

**WPD 111 1X95/4X35 BK****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, black, 95 mm <sup>2</sup> , 232 A, 1000 V, Number of connections: 5, Number of levels: 1
Order No.	<a href="#">2730320000</a>
Type	WPD 111 1X95/4X35 BK
GTIN (EAN)	4050118844948
Qty.	1 items

## WPD 111 1X95/4X35 BK

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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	black
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
Explosion-tested version	Yes	Type of mounting	Snap-on, Direct mounting

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## 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

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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
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

ETIM 8.0	EC000897	ETIM 9.0	EC000897
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		connection point A	
	Copper		Copper	
1x 95 mm²			1x 35 mm²	
95 mm²			35 mm²	
70 mm²			25 mm²	
50 mm²	14 Nm	14 Nm	18 mm²	6 Nm
35 mm²			10 mm²	6 Nm
25 mm²			6 mm²	
16 mm²			4 mm²	
10 mm²			2,5 mm²	
Stripping lengths	21 mm		10 mm	
Allen screw	M12		M8	



Conductor connection data according to 1059 (Al+Cu)

Input (line)	connection point A		connection point 1 / 2 / 3 / 4	
	Copper	Aluminum	Copper	Aluminum
AWG 4/0				
AWG 3/0				
AWG 2/0	200 lb. In.	200 lb. In.	124.8 lb. In.	124.8 lb. In.
AWG 1/0				
AWG 1				
AWG 2				
AWG 3				
AWG 4				
AWG 6				
AWG 8				
Max. current	230 A	200 A	115 A	100 A
Voltage size IEC 609	1000 V	1000 V	1000 V	1000 V

