

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

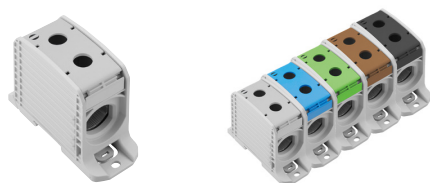
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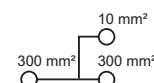
www.weidmüller.com

W-Series**WPD 133 1X300/1X300 GY****General ordering data**

Type	WPD 133 1X300/1X300 GY
Order No.	2502850000
Version	W-Series, Distribution block, Rated cross-section: 300mm², Terminal rail/mounting plate
GTIN (EAN)	4050118516678
Qty.	1 pc(s)

Colour types

GY (light grey)	2502850000
BL (blue)	2502860000
GN (green)	2502870000
BN (brown)	2502880000
BK (black)	2502890000

**Colour types**

Width	45 mm (1.772 inch)
Height	118 mm (4.664 inch)
Depth	83.5 mm (3.287 inch)
Net weight	338 g

Material data and temperatures

Material body	Aluminium (tin plated)
Material housing	PA (Halogen-free)
UL 94 flammability rating	V-0
Continuous operating temp. area	-50 °C - 120 °C

Raiting data

Rated cross-section	300 mm²
Rated AC voltage	1,000 V AC
Rated current CU	520 A
Standards	IEC 60947-7-1
Pollution severity	3
Power loss according to IEC 60947-7-x	on request

Rated voltage	1,000 V
Rated AC voltage	1,000 V DC
Rated current (AI)	-
Rated impulse withstand voltage	8 kv
Surge voltage category	III
Contact resistance according to IEC 60947-7-x	on request

Raiting data IECEx/ATEX

Certificate No. (ATEX)	CNEX 18 ATEX 0016U
Max. voltage (ATEX)	1,100 V
Current (ATEX)	340 A

Certificate No. (IECEx)	IECEx CNEX 18.0010U
Max. voltage (IECEx)	1,100 V
Current (IECEx)	340 A

UL rating data

Certificate No. (UR)	XCFR2.E60693
Current size B,C (UR) - CU	420 A
Coltage size B,C (UR)	600 V
Wire cross section max. (UR)	350 kcmil str.

Current size B,C (UR) - AI	340 A
Voltage size B,C (UR)	600 V
Wire cross section min. (UR)	600 kcmil str.

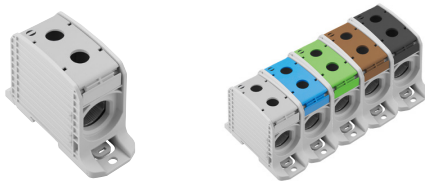
CSA rating data

Certificate No. (cURus)	XCFR2.E60693
Current size B,C (cURus) - CU	420 A
Coltage size B,C (cURus)	600 V
Wire cross section max. (cURus)	350 kcmil str.

Current size B,C (cURus) - AI	340 A
Voltage sizeC (cURus) - AI	600 V
Wire cross section min. (cURus)	600 kcmil str.

W-Series

WPD 133 1X300/1X300 GY



Conductor connection data

Input (x1) / Output (x1)	Copper			Aluminium			
							
300 mm ²	45 Nm	45 Nm	65 Nm	65 Nm	65 Nm		
240 mm ²							
185 mm ²							
150 mm ²							
120 mm ²	30 Nm	30 Nm	65 Nm	65 Nm	65 Nm		
95 mm ²							
70 mm ²							
50 mm ²							
35 mm ²	30 Nm	30 Nm	65 Nm	65 Nm	65 Nm		
Flat band 10x20x1 mm							
Max. current						520 A	340 A
Stripping lengths						34 mm	
Allen screw	M24 (SW 12 mm)						

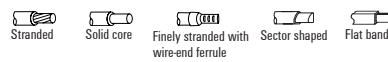
Input (x1) / Output (x1)	Copper		Alluminium	
				
600 kcmil	300Lb In.		575Lb In.	575Lb In.
500 kcmil				
350 kcmil				
300 kcmil				
250 kcmil		200Lb In.		
AWG 3/0				
AWG 2/0				
AWG 1				
AWG 2				
				
Max. current	420 A		340 A	
Stripping lengths	34 mm			
Allen screw	M24 (SW 12 mm)			

Auxiliary connection

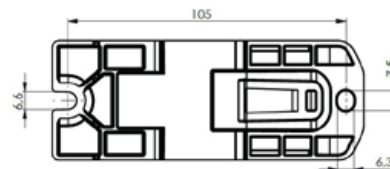
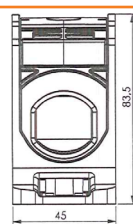
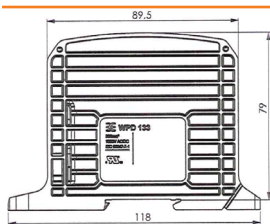
	Copper	
		
10 mm ²	1.2 Nm	
6 mm ²		
4 mm ²		
2.5 mm ²		
1.5 mm ²		
Max. current	57 A	
Stripping lengths	10 mm	
Screw	M4 (+/- PZ2)	



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



Drawings



P [W] **WPD 133**
Power loss diagramm for copper conductors

