

## WPD 111 1X95/4X35 GY

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)



Our WPD 1XX distribution blocks are used in all situations where power is supplied and distributed. Their user-friendly design creates a better overview and enables Rapid, efficient implementation of space-saving power distribution.

### General ordering data

Version	Potential distributor terminal, Screw connection, Light Grey, 95 mm <sup>2</sup> , 232 A, 1000 V, Number of connections: 5, Number of levels: 1
Order No.	<a href="#">2603790000</a>
Type	WPD 111 1X95/4X35 GY
GTIN (EAN)	4050118681284
Qty.	1 items

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## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E60693
Certificate no. (cULus)	E511333

### Dimensions and weights

Depth	69.4 mm	Depth (inches)	2.7323 inch
Height	105 mm	Height (inches)	4.1338 inch
Width	36.6 mm	Width (inches)	1.4409 inch
Net weight	240 g		

### Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...85 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	130 °C

### Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2

### Material data

Basic material	Wemid	Colour	Light Grey
UL 94 flammability rating	V-0		

### System specifications

Version	Screw connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	5	Levels cross-connected internally	No
Mounting rail	TS 35, Mounting plate	N-function	No
PE function	No	PEN function	No

### Additional technical data

Open sides	closed	Snap-on	Yes
Installation advice	Terminal rail / mounting plate	Explosion-tested version	Yes
Type of mounting	Snap-on, Direct mounting		

### Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection
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**Technical data**

**Conductors for clamping (rated connection)**

Wire connection cross section AWG, max.	AWG 4/0	Connection direction	on side
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	5	Clamping range, max.	95 mm <sup>2</sup>
Clamping range, min.	2.5 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 8
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	70 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	0 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	2.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	95 mm <sup>2</sup>
Connection cross-section, stranded, min.	2.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	95 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	2.5 mm <sup>2</sup>		

**General**

Number of poles	1	Wire connection cross section AWG, max.	AWG 4/0
Installation advice	Terminal rail / mounting plate	Wire connection cross section AWG, min.	AWG 8
Standards	IEC 60947-7-1	Mounting rail	TS 35, Mounting plate

**Rating data**

Rated cross-section	95 mm <sup>2</sup>	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1500 V
Nominal current	232 A	Current at maximum wires	232 A
Standards	IEC 60947-7-1	Rated impulse withstand voltage	8 kV
Surge voltage category	III	Pollution severity	3

**UL rating data**

Certificate No. (cURus)	E60693
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**Important note**

Product information	The socket complies with flammability class V-2 according to UL94.
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**Classifications**

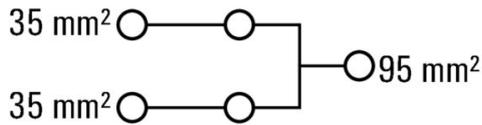
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ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

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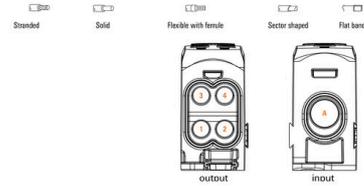
Drawings

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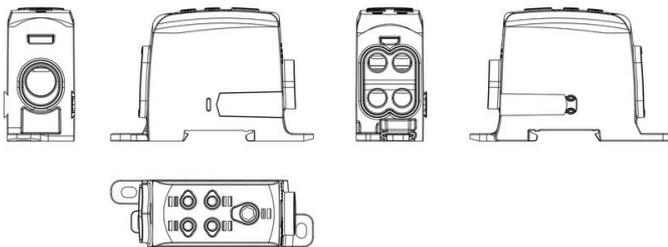
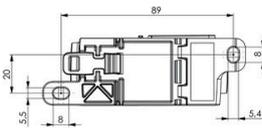
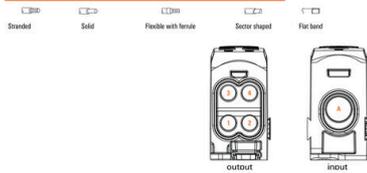
Conductor connection data according to IEC 60947-1 (Cu)

Input	connection point A		Output	connection point A	
	Copper	Aluminum		Copper	Aluminum
1x 95 mm²			1x 35 mm²		
95 mm²			35 mm²		
70 mm²			25 mm²		
50 mm²	14 Nm		18 mm²	6 Nm	6 Nm
35 mm²		14 Nm	10 mm²		
25 mm²			6 mm²		
16 mm²			4 mm²		
10 mm²			2,5 mm²		
Stripping length	21 mm		Stripping length	10 mm	
Allen screw	M12		Allen screw	M6	



Conductor connection data according to 1059 (Al+Cu)

Input (line)	connection point A				Output	connection point 1 / 2 / 3 / 4			
	Copper	Aluminum	Copper	Aluminum		Copper	Aluminum	Aluminum	
AWG 4/0					AWG 2				
AWG 3/0					AWG 3				
AWG 2/0					AWG 4	124.8 lb. in.	124.8 lb. in.	124.8 lb. in.	
AWG 1/0					AWG 6				
AWG 1	200 lb. in.	200 lb. in.	200 lb. in.	200 lb. in.	AWG 8				
AWG 2					AWG 10				
AWG 3					AWG 12				
AWG 4					max. current	115 A	100 A	90 A	75 A
AWG 6					Voltage size B.C (ØR)			1000 V	
AWG 8									
Max. current	230 A	200 A	180 A	155 A					
Voltage size B.C (ØR)	1000 V								



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## Accessories

### Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

### General ordering data

Type	BZT 1 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 ST	
Type	BZT 1 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 ST	