

## WPD 131 1X95/1X95 BL

Weidmüller Interfaces GmbH & Co. KG

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### Product image



Klippon® Connect power feed-in terminal blocks WPD allow for an easy and safe installation of aluminium and copper conductors on a small footprint. A power supply or monitoring connection can also be used as an option. Customers can use the power feed-in terminal blocks WPD, regardless of the conductor material. They can be mounted either directly or on DIN rail TS35.

### General ordering data

Version	W-Series, Distribution block, Rated cross-section: 95 mm <sup>2</sup> , Terminal rail / mounting plate
Order No.	<a href="#">2502660000</a>
Type	WPD 131 1X95/1X95 BL
GTIN (EAN)	4050118516487
Qty.	2 pc(s).

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## Technical data

## Dimensions and weights

Depth	57 mm	Depth (inches)	2.244 inch
Height	93 mm	Height (inches)	3.661 inch
Width	28 mm	Width (inches)	1.102 inch
Net weight	96 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

## Material data

Material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

## Rating data IECEx/ATEX

Certificate No. (ATEX)	CNEX18ATEX0016U	Certificate No. (IECEX)	IECEXNEX18.0010U
Max. voltage (ATEX)	880 V	Current (ATEX)	232 A
Wire cross section max. (ATEX)	95 mm <sup>2</sup>	Max. voltage (IECEX)	880 V
Current (IECEX)	232 A		

## System specifications

Version	Screw connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No

## Additional technical data

Installation advice	Terminal rail / mounting plate	Type of mounting	Snap-on
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## General

Installation advice	Terminal rail / mounting plate	Number of poles	1
Standards	IEC 60947-7-1, UL 1059, CSA		

## Rating data

Rated cross-section	95 mm <sup>2</sup>	Rated voltage	1,000 V
Rated AC voltage	1,000 V AC	Rated DC voltage	1,000 V DC
Rated current	232 A	Standards	IEC 60947-7-1, UL 1059, CSA
Volume resistance according to IEC 60947-7-x	0.14 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	7.42 W	Short-time withstand current resistance	8/20μs with 50 kA
Pollution severity	3	Surge voltage category	III

## UL rating data

Certificate No. (cURus)	E60693
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Creation date March 13, 2023 8:50:21 AM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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**Technical data**

**Classifications**

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20

**Important note**

Product information You will find additional information in the downloadsection of the onlinecatalogue

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CB Certificate</a> <a href="#">FIMKO certificate</a> <a href="#">EAC EX Certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">IECEx Certificate</a> <a href="#">DNV Certificate</a> <a href="#">UKCA Ex Certificate</a> <a href="#">CE Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">DATA SHEET WPD 131</a> <a href="#">StorageConditionsTerminalBlocks</a> <a href="#">NTI WPD 131</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

**Data sheet**

**WPD 131 1X95/1X95 BL**

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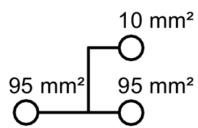
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**Drawings**



## Power feed-in

### Screw connection

#### W-Series

#### WPD 131 1X95/1X95 GY



Width / Height / Depth	mm
max. current / max. conductor	A/mm <sup>2</sup>
max. clamping range	mm <sup>2</sup>

#### Technical data

<b>Rated data</b>	
Rated voltage	V
Rated current	A
for wire cross-section	95 mm <sup>2</sup> mm <sup>2</sup>
	Auxiliary connection 6 mm <sup>2</sup> mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Overvoltage category / UL 94 flammability rating	
Approvals	
<b>Clamped conductors (H05V/H07V)</b>	
Solid / Stranded	95 mm <sup>2</sup> mm <sup>2</sup>
	Auxiliary connection 6 mm <sup>2</sup> mm <sup>2</sup>
Flexible with ferrule	95 mm <sup>2</sup> mm <sup>2</sup>
	Auxiliary connection 6 mm <sup>2</sup> mm <sup>2</sup>
Stripping length / Blade size	95 mm <sup>2</sup> mm/-
	Auxiliary connection 6 mm <sup>2</sup> mm/-
Tightening torque	Nm
<b>Note</b>	

#### Ordering data

<b>Version</b>	
	light grey
	blue
	green
	brown
	black
<b>Note</b>	

#### Accessories

<b>Protective cover</b>	
	light grey
<b>End bracket</b>	
	grey
	black
<b>Screwdriver</b>	
	SET
<b>Identification systems</b>	

#### WPD 131

95 mm<sup>2</sup>

28 / 57 / 93
232 / 95
10...95



#### IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
232	200	200	232
95	AWG 8...3/0	AWG 8...3/0	95
6	AWG 16...8	AWG 16...8	6
8 kV / 3			
III / V-0			

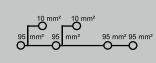
#### Bemessungsanschluss

10...95 / 10...95	
1.5...10 / 1.5...10	
16...70	
1.5...6	
26 / M14 (SW 6)	
10 / M4 (+/- PZ2)	
siehe Anhang am Kapitelende	

#### WPD 231

95 mm<sup>2</sup>

47 / 57 / 93
232 / 95
10...95



#### IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
464	200	200	232
95	AWG 8...3/0	AWG 8...3/0	95
6	AWG 16...8	AWG 16...8	6
8 kV / 3			
III / V-0			













#### Bemessungsanschluss













10...95 / 10...95	
1.5...10 / 1.5...10	
16...70	
1.5...6	
26 / M14 (SW 6)	
10 / M4 (+/- PZ2)	
siehe Anhang am Kapitelende	

B















Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (AL+Cu)

Input (x1) / Output (x1)	Copper		Aluminium	
				
95 mm <sup>2</sup>				
70 mm <sup>2</sup>				
50 mm <sup>2</sup>				
35 mm <sup>2</sup>				
25 mm <sup>2</sup>				
16 mm <sup>2</sup>				
10 mm <sup>2</sup>				
max. current with 2 x 95 mm <sup>2</sup> (acc. to IEC)	464 A		200 A	
Stripping lengths	26 mm			
Allen screw	M14 (SW 6 mm)			

Input (x1) / Output (x1)	Copper		Aluminium	
				
AWG 3/0				
AWG 2/0				
AWG 1/0				
AWG 2				
AWG 4				
AWG 6				
AWG 8				
max. current at 1 x 95 mm <sup>2</sup> (acc. to UL)				
Stripping lengths	26 mm			
Allen screw	M14 (SW 6 mm)			

Auxiliary connection

	Copper		
			
10 mm <sup>2</sup>			
6 mm <sup>2</sup>			
4 mm <sup>2</sup>			
2.5 mm <sup>2</sup>			
1.5 mm <sup>2</sup>			
max. current			57 A
Stripping lengths			10 mm
screw			M4 (+/-PZ2)

	Copper		
			
AWG 8			
AWG 10			
AWG 12			
AWG 14			
AWG 16			
max. current			57 A
Stripping lengths			10 mm
screw			M4 (+/-PZ2)



Diagrams

