

## Plug - UPBV 2,5/ 1-M BU - 3045350

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Plug, Connection method: Screw connection, Number of positions: 1, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Height: 47 mm, Color: blue

### 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

package_quantity	50
GTIN	4046356055567

### Technical data

#### General

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

#### General

Maximum load current	24 A (with 4 mm <sup>2</sup> conductor cross section)
Rated surge voltage	6 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>	24 A
Nominal voltage U <sub>N</sub>	500 V
Number of positions	1

# Plug - UPBV 2,5/ 1-M BU - 3045350

## Technical data

### Dimensions

<b>Width</b>	5.2 mm
<b>Length</b>	20.5 mm
<b>Height</b>	47 mm

### Connection data

<b>Conductor cross section solid min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	26
<b>Conductor cross section AWG/kcmil max</b>	12
<b>Conductor cross section stranded min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	4 mm <sup>2</sup>
<b>Min. AWG conductor cross section, stranded</b>	26
<b>Max. AWG conductor cross section, stranded</b>	12
<b>Conductor cross section stranded, with ferrule without plastic sleeve min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule without plastic sleeve max.</b>	2.5 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve min.</b>	0.14 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve max.</b>	2.5 mm <sup>2</sup>
<b>2 conductors with same cross section, solid min.</b>	0.14 mm <sup>2</sup>
<b>2 conductors with same cross section, solid max.</b>	1.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded min.</b>	0.14 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded max.</b>	1.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.</b>	0.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.</b>	1 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.</b>	0.14 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.</b>	1.5 mm <sup>2</sup>
<b>Connection method</b>	Screw connection
<b>Stripping length</b>	9 mm
<b>Internal cylindrical gage</b>	A3
<b>Screw thread</b>	M3
<b>Tightening torque, min</b>	0.5 Nm
<b>Tightening torque max</b>	0.6 Nm

## classifications

eCl@ss

<b>eCl@ss 4.0</b>	272607xx
<b>eCl@ss 4.1</b>	27260701

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## classifications

### eCl@ss

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

UL Recognized / cUL Recognized / cULus Recognized /


### Approval details

<b>UL Recognized</b>				
Usegroups	B	C	D	
Nominal voltage UN	300 V	300 V	600 V	600 V
Nominal current IN	20 A	20 A	5 A	20 A
mm <sup>2</sup> /AWG/kcmil	26-12	26-12	26-12	26-12

<b>cUL Recognized</b>				
Usegroups	B	C	D	
Nominal voltage UN	300 V	300 V	600 V	600 V
Nominal current IN	20 A	20 A	5 A	20 A
mm <sup>2</sup> /AWG/kcmil	26-12	26-12	26-12	26-12

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approvals

cULus Recognized  US

accessories

**Mounting material**

UPRZ - 3045570



UPR/ 2 - 3045567



UPZ/ 2 - 3045554



**Shield connection**

PSH 3- 6 - 3040591



## Plug - UPBV 2,5/ 1-M BU - 3045350

accessories

PSH 5-10 - 3040601



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### Screwdriver tools

SZS 0,6X3,5 - 1205053



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### End cover

DF-UPBV 2,5/ 4 - 3060432



DP PS-5 - 3036725



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### Bridge

FBS 2-5 - 3030161



# Plug - UPBV 2,5/ 1-M BU - 3045350

## accessories

FBS 3-5 - 3030174



FBS 4-5 - 3030187



FBS 5-5 - 3030190



FBS 10-5 - 3030213



FBS 20-5 - 3030226



FBS 50-5 - 3038930



## Plug - UPBV 2,5/ 1-M BU - 3045350

accessories

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### Test plug terminal block

MPS-MT - 0201744



PAI-4-N GY - 3032871



PS-5 - 3030983



PS-5/2,3MM RD - 3038723



### Insulating sleeve

MPS-IH WH - 0201663



# Plug - UPBV 2,5/ 1-M BU - 3045350

## accessories

MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



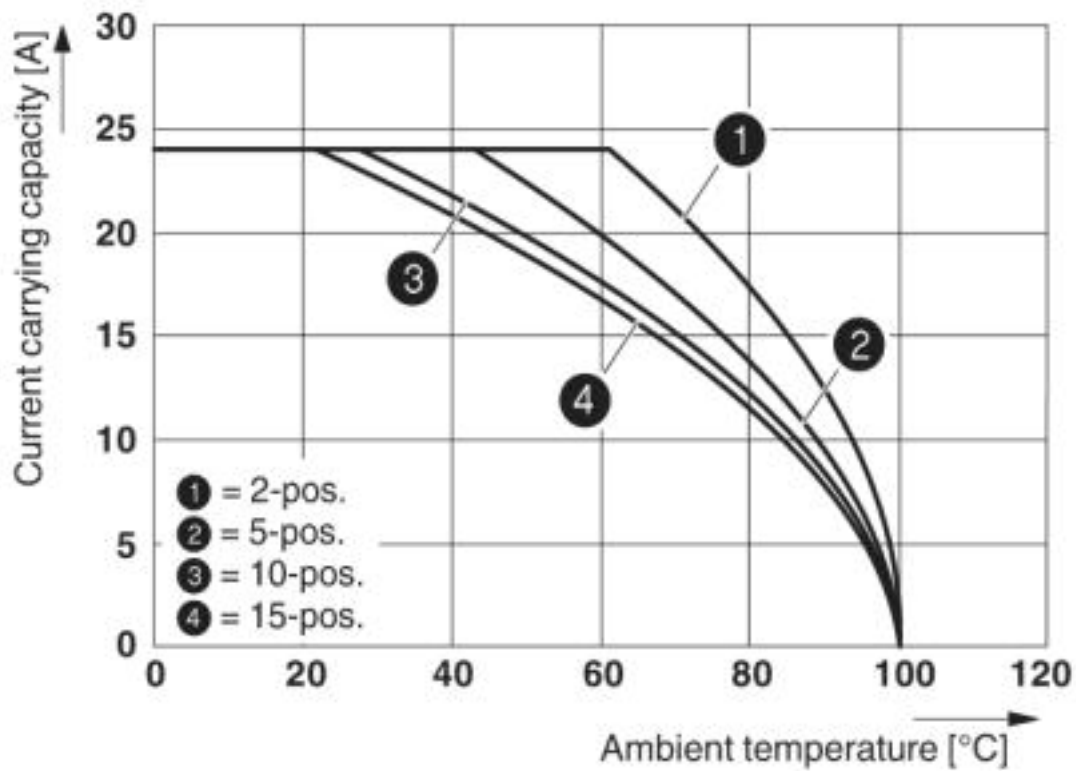


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accessories

## Drawings

Diagram



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

Circuit diagram



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Schematic diagram

