

## INDUSTRIAL COMPONENT DATA

# UMSTBVK 2,5/20-GF-5,08 1788101 PHOENIX CONTACT

## Plug-in block

Brand: PHOENIX CONTACT | Manufacturer Part Number: UMSTBVK 2,5/20-GF-5,08



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | UMSTBVK 2,5/20-GF-5,08      |
| Catalog number  | 1788101                     |
| Category        | Feed-through terminal block |
| Minimum order   | 50 Pcs                      |
| Document ID     | EO-99EBC365BE               |
| Generated       | 2026-08-05                  |

## Product Overview

### Plug-in block

Rail connector, nominal section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 20, number of rows: 1, number of poles: 20, number of connections: 20, article family: UMSTBVK 2.5/.. -GF, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, mounting: Rail, driver/printed circuit board connection direction: 0 °, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, lock: Screw lock, Attachment Type: Overhead Clamping (Thread), Packing Type: Boxed Packed

## 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 1788101

Packing unit 50 pc

Catalog page Page 205 (CC-2005)

GTIN 4017918043162

Weight per Piece (excluding packing) 52.340 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [ l ] 34.6 mm

Width [ w ] 112.92 mm

Height [ h ] 42.5 mm

Pitch 5.08 mm

Dimension a 96.52 mm

General

Range of articles UMSTBVK 2,5/...-GF

Number of positions 20

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) 320 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 12 A

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

Maximum load current 12 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 ferrule with plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor c...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UMSTBVK 2,5/20-GF-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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