WPD 107 1X95/2X35+8X25 BL

Weidmüller ⋺⋲

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, blue, 95 mm², 270 A, 1000 V, Number of connections: 11, Number of levels: 1
Order No.	2521730000
Type	WPD 107 1X95/2X35+8X25 BL
GTIN (EAN)	4050118534245
Qty.	1 items

WPD 107 1X95/2X35+8X25 BL

Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
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	-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	blue
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 mm²	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	Mounting rail	Mounting plate, TS 35
PE function	No	PEN function	No

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Technical data

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

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

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 mm²
Clamping range, min.	1.5 mm²	Wire connection cross section AWG, min.	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	70 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm²	Wire connection cross section, finely stranded, max.	0 mm²
Wire connection cross section, finely stranded, min.	1.5 mm²	Connection cross-section, stranded, max.	95 mm²
Connection cross-section, stranded, min.	1.5 mm²	Wire connection cross-section, solid core, max.	95 mm²
Wire connection cross-section, solid core, min.	1.5 mm²		

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 mm²	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		

UL rating data

Certificate No. (cURus)	E60693

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		

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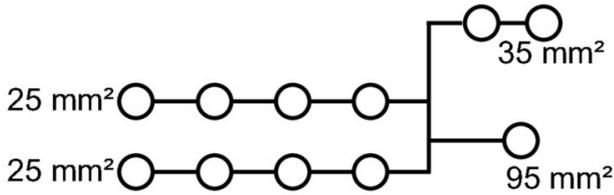
Conductor connection data according to IEC 60947-7-1 (Cu)

Input	connection point A				
	Copper		Aluminum*		
95 mm²					
70 mm²					
50 mm²					
35 mm²	14 Nm	14 Nm	22,6 Nm	22,6 Nm	
25 mm²					
16 mm²					
10 mm²					
Stripping lengths	14 mm				
Allen screw	M12				
* Values according to UL 1059					

Output	connection point 1 - 8				connection point B			
	Copper		Aluminum*		Copper		Aluminum*	
35 mm²								
25 mm²			5,1 Nm	5,1 Nm			11,3 Nm	11,3 Nm
16 mm²								
10 mm²	2,5 Nm				3,5 Nm	3,5 Nm		
6 mm²		2,5 Nm						
4 mm²								
2,5 mm²								
1,5 mm²								
Stripping lengths	12 mm				12 mm			
Allen screw	M6				M8			
* 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.E60693			
Input (line)	connection point A			
	Copper		Aluminum	
AWG 3/0				
AWG 2/0				
AWG 1/0	124 Lb In.	124 Lb In.	200 Lb In.	200 Lb In.
AWG 2				
AWG 4				
AWG 6				
AWG 8				
max. current	200 A	175 A	155 A	130 A
Voltage size B,C (UR)	600 V			

| output (load)	connection point 1 - 8				connection point B			
	Copper		Aluminum		Copper		Aluminum	
AWG 2								
AWG 4			45.1 Lb In.	45.1 Lb In.			100 Lb In.	100 Lb In.
AWG 6								
AWG 8	22.1 Lb In.	22.1 Lb In.			31 Lb In.	31 Lb In.		
AWG 10								
AWG 12								
AWG 14								
AWG 16								
max. current	85 A	65 A	65 A	50 A	115 A	85 A	90 A	65 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	Output	
	CP* A	CP* 1 - 8	CP* B
AWG 3/0			
AWG 2/0			
AWG 1/0	14 Nm.		
AWG 2			
AWG 4			6 Nm
AWG 6			
AWG 8		2,5 Nm	
AWG 10			
AWG 12			
AWG 14			
max. current	200 A	85 A	115 A
Voltage size C (CSA)	600 V		
* CP - connection point			
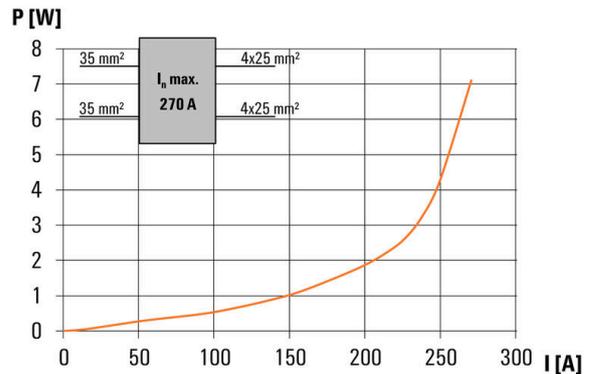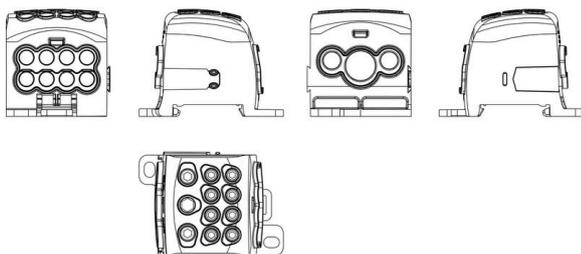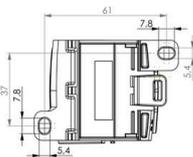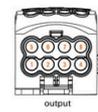
Stranded   Solid   Flexible with ferrule

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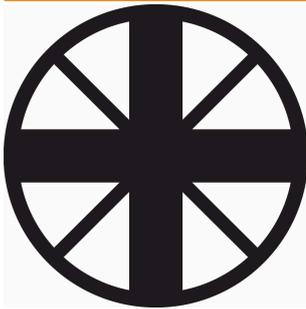
Accessories

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.	9008870000	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.	9008540000	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056538		
Qty.	1 ST		

Custom printing

ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.
Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.
Advantages at a glance:
- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

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Accessories

General ordering data

Type	ESG 9/17 K MC SDR	Version	
Order No.	1674770000	ESG, Device markers x 17 mm, PA 66, Colour: To customer	
GTIN (EAN)	4008190447656	specification, Self-adhesive	
Qty.	40 ST		

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 snaped 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.	1805490000	Accessories, Marker holder	
GTIN (EAN)	4032248270231		
Qty.	100 ST		
Type	BZT 1 ZA WS 10/5	Version	
Order No.	1805520000	Accessories, Marker holder	
GTIN (EAN)	4032248270248		
Qty.	100 ST		

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