

## INDUSTRIAL COMPONENT DATA

## UPBV 2,5/ 1-L BU 3045321 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: UPBV 2,5/ 1-L BU



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | UPBV 2,5/ 1-L BU         |
| Catalog number  | 3045321                  |
| Category        | Terminal block connector |
| Minimum order   | 50 Pcs                   |
| Document ID     | EO-C9BD1CE988            |
| Generated       | 2026-08-03               |

## Product Overview

## Plug

Connector, rated voltage: 500 V, rated current: 24 A, number of poles: 1, connection type: Screw connection, Sizing cross-section: 2.5 mm<sup>2</sup>, cross-section: 0.14 mm<sup>2</sup>- 4 mm<sup>2</sup>, color: blue

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification &amp; Catalog Path

|              |                               |
|--------------|-------------------------------|
| Catalog path | PHOENIX CONTACT > Modular TBs |
|--------------|-------------------------------|

## Additional Product Information

## Key Commercial Data

Orderkey 3045321

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

Catalog page Page 343 (C-1-2017)

GTIN 4046356055536

Weight per Piece (excluding packing) 5.230 g

Custom tariff number 85366990

Country of origin TR (Turkey)

## General

Number of positions 1

Number of levels 1

Number of connections 1

**Potentials 1**

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

Color blue

Insulating material PA

Flammability rating according to UL 94 V0

Maximum load current 24 A (with 4 mm<sup>2</sup> conductor cross section)

Rated surge voltage 6 kV

Degree of pollution 3

Overvoltage category III

Insulating material group I

Maximum power dissipation for nominal condition 0.77 W

Maximum load current 24 A (with 4 mm<sup>2</sup> conductor cross section)

Nominal current I<sub>N</sub> 24 A

Nominal voltage U<sub>N</sub> 500 V

Relative insulation material temperature index (Elec., UL 746 B) 130 °C

Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C

Static insulating material application in cold -60 °C

Behavior in fire for rail vehicles (DIN 5510-2) Test passed

Flame test method (DIN EN 60695-11-10) V0

Oxygen index (DIN EN ISO 4589-2) >32 %

NF F16-101, NF F10-102 Class I 2

NF F16-101, NF F10-102 Class F 2

Surface flammability NFPA 130 (ASTM E 162) passed

Specific optical density of smoke NFPA 130 (ASTM E 662) passed

Smoke gas toxicity NFPA 130 (SMP 800C) passed

Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg

Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3

Fir...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / UPBV 2,5/ 1-L BU 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

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.