

## Plug - UPBV 2,5/ 9 - 3045473

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Plug, Connection method: Screw connection, Number of positions: 9, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 46.8 mm, Height: 47 mm, Color: gray

The illustration shows the 6-position version

### Why buy this product

- Can be bridged with FBS ... standard bridges
- Large-surface labeling option
- Practical coding option
- The connected conductors can be led directly into the cable duct to save space

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 25 STK                                                                                                  |
| GTIN                                 | <br>4 046356 055680 |
| Weight per Piece (excluding packing) | 47.4 g                                                                                                  |
| Weight per piece (including packing) | 47.4 g                                                                                                  |
| Country of origin                    | Poland                                                                                                  |

### Technical data

#### General

|                                        |                                                       |
|----------------------------------------|-------------------------------------------------------|
| Number of positions                    | 9                                                     |
| Number of levels                       | 1                                                     |
| Number of connections                  | 9                                                     |
| Potentials                             | 1                                                     |
| Nominal cross section                  | 2.5 mm <sup>2</sup>                                   |
| Color                                  | gray                                                  |
| 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                                                   |

# Plug - UPBV 2,5/ 9 - 3045473

## Technical data

### General

|                                |                                                       |
|--------------------------------|-------------------------------------------------------|
| Insulating material group      | I                                                     |
| 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                                                 |

### Dimensions

|        |          |
|--------|----------|
| Width  | 46.8 mm  |
| Length | 20.5 mm  |
| Height | 47 mm    |
|        | 32.20 mm |
| Pitch  | 5.20 mm  |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Connection method                                                                       | Screw connection     |
| Connection in acc. with standard                                                        | IEC 61984            |
| Conductor cross section solid min.                                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 4 mm <sup>2</sup>    |
| Conductor cross section AWG min.                                                        | 26                   |
| Conductor cross section AWG max.                                                        | 12                   |
| Conductor cross section flexible min.                                                   | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible max.                                                   | 4 mm <sup>2</sup>    |
| Min. AWG conductor cross section, flexible                                              | 26                   |
| Max. AWG conductor cross section, flexible                                              | 12                   |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.14 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.                 | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.                                        | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                        | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 mm <sup>2</sup>  |
| Stripping length                                                                        | 9 mm                 |
| Internal cylindrical gage                                                               | A3                   |
| Screw thread                                                                            | M3                   |
| Tightening torque, min                                                                  | 0.5 Nm               |

# Plug - UPBV 2,5/ 9 - 3045473

## Technical data

### Connection data

|                       |        |
|-----------------------|--------|
| Tightening torque max | 0.6 Nm |
|-----------------------|--------|

### Standards and Regulations

|                                        |           |
|----------------------------------------|-----------|
| Connection in acc. with standard       | CUL       |
|                                        | IEC 61984 |
| Flammability rating according to UL 94 | V0        |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141151 |
| eCl@ss 9.0 | 27141151 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC002021 |
| ETIM 5.0 | EC002021 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211802 |
| UNSPSC 7.0901 | 39121402 |
| UNSPSC 11     | 39121402 |
| UNSPSC 12.01  | 39121402 |
| UNSPSC 13.2   | 39121402 |

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

# Plug - UPBV 2,5/ 9 - 3045473

## Approvals

Approvals submitted

### Approval details

| UL Recognized  |       |       |       |       |
|-------------------------------------------------------------------------------------------------|-------|-------|-------|-------|
|                                                                                                 |       | B     | C     | D     |
| mm²/AWG/kcmil                                                                                   | 26-12 | 26-12 | 26-12 | 26-12 |
| Nominal current I <sub>N</sub>                                                                  | 20 A  | 20 A  | 20 A  | 5 A   |
| Nominal voltage U <sub>N</sub>                                                                  | 600 V | 300 V | 300 V | 600 V |

| cUL Recognized  |       |       |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|-------|-------|
|                                                                                                  |       | B     | C     | D     |
| mm²/AWG/kcmil                                                                                    | 26-12 | 26-12 | 26-12 | 26-12 |
| Nominal current I <sub>N</sub>                                                                   | 20 A  | 20 A  | 20 A  | 5 A   |
| Nominal voltage U <sub>N</sub>                                                                   | 600 V | 300 V | 300 V | 600 V |

|     |
|-----|
| EAC |
|-----|

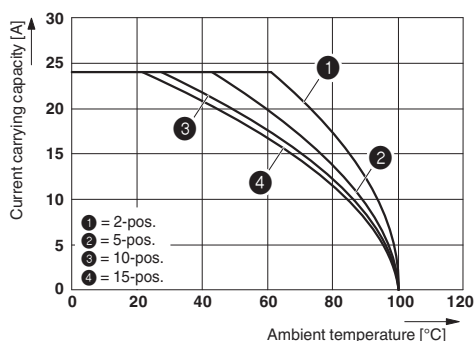
|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| cULus Recognized  |
|------------------------------------------------------------------------------------------------------|

## Drawings

### Circuit diagram



### Diagram



The figure shows the derating curve of the UT 2,5/1P... terminal block in connection with the UPBV 2,5 plug

Phoenix Contact 2016 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9