

**WPD 204 2X25/4X16+6X10 2XBL**

**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, blue, 25 mm <sup>2</sup> , 164 A, 1000 V, Number of connections: 12, Number of levels: 1
Order No.	<a href="#">2518330000</a>
Type	WPD 204 2X25/4X16+6X10 2XBL
GTIN (EAN)	4050118577020
Qty.	1 items

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## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Depth	49 mm	Depth (inches)	1.9291 inch
Height	68 mm	Height (inches)	2.6772 inch
Width	63 mm	Width (inches)	2.4803 inch
Net weight	203 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	9436182c-fbd0-49e8-bf45-a0deac7233a9

### Material data

Basic material	Wemid	Colour	blue
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	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	Mounting rail	Mounting plate, TS 35
PE function	No	PEN function	No

### Additional technical data

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

### Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

### Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 4	Connection direction	on side
Type of connection 2	Screw connection	Type of connection	Screw connection

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Number of connections	12	Clamping range, max.	25 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.	16 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.	25 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	25 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>		

### General

Number of poles	2	Wire connection cross section AWG, max.	AWG 4
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	25 mm <sup>2</sup>	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1000 V
Nominal current	164 A	Current at maximum wires	164 A
Standards	IEC 60947-7-1, UL 1059	Power loss in accordance with IEC 60947-7-x	2.50 W

### Important note

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

### Classifications

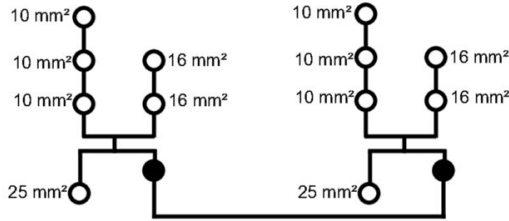
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

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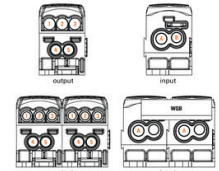
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## Drawings



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

Input	connector point A	
	Copper	Aluminium*
25 mm²	2.5 Nm	5.1 Nm
16 mm²	2.5 Nm	5.1 Nm
10 mm²	2.5 Nm	5.1 Nm
6 mm²	2.5 Nm	5.1 Nm
4 mm²	2.5 Nm	5.1 Nm
2.5 mm²	2.5 Nm	5.1 Nm
1.5 mm²	2.5 Nm	5.1 Nm
Stripping lengths	19 mm	
Allen screw	M3	

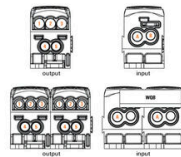


Output	connection point 1/2/3		connection point 4/5		connection point B	
	Copper	Aluminium*	Copper	Aluminium*	Copper	Aluminium*
16 mm²	2 Nm	5.1 Nm	2.5 Nm	5.1 Nm	2.5 Nm	5.1 Nm
10 mm²	2 Nm	5.1 Nm	2.5 Nm	5.1 Nm	2.5 Nm	5.1 Nm
6 mm²	2 Nm	5.1 Nm	2.5 Nm	5.1 Nm	2.5 Nm	5.1 Nm
4 mm²	2 Nm	5.1 Nm	2.5 Nm	5.1 Nm	2.5 Nm	5.1 Nm
2.5 mm²	2 Nm	5.1 Nm	2.5 Nm	5.1 Nm	2.5 Nm	5.1 Nm
1.5 mm²	2 Nm	5.1 Nm	2.5 Nm	5.1 Nm	2.5 Nm	5.1 Nm
Stripping lengths	12 mm		14 mm		19 mm	
Allen screw	M3		M3		M3	



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

Input (line)	connector point A	
	Copper	Aluminium
AWG 4	45.1 lb. in.	45.1 lb. in.
AWG 6	22.1 lb. in.	45.1 lb. in.
AWG 10	22.1 lb. in.	45.1 lb. in.
AWG 12	22.1 lb. in.	45.1 lb. in.
max. current	85 A	65 A
max. current	85 A	65 A
max. current	85 A	65 A
Voltage size B.C. (UR)	600 V	

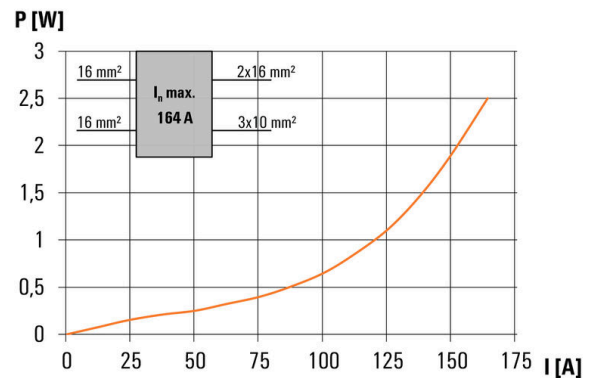
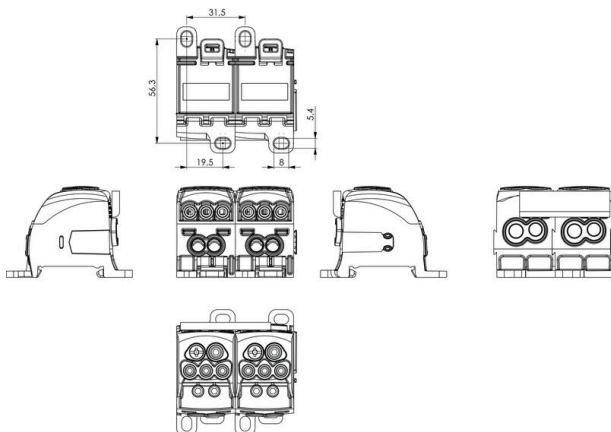
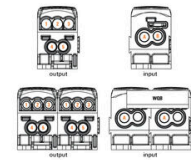


Output (load)	connection point 1/2/3		connection point 4/5		connection point B	
	Copper	Aluminium	Copper	Aluminium	Copper	Aluminium
AWG 4	45.1 lb. in.	45.1 lb. in.	45.1 lb. in.	45.1 lb. in.	45.1 lb. in.	45.1 lb. in.
AWG 6	22.1 lb. in.	45.1 lb. in.	22.1 lb. in.	45.1 lb. in.	22.1 lb. in.	45.1 lb. in.
AWG 8	22.1 lb. in.	45.1 lb. in.	22.1 lb. in.	45.1 lb. in.	22.1 lb. in.	45.1 lb. in.
AWG 10	22.1 lb. in.	45.1 lb. in.	22.1 lb. in.	45.1 lb. in.	22.1 lb. in.	45.1 lb. in.
AWG 12	22.1 lb. in.	45.1 lb. in.	22.1 lb. in.	45.1 lb. in.	22.1 lb. in.	45.1 lb. in.
AWG 14	22.1 lb. in.	45.1 lb. in.	22.1 lb. in.	45.1 lb. in.	22.1 lb. in.	45.1 lb. in.
AWG 16	22.1 lb. in.	45.1 lb. in.	22.1 lb. in.	45.1 lb. in.	22.1 lb. in.	45.1 lb. in.
max. current	85 A	65 A	85 A	65 A	85 A	65 A
max. current	85 A	65 A	85 A	65 A	85 A	65 A
max. current	85 A	65 A	85 A	65 A	85 A	65 A
Voltage size B.C. (UR)	600 V					



CSA Rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	209932			
	Input	Output	Output	Output
AWG 4	CP* A	CP* 1/2/3	CP* 4/5	CP* B
AWG 6	2.5 Nm	2.5 Nm	2.5 Nm	2.5 Nm
AWG 8	2.5 Nm	2.5 Nm	2.5 Nm	2.5 Nm
AWG 10	2.5 Nm	2.5 Nm	2.5 Nm	2.5 Nm
AWG 12	2.5 Nm	2.5 Nm	2.5 Nm	2.5 Nm
AWG 14	2.5 Nm	2.5 Nm	2.5 Nm	2.5 Nm
AWG 16	2.5 Nm	2.5 Nm	2.5 Nm	2.5 Nm
max. current	85 A	50 A	50 A	65 A
max. current	85 A	50 A	50 A	65 A
max. current	85 A	50 A	50 A	65 A
Voltage size C (CSA)	600 V			



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## Accessories

### Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

### General ordering data

Type	WQB WPD X04/2	Version
Order No.	<a href="#">1561980000</a>	Cross-connector (terminal), Plugged, grey, 135 A, Number of poles: 2,
GTIN (EAN)	4050118367317	Pitch in mm (P): 31.50, Insulated: Yes, Width: 49.3 mm
Qty.	20 ST	
Type	WQB WPD X04/3	Version
Order No.	<a href="#">1561990000</a>	Cross-connector (terminal), Plugged, grey, 135 A, Number of poles: 3,
GTIN (EAN)	4050118367324	Pitch in mm (P): 31.50, Insulated: Yes, Width: 80.2 mm
Qty.	20 ST	

### 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

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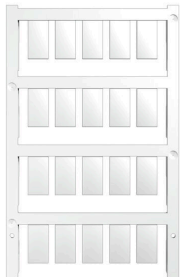
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## Accessories

### General ordering data

Type	SDK PZ2	Version	
Order No.	<a href="#">9008540000</a>	Version	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.

### General ordering data

Type	ESG 9/17 K MC SDR	Version	
Order No.	<a href="#">1674770000</a>	Version	ESG, Device markers x 17 mm, PA 66, Colour: To customer specification, Self-adhesive
GTIN (EAN)	4008190447656		
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 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>	Version	Accessories, Marker holder
GTIN (EAN)	4032248270231		
Qty.	100 ST		
Type	BZT 1 ZA WS 10/5	Version	
Order No.	<a href="#">1805520000</a>	Version	Accessories, Marker holder
GTIN (EAN)	4032248270248		
Qty.	100 ST		