

## INDUSTRIAL COMPONENT DATA

# MVSTBW 2,5 HC/ 4-ST-5,08 1912867 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MVSTBW 2,5 HC/ 4-ST-5,08



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | MVSTBW 2,5 HC/ 4-ST-5,08 |
| Catalog number  | 1912867                  |
| Category        | Cable connector          |
| Minimum order   | 50 Pcs                   |
| Document ID     | EO-910843AD58            |
| Generated       | 2026-07-28               |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: green, nominal current: 16 A (see derating curve), nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of articles: MVSTBW 2.5 HC/.. -ST, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal groove, connection direction conductor/printed circuit board: -90 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5 HC, locking: without, fixing type: without, packaging type: boxed

Conductive plate connector, nominal cross-section: 2.5 mm<sup>2</sup>, colour: green, nominal current: 16 A (see derating curve), reference voltage (III/2): 320 V, contact area: Sn, contact type: Female connector, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, item range: MVSTBW 2.5 HC/.. -ST, pitch: 5.08 mm, connection type: Screwed connection with ring, screw driving surface: L Longitudinal slot, conductor/PCB plugging direction: -90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2.5 HC, locking: without, fastening type: without, 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

Key Commercial Data

Orderkey 1912867

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4017918191573

Weight per Piece (excluding packing) 8.390 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [ l ] 12.6 mm

Width [ w ] 20.32 mm

Height [ h ] 26 mm

Pitch 5.08 mm

Dimension a 15.24 mm

General

Range of articles MVSTBW 2,5 HC/...-ST

Number of positions 4

Connection method Screw connection with tension sleeve

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current IN 16 A (see derating curve)

Nominal cross section 2.5 mm<sup>2</sup>

Maximum load current 16 A

Insulating material PA

Flammability rating according to UL 94 V0

Internal cylindrical gage A3

Stripping length 7 mm

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section solid min. 0.2 mm<sup>2</sup>

Conductor cross section solid max. 2.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferr...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MVSTBW 2,5 HC/ 4-ST-5,08 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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