WPD 331CC 3X95/3X95 GN

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, 95 mm², 232 A, 1000 V, Number of connections: 6, Number of levels: 1
Order No.	2874600000
Type	WPD 331CC 3X95/3X95 GN
GTIN (EAN)	4064675648529
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Dimensions and weights

Depth	57 mm	Depth (inches)	2.2441 inch
Height	95 mm	Height (inches)	3.7401 inch
Width	68.6 mm	Width (inches)	2.7008 inch
Net weight	76 g		

Temperatures

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

Environmental Product Compliance

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

Material data

Basic 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	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	No	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 3/0	Connection direction	on side
Stripping length	26 mm	Type of connection 2	Screw connection
Type of connection	Screw connection	Number of connections	6
Clamping range, max.	95 mm²	Clamping range, min.	10 mm²

Creation date 28.11.2025 12:20:40 MEZ

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Technical data

Clamping screw	M 14	Wire connection cross section AWG, min.	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	10 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.	10 mm²	Wire connection cross-section, finely stranded, max.	95 mm²
Wire connection cross-section, finely stranded, min.	10 mm²	Connection cross-section, stranded, max.	95 mm²
Connection cross-section, stranded, min.	10 mm²	Wire connection cross-section, solid core, max.	95 mm²
Wire connection cross-section, solid core, min.	10 mm²		

General

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

Rating data

Rated cross-section	95 mm²	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1000 V
Nominal current	232 A	Current at maximum wires	232 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.14 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	7.42 W
Short-time withstand current resistance	8/20µs with 50 kA	Surge voltage category	III
Pollution severity	3		

UL rating data

Certificate No. (cURus)	E60693		

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		

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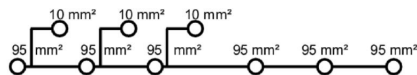
Conductor connection data according to IEC 60947-7-1 (Cu)

Input (x1) / Output (x1)	Copper		Aluminium	
95 mm²	19 Nm	19 Nm	22,6 Nm	22,6 Nm
70 mm²				
50 mm²				
35 mm²				
25 mm²	14 Nm	14 Nm		
16 mm²				
10 mm²				
max. current with 2 × 95 mm² (acc. to IEC)	464 A		200 A	
Stripping lengths	26 mm			
Allen screw	M14 (SW 6 mm)			

Auxiliary connection

	Copper	
10 mm²	1,2 Nm	1,2 Nm
6 mm²		
4 mm²		
2,5 mm²		
1,5 mm²		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/-PZ2)	

Stranded   Solid   Flexible with ferrule   Sector shaped

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

Input (x1) / Output (x1)	Copper		Aluminium	
AWG 3/0	200Lb In.	200Lb In.	200Lb In.	123.9Lb In.
AWG 2/0				
AWG 1/0				
AWG 2				
AWG 4				
AWG 6				
AWG 8				
max. current at 1 × 95 mm² (acc. to UL)	200 A		155 A	
Stripping lengths	26 mm			
Allen screw	M14 (SW 6 mm)			

Auxiliary connection

	Copper	
AWG 8	20.3Lb In.	26.3Lb In.
AWG 10		
AWG 12		
AWG 14		
AWG 16		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/-PZ2)	

Stranded   Solid   Flexible with ferrule   Sector shaped
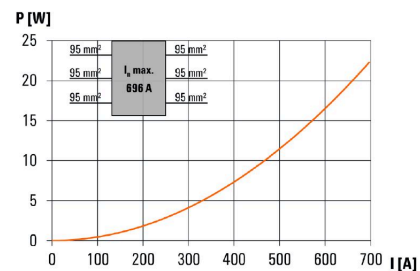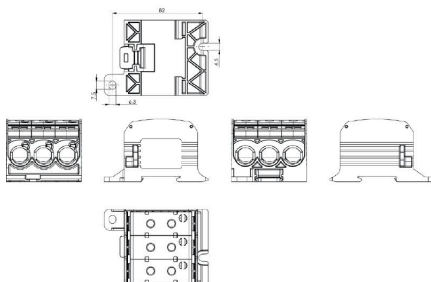
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Accessories

Cover

Our systems for touch protection ensure greater safety in your cabinet. They provide protection against electric shock caused by accidental contact with live parts due to operation or faults.

General ordering data

Type	WPDPC X31 GY	Version	
Order No.	2503370000	Cover hood (terminal), Wemid	
GTIN (EAN)	4050118533330		
Qty.	20 ST		

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.	1000 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.

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Accessories

General ordering data

Type	SK WSD-S 1,5-10,0	Version	
Order No.	9008850000	Mounting tool	
GTIN (EAN)	4032248266609		
Qty.	1 ST		
Type	SKS 2,0-8,0 MR	Version	
Order No.	9008870000	socket wrenches	
GTIN (EAN)	4032248266623		
Qty.	1 ST		

Marker holder
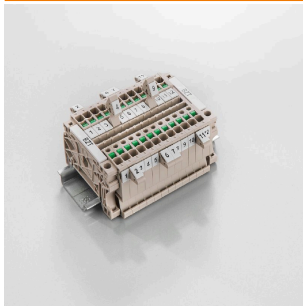
The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snaped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found 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		