

WPD 231 2X95/2X95 BN**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

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	W-Series, Distribution block, Rated cross-section: 95 mm², Terminal rail / mounting plate
Order No.	2502730000
Type	WPD 231 2X95/2X95 BN
GTIN (EAN)	4050118516555
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	57 mm	Depth (inches)	2.244 inch
Height	93 mm	Height (inches)	3.661 inch
Width	47 mm	Width (inches)	1.85 inch
Net weight	178 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	brown
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	CNEX18ATEX0016U	Certificate No. (IECEX)	IECEXNEX18.0010U
Max. voltage (ATEX)	880 V	Current (ATEX)	232 A
Wire cross section max. (ATEX)	95 mm ²	Max. voltage (IECEX)	880 V
Current (IECEX)	232 A		

System specifications

Version	Screw connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	4	PE connection	No

Additional technical data

Installation advice	Terminal rail / mounting plate	Type of mounting	Snap-on
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General

Installation advice	Terminal rail / mounting plate	Number of poles	1
Standards	IEC 60947-7-1, UL 1059, CSA		

Rating data

Rated cross-section	95 mm ²	Rated voltage	1,000
Rated AC voltage	1,000 V	Rated DC voltage	1,000 V DC
Rated current	232 A	Standards	IEC 60947-7-1, UL 1059, CSA
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	Pollution severity	3
Surge voltage category	III		

UL rating data

Certificate No. (cURus)	E60693
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Creation date March 21, 2022 2:58:18 PM CET

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Technical data

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	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		

Important note

Product information You will find additional information in the downloadsection of the onlinecatalogue

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	CB Certificate FIMKO certificate EAC EX Certificate CCC Ex Certificate ATEX Certificate IECEX Certificate DNV Certificate CE Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN
User Documentation	DATA SHEET WPD 231 StorageConditionsTerminalBlocks NTI WPD 231
Catalogues	Catalogues in PDF-format

WPD 231 2X95/2X95 BN

Weidmüller Interface GmbH & Co. KG

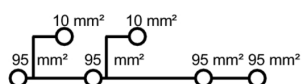
Klingenbergstraße 26

D-32758 Detmold

Germany

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Drawings



Power feed-in Screw connection

W-Series

WPD 131 1X95/1X95 GY



WPD 131

95 mm²

WPD 231

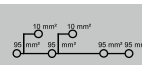
95 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

28 / 57 / 93
232 / 95
10...95



47 / 57 / 93
232 / 95
10...95



Technical data

Rated data		
Rated voltage	V	
Rated current	A	
for wire cross-section	95 mm ²	mm ²
	Auxiliary connection 6 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	95 mm ²	mm ²
	Auxiliary connection 6 mm ²	mm ²
Flexible with ferrule	95 mm ²	mm ²
	Auxiliary connection 6 mm ²	mm ²
Stripping length / Blade size	95 mm ²	mm/-
	Auxiliary connection 6 mm ²	mm/-
Tightening torque	Nm	
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
232	200	200	232
95	AWG 8...3/0	AWG 8...3/0	95
6	AWG 16...8	AWG 16...8	6
8 kV / 3			
III / V-0			

Bemessungsanschluss

10...95 / 10...95
1.5...10 / 1.5...10
16...70
1.5...6
26 / M14 (SW 6)
10 / M4 (+/- PZ2)
siehe Anhang am Kapitelende

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
464	200	200	232
95	AWG 8...3/0	AWG 8...3/0	95
6	AWG 16...8	AWG 16...8	6
8 kV / 3			
III / V-0			

Bemessungsanschluss

10...95 / 10...95
1.5...10 / 1.5...10
16...70
1.5...6
26 / M14 (SW 6)
10 / M4 (+/- PZ2)
siehe Anhang am Kapitelende

B



Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	Qty.	Order No.
WPD 131 1X95/1X95 GY	2	2503090000
WPD 131 1X95/1X95 BL	2	2502660000
WPD 131 1X95/1X95 GN	2	2502670000
WPD 131 1X95/1X95 BN	2	2502680000
WPD 131 1X95/1X95 BK	2	2502690000

Type	Qty.	Order No.
WPD 231 2X95/2X95 GY	1	2502700000
WPD 231 2X95/2X95 BL	1	2502710000
WPD 231 2X95/2X95 GN	1	2502720000
WPD 231 2X95/2X95 BN	1	2502730000
WPD 231 2X95/2X95 BK	1	2502740000

Accessories

Protective cover	
	light grey
End bracket	
	grey
	black
Screwdriver	
	SET
Identification systems	

Type	Qty.	Order No.
WPDPC X31 GY	20	2503370000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1.5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
WPDPC X31 GY	20	2503370000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1.5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (AL+Cu)

Product: Connection data according to IEC 60364-5-52, 60364-5-53, 60364-5-54, 60364-5-55, 60364-5-56, 60364-5-57, 60364-5-58, 60364-5-59, 60364-5-60, 60364-5-61, 60364-5-62, 60364-5-63, 60364-5-64, 60364-5-65, 60364-5-66, 60364-5-67, 60364-5-68, 60364-5-69, 60364-5-70, 60364-5-71, 60364-5-72, 60364-5-73, 60364-5-74, 60364-5-75, 60364-5-76, 60364-5-77, 60364-5-78, 60364-5-79, 60364-5-80, 60364-5-81, 60364-5-82, 60364-5-83, 60364-5-84, 60364-5-85, 60364-5-86, 60364-5-87, 60364-5-88, 60364-5-89, 60364-5-90, 60364-5-91, 60364-5-92, 60364-5-93, 60364-5-94, 60364-5-95, 60364-5-96, 60364-5-97, 60364-5-98, 60364-5-99, 60364-5-100, 60364-5-101, 60364-5-102, 60364-5-103, 60364-5-104, 60364-5-105, 60364-5-106, 60364-5-107, 60364-5-108, 60364-5-109, 60364-5-110, 60364-5-111, 60364-5-112, 60364-5-113, 60364-5-114, 60364-5-115, 60364-5-116, 60364-5-117, 60364-5-118, 60364-5-119, 60364-5-120, 60364-5-121, 60364-5-122, 60364-5-123, 60364-5-124, 60364-5-125, 60364-5-126, 60364-5-127, 60364-5-128, 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Input (x1) / Output (x1)	Copper		Aluminium	
	 		 	
AWG 3/0	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 x 95 mm ² (acc. to UL)	200 A		155 A	
Stripping lengths	26 mm			
Allen screw	M14 (SW 6 mm)			

Auxiliary connection

	Copper	
		
10 mm ²	1,2 Nm	1,2 Nm
6 mm ²		
4 mm ²		
2.5 mm ²		
1.5 mm ²		
max. current		
Stripping lengths		
screw		

	Copper	
		
AWG 8	20.3Lb In.	20.3Lb In.
AWG 10		
AWG 12		
AWG 14		
AWG 16		
max. current		
Stripping lengths		
screw		

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped

Diagrams

