

## Plug - UPBV 4/ 1-M BU - 3045758

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Plug, Connection method: Screw connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 26 - 10, Width: 6.2 mm, Height: 48.5 mm, Color: blue

Illustration shows various versions of the product (left, center and right element) in different color combinations

### Product description

Connector element center, left housing with engagement pin, right opened without cover

### Product Features

- ✓ The COMBI plugs for self-assembly provide solutions that users can implement themselves
- ✓ The screw plugs can be combined with COMBI terminal blocks with all forms of connection technology and are available in two versions
- ✓ Can be bridged with FBS ... standard bridges
- ✓ The plugs are assembled directly on site by snapping together single-position plug elements
- ✓ The connected conductors can be led directly into the cable duct to save space



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 1      |
| Weight per Piece (excluding packing) | 6.44 GRM |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Poland   |

### Technical data

#### General

|                                         |      |
|-----------------------------------------|------|
| Number of levels                        | 1    |
| Number of connections                   | 1    |
| Color                                   | blue |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V0   |

# Plug - UPBV 4/ 1-M BU - 3045758

## Technical data

### General

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| Maximum load current             | 32 A (with 6 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage              | 8 kV                                                  |
| Pollution degree                 | 3                                                     |
| Surge voltage category           | III                                                   |
| Insulating material group        | I                                                     |
| Connection in acc. with standard | IEC 61984                                             |
| Nominal current I <sub>N</sub>   | 32 A                                                  |
| Nominal voltage U <sub>N</sub>   | 800 V                                                 |
| Number of positions              | 1                                                     |

### Dimensions

|        |         |
|--------|---------|
| Width  | 6.2 mm  |
| Length | 22 mm   |
| Height | 48.5 mm |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 6 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                                  | 26                   |
| Conductor cross section AWG/kcmil max.                                                  | 10                   |
| Conductor cross section stranded min.                                                   | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                   | 6 mm <sup>2</sup>    |
| Min. AWG conductor cross section, stranded                                              | 26                   |
| Max. AWG conductor cross section, stranded                                              | 10                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 4 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>  |

## Plug - UPBV 4/ 1-M BU - 3045758

### Technical data

#### Connection data

|                           |                  |
|---------------------------|------------------|
| Connection method         | Screw connection |
| Stripping length          | 9 mm             |
| Internal cylindrical gage | A4               |
| Screw thread              | M3               |
| Tightening torque, min    | 0.6 Nm           |
| Tightening torque max     | 0.8 Nm           |

### 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 | 27141120 |

#### 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

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UL Recognized / cUL Recognized / cULus Recognized

## Plug - UPBV 4/ 1-M BU - 3045758

### Approvals

Ex Approvals

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Approvals submitted

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#### Approval details

| UL Recognized  |       |       |
|-------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                 | B     | C     |
| mm²/AWG/kcmil                                                                                   | 26-10 | 26-10 |
| Nominal current I <sub>N</sub>                                                                  | 30 A  | 30 A  |
| Nominal voltage U <sub>N</sub>                                                                  | 600 V | 600 V |

| cUL Recognized  |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                    | B     | C     |
| mm²/AWG/kcmil                                                                                      | 26-10 | 26-10 |
| Nominal current I <sub>N</sub>                                                                     | 30 A  | 30 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 600 V | 600 V |

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

### Accessories

Accessories

Bridge

Plug-in bridge - FBS 2-6 - 3030336



Plug-in bridge, Number of positions: 2, Color: red

## Plug - UPBV 4/ 1-M BU - 3045758

### Accessories

Plug-in bridge - FBS 3-6 - 3030242



Plug-in bridge, Number of positions: 3, Color: red

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Plug-in bridge - FBS 4-6 - 3030255



Plug-in bridge, Number of positions: 4, Color: red

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Plug-in bridge - FBS 5-6 - 3030349



Plug-in bridge, Number of positions: 5, Color: red

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Plug-in bridge - FBS 10-6 - 3030271



Plug-in bridge, Number of positions: 10, Color: red

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### End cover

Flange cover - DF-UPBV 2,5/ 4 - 3060432



Flange cover, Length: 45.7 mm, Width: 4.5 mm, Height: 32 mm, Color: gray

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## Plug - UPBV 4/ 1-M BU - 3045758

### Accessories

Spacer plate - DP PS-6 - 3036738



Spacer plate, Color: red

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### Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663



Insulating sleeve, Color: white

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Insulating sleeve - MPS-IH RD - 0201676



Insulating sleeve, Color: red

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Insulating sleeve - MPS-IH BU - 0201689



Insulating sleeve, Color: blue

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Insulating sleeve - MPS-IH YE - 0201692



Insulating sleeve, Color: yellow

## Plug - UPBV 4/ 1-M BU - 3045758

### Accessories

Insulating sleeve - MPS-IH GN - 0201702



Insulating sleeve, Color: green

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Insulating sleeve - MPS-IH GY - 0201728



Insulating sleeve, Color: gray

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Insulating sleeve - MPS-IH BK - 0201731



Insulating sleeve, Color: black

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### Mounting material

Latching - UPRZ - 3045570



Latching, Number of positions: 2, Color: orange

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Latching - UPR/ 2 - 3045567



Latching, Number of positions: 2, Color: orange

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## Plug - UPBV 4/ 1-M BU - 3045758

### Accessories

Strain relief - UPZ/ 2 - 3045554



Strain relief, Number of positions: 2, Color: black

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### Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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### Shield connection

Shield connection clamp - PSH 3- 6 - 3040591



Shield connection clamp, Color: black

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Shield connection clamp - PSH 5-10 - 3040601



Shield connection clamp, Color: black

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### Test plug terminal block

## Plug - UPBV 4/ 1-M BU - 3045758

### Accessories

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

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Test adapter - PAI-4-N GY - 3032871



Test adapter, Color: gray

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Test adapter - PS-6 - 3030996



Test adapter, Color: red

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Test plugs - PS-6/2,3MM RD - 3038736



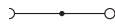
Test plugs, Color: red

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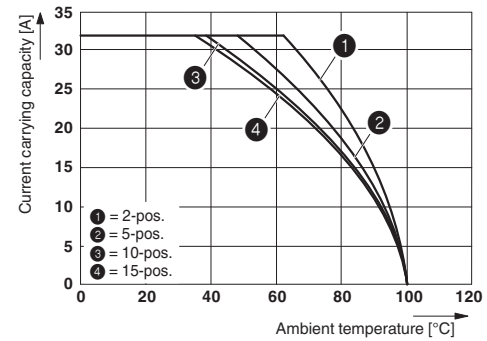
### Drawings

## Plug - UPBV 4/ 1-M BU - 3045758

Circuit diagram

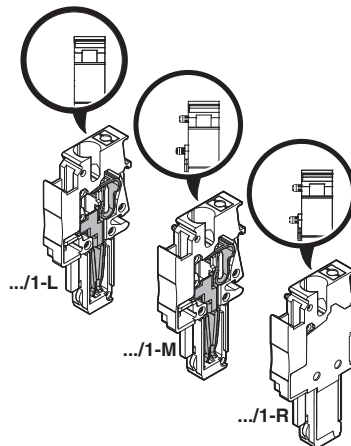


Diagram



The figure shows the derating curve of the UT 4/1P... terminal block in connection with the UPVB 4 plug

Schematic diagram



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- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
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## JONHON

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