

WPD 330CC 3X50/3X50 GN**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Klippon® Connect power feed-in terminal blocks WPD allow for an easy and safe installation of aluminium and copper conductors on a small footprint. A power supply or monitoring connection can also be used as an option. Customers can use the power feed-in terminal blocks WPD, regardless of the conductor material. They can be mounted either directly or on DIN rail TS35.

General ordering data

Version	Potential distributor terminal, Screw connection, green, 50 mm², 150 A, 1000 V, Number of connections: 6, Number of levels: 1
Order No.	2874550000
Type	WPD 330CC 3X50/3X50 GN
GTIN (EAN)	4064675648475
Qty.	3 pc(s).

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Technical data

Dimensions and weights

Depth	45 mm	Depth (inches)	1.772 inch
Height	72 mm	Height (inches)	2.835 inch
Width	51.2 mm	Width (inches)	2.016 inch
Net weight	76 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	Wemid	Colour	green
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	6	Number of potentials per tier	1
Levels cross-connected internally	No	Rail	TS 35, Mounting plate
N-function	No	PE function	No
PEN function	No		

Additional technical data

Explosion-tested version	No	Open sides	closed
Snap-on	Yes	Type of mounting	Snap-on

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Clamping range, max.	50 mm ²	Clamping range, min.	2.5 mm ²
Clamping screw	M 10	Connection cross-section, stranded, max.	50 mm ²
Connection direction	on side	Number of connections	6
Stripping length	16 mm	Type of connection	Screw connection
Type of connection 2	Screw connection	Wire connection cross section AWG, max.	AWG 1/0
Wire connection cross section AWG, min.	AWG 10	Wire connection cross section, finely stranded, max.	0 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm ²	Wire connection cross-section, solid core, max.	50 mm ²

General

Number of poles	1	Rail	TS 35, Mounting plate
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 1/0
Wire connection cross section AWG, min.	AWG 10		

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Rating data

Rated cross-section	50 mm ²	Rated voltage	1,000 V
Rated AC voltage	1,000 V	Rated DC voltage	1,000 V
Rated current	150 A	Current at maximum wires	150 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.21 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	4.8 W
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693
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Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-19	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319236/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/
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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

Approval/Certificate/Document of Conformity	LMP 23.0563U- WPD (Rev. 0) Confirmation of Standards EN 45545-2_2020-10 CE Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Manual - How to connect aluminum wires in WPD-Terminal blocks Torque Conductor Connection Data WPD_EN Drehmoment Leiteranschlussdaten WPD_DE

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Drawings



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

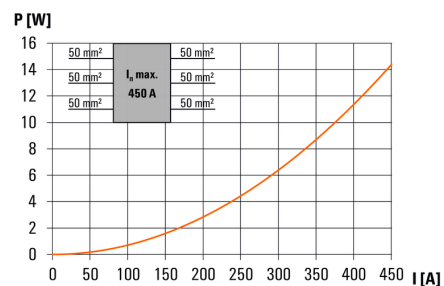
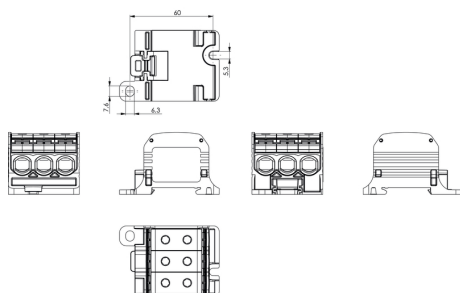
Input (x1) / Output (x1)	Copper		Aluminum	
50 mm²				
35 mm²	10 Nm	10 Nm	14 Nm	14 Nm
25 mm²	8 Nm	8 Nm	12 Nm	10 Nm
16 mm²	8 Nm	8 Nm	10 Nm	10 Nm
10 mm²	6 Nm	6 Nm		
6 mm²	6 Nm	6 Nm		
4 mm²				
2.5 mm²				
max. current with 2 x 50 mm² (acc. to IEC)	300 A		270 A	
Stripping lengths	16 mm		16 mm	
Allen screw	M10 (SW 5 mm)		M10 (SW 5 mm)	

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped

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

Input (x1) / Output (x1)	Copper		Aluminum	
AWG 1/0				
AWG 2	123.9 lb in.	123.9 lb in.	123.9 lb in.	123.9 lb in.
AWG 4	123.9 lb in.	123.9 lb in.		
AWG 6	123.9 lb in.	123.9 lb in.		
AWG 8	123.9 lb in.	123.9 lb in.		
AWG 10	123.9 lb in.	123.9 lb in.		
AWG 12	123.9 lb in.	123.9 lb in.		
max. current at 1 x 50 mm² (acc. to UL)	150 A		120 A	
Stripping lengths	16 mm		16 mm	
Allen screw	M10 (SW 5 mm)		M10 (SW 5 mm)	

 Stranded
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  Flexible with ferrule
  Sector shaped



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Accessories

Protective covers



Power feed-in

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

Type	WPDPC X30 GY	Version
Order No.	2503330000	Cover hood (terminal), Wemid
GTIN (EAN)	4050118533323	
Qty.	54 pc(s).	

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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	DEK 5/5 MC NE WS	Version
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

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

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 pc(s).	
Type	SK WSD-S 1,5-10,0	Version
Order No.	9008850000	Mounting tool
GTIN (EAN)	4032248266609	
Qty.	1 pc(s).	