

### Product Overview

Connector for printed circuit board, nominal current: 8 A, number of poles: 2, pitch: 3,81 mm, type of connection:

Connection by screw with capsule-traction, color: grey, surface contacts: Tin

Connector for printed circuit board, nominal section: 1.5 mm<sup>2</sup>, color: luminous gray, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 2, family of articles: MCVW 1.5/.. -ST, pitch: 3.81 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor connection direction/printed circuit board: -90 °, plug-in system: COMBICON MC 1.5, lock: without, fixing type: without, packaging type: boxed

PCB connector, nominal cross-section: 1.5 mm<sup>2</sup>, colour: light grey, rated current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact type: socket, number of rows: 1, number of poles: 2, article family: MCVW 1.5/.. -ST, Pitch: 3.81 mm, Connection type: Screw connection with pull sleeve, Screw attack shape: L Longitudinal slot, Connection direction conductor/board: -90 °, Plug-in system: COMBICON MC 1.5, Locking: without, Mounting type: without, Packaging type: packed in a 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 dataItem propertiesProduct Type PCB Connectors

Product family MCVW 1.5/.. -ST

Product Line COMBICON Connectors S

Number of poles 2

Grid dimension 3.81 mm  
Number of rows 1  
Data maintenance status  
Article revision 00  
Electrical propertiesNominal current IN 8 A  
Rated voltage UN 160 V  
Contact resistance 3.7 m?  
Rated voltage (III/3) 160 V  
Rated Surge Voltage (III/3) 2.5 kV  
Rated voltage (III/2) 160 V  
Rated Surge Voltage (III/2) 2.5 kV  
Rated voltage (II/2) 320 V  
Rated Surge Voltage (II/2) 2.5 kV  
Connection dataConnection technology  
Design Standard  
Connector system COMBICON MC 1.5  
Nominal cross-section 1.5 mm<sup>2</sup>  
Contact type Socket  
Locking  
Lock type without  
Mounting Flange without  
Conductor connection  
Connection type Screw connection with pull sleeve  
Connection direction conductor/circuit board -90 °  
Conductor cross-section rigid 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Flexible conductor cross-section 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross-section AWG 28 ... 16  
Flexible conductor cross-section with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Flexible conductor cross-section with ferrule with plastic sleeve 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
2 conductors of the same cross-section rigid 0.08 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
2 conductors of the same cross-section flexible 0.08 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
2 conductors of the same cross-section flexible with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 0.34 mm<sup>2</sup>  
2 conductors of the same cross-section flexible with TWIN ferrule with plastic sleeve 0.5 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
Gauge mandrel a x....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCVW 1,5/ 2-ST-3,81-A 35 BD42 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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