

Plug - UPBV 4/ 1-M BU - 3045758

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://download.phoenixcontact.com>)



Plug, Connection method: Screw connection, Number of positions: 1, Cross section: 0.14 mm² - 6 mm², 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

package_quantity	50
GTIN	4046356083270

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	32 A (with 6 mm ² 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

Plug - UPBV 4/ 1-M BU - 3045758

Technical data

General

Nominal current I_N	32 A
Nominal voltage U_N	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 ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	6 mm ²
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 ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm ²
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
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

Plug - UPBV 4/ 1-M BU - 3045758

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

UL Recognized / cUL Recognized / cULus Recognized /

Approval details

UL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	30 A	30 A
mm²/AWG/kcmil	26-10	26-10

cUL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	30 A	30 A
mm²/AWG/kcmil	26-10	26-10

Plug - UPBV 4/ 1-M BU - 3045758

approvals

cULus Recognized  US

accessories

Mounting material

UPRZ - 3045570



UPR/ 2 - 3045567



UPZ/ 2 - 3045554



Shield connection

PSH 3- 6 - 3040591



Plug - UPBV 4/ 1-M BU - 3045758

accessories

PSH 5-10 - 3040601



Screwdriver tools

SZS 0,6X3,5 - 1205053



End cover

DF-UPBV 2,5/ 4 - 3060432



DP PS-6 - 3036738



Bridge

FBS 2-6 - 3030336



Plug - UPBV 4/ 1-M BU - 3045758

accessories

FBS 3-6 - 3030242



FBS 4-6 - 3030255



FBS 5-6 - 3030349



FBS 10-6 - 3030271



Test plug terminal block

MPS-MT - 0201744



Plug - UPBV 4/ 1-M BU - 3045758

accessories

PAI-4-N GY - 3032871



PS-6 - 3030996



PS-6/2,3MM RD - 3038736



Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



Plug - UPBV 4/ 1-M BU - 3045758

accessories

MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



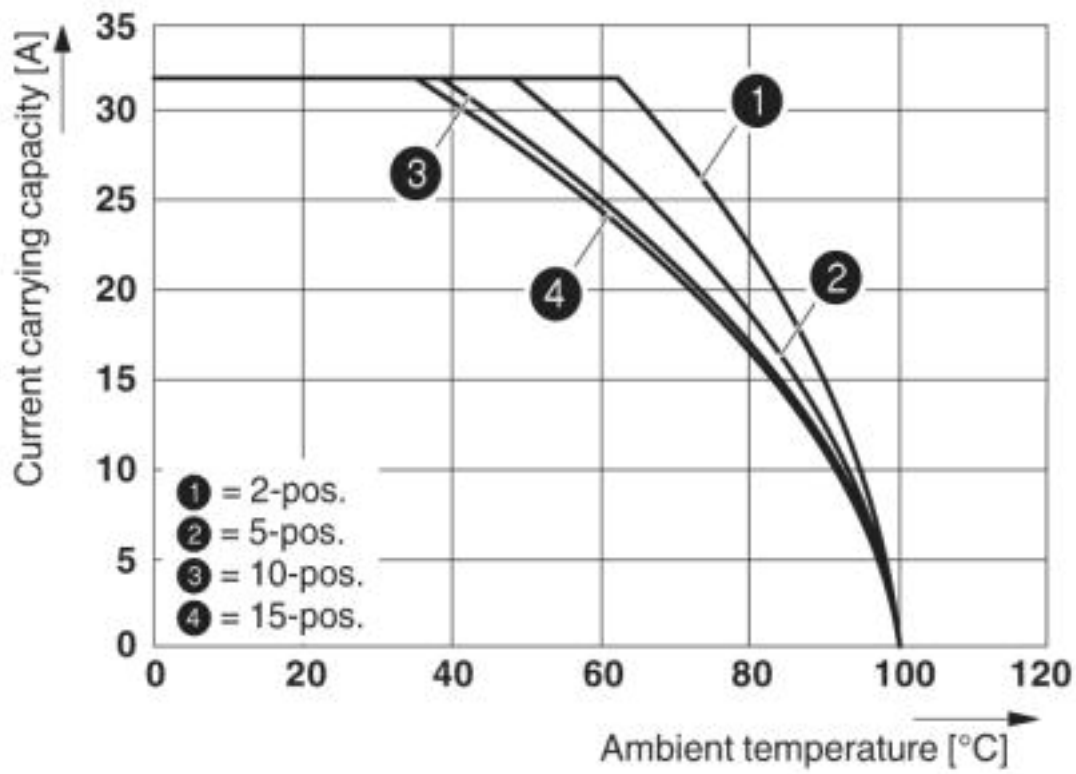
MPS-IH BK - 0201731



Drawings

Plug - UPBV 4/ 1-M BU - 3045758

Diagram



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

Circuit diagram



Plug - UPBV 4/ 1-M BU - 3045758

Schematic diagram

