

**WPD 107 1X95/2X35+8X25 GY**

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

www.weidmueller.com

**Product image**



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> , 270 A, 1000 V, Number of connections: 11, Number of levels: 1
Order No.	<a href="#">1562220000</a>
Type	WPD 107 1X95/2X35+8X25 GY
GTIN (EAN)	4050118385298
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

### Dimensions and weights

Depth	54.5 mm	Depth (inches)	2.1457 inch
Height	73 mm	Height (inches)	2.874 inch
Width	51 mm	Width (inches)	2.0079 inch
Net weight	211 g		

### Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °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		

### Rating data IECEx/ATEX

Certificate No. (ATEX)	CNEX16ATEX0005U	Certificate No. (IECEX)	IECEXCNEX16.0005U
Max. voltage (ATEX)	440 V	Current (ATEX)	232 A
Wire cross section max. (ATEX)	95 mm <sup>2</sup>	Max. voltage (IECEX)	440 V
Current (IECEX)	232 A	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

### 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	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Mounting rail	Mounting plate, TS 35	N-function	Yes
PE function	No	PEN function	No

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### Additional technical data

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

### CSA rating data

Certificate number (cCSAus)	70128467
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### Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection
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### Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 3/0	Connection direction	on side
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	11	Clamping range, max.	95 mm <sup>2</sup>
Clamping range, min.	1.5 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 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.	1.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	0 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	95 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	95 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>		

### General

Number of poles	1	Wire connection cross section AWG, max.	AWG 3/0
Installation advice	Terminal rail / mounting plate	Wire connection cross section AWG, min.	AWG 16
Standards	IEC 60947-7-1, UL 1059	Mounting rail	Mounting plate, TS 35

### 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	270 A	Current at maximum wires	270 A
Standards	IEC 60947-7-1, UL 1059	Power loss in accordance with IEC 60947-7-x	7.10 W

### 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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# Technical data

### Classifications

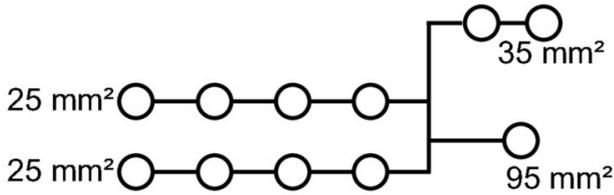
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

## WPD 107 1X95/2X35+8X25 GY

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## Drawings

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Conductor connection data according to IEC 60947-7-1 (Cu)

Input	connection point A				input
	Copper	Aluminum*		Aluminum*	
50 mm²	14 Nm	22.8 Nm	22.8 Nm		
35 mm²	14 Nm				
25 mm²					
18 mm²					
12 mm²					
6 mm²					
4 mm²					
2.5 mm²					
1.5 mm²					
Stripping lengths	14 mm				
Alarm screw	M12				
* Values according to UL 1059					

Output	connection point 1-8		connection point B		output	
	Copper	Aluminum*	Copper	Aluminum*		
35 mm²	2.5 Nm	5.1 Nm	3.5 Nm	11.3 Nm		
25 mm²	2.5 Nm	5.1 Nm	3.5 Nm	11.3 Nm		
18 mm²						
12 mm²						
6 mm²						
4 mm²						
2.5 mm²						
1.5 mm²						
Stripping lengths	12 mm		12 mm			
Alarm screw	M6		M6			
* Values according to UL 1059						

Stranded   
 Solid   
 Flexible with ferrule   
 Sector shaped

Conductor connection data according to UL 1059 (Al-Cu)

Certificate no. (UR)	XCFR2 E0083				input
	connection point A		Aluminum		
AWG 3/0	124 lb. in.	124 lb. in.	200 lb. in.	200 lb. in.	
AWG 2/0					
AWG 1/0					
AWG 2					
AWG 4					
AWG 6					
AWG 8					
AWG 10					
AWG 12					
AWG 14					
max. current	200 A	175 A	155 A	130 A	
Voltage size B.C. (UR)	600 V				

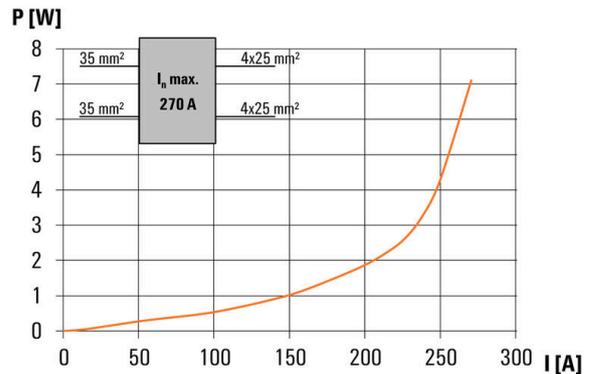
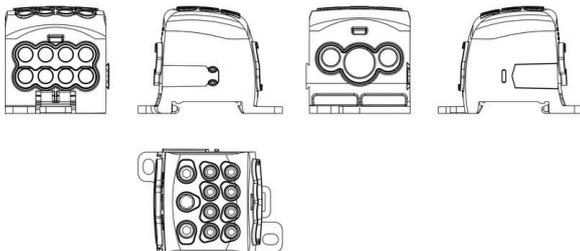
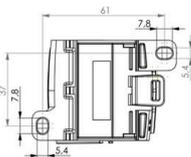
output (lead)	connection point 1-8		connection point B		output	
	Copper	Aluminum	Copper	Aluminum		
AWG 2		45.1 lb. in.	31 lb. in.	100 lb. in.		
AWG 4		45.1 lb. in.	31 lb. in.	100 lb. in.		
AWG 6						
AWG 8	22.1 lb. in.		31 lb. in.			
AWG 10	22.1 lb. in.		31 lb. in.			
AWG 12						
AWG 14						
AWG 16						
max. current	85 A	65 A	50 A	115 A		
Voltage size B.C. (UR)	600 V					

Stranded   
 Solid   
 Flexible with ferrule

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			input
	Input CP* A	CP* 1-8	CP* B	
AWG 3/0	14 Nm	2.5 Nm	6 Nm	
AWG 2/0				
AWG 1/0				
AWG 2				
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
max. current	200 A	85 A	115 A	
Voltage size C (CSA)	600 V			
* CP - connection point				

Stranded   
 Solid   
 Flexible with ferrule



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## Accessories

### Socket wrench sets



Allen key made from fully hardened, high-alloy chromium-vanadium-steel, acc. to DIN ISO 2936 L (DIN 911), high-quality refined surface.

### General ordering data

Type	SKS 2,0-8,0 MR	Version	
Order No.	<a href="#">9008870000</a>	socket wrenches	
GTIN (EAN)	4032248266623		
Qty.	1 ST		

### Crosshead screwdriver Pozidriv



Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip

### General ordering data

Type	SDK PZ2	Version	
Order No.	<a href="#">9008540000</a>	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056538		
Qty.	1 ST		