

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

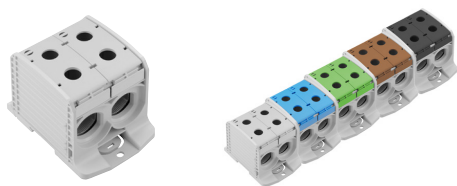
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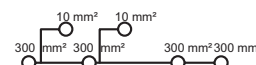
www.weidmüller.com

W-Series**WPD 233 2X300/2X300 GY****General ordering data**

Type	WPD 233 2X300/2X300 GY
Order No.	2502900000
Version	W-Series, Distribution block, Rated cross-section: 300mm², Terminal rail/mounting plate
GTIN (EAN)	4050118516722
Qty.	1 pc(s)

Colour types

GY (light grey)	2502900000
BL (blue)	2502910000
GN (green)	2502920000
BN (brown)	2502930000
BK (black)	2502940000

**Dimensions and weights**

Width	82,6 mm (3.252 inch)
Height	118 mm (4.646 inch)
Depth	83.5 mm (3.287 inch)
Net weight	628 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	3300 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
Voltage 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
Voltage size B,C (cURus)	600 V
Wire cross section max. (cURus)	350 kcmil str.

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

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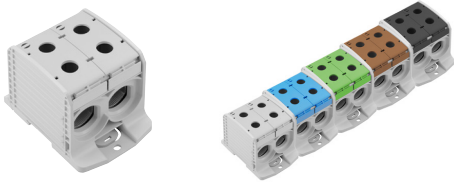
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W-Series

WPD 233 2X300/2X300 GY



Conductor connection data

Input (x2) / Output (x2)	Copper			Alluminium				
								
300 mm ²	45 Nm			65 Nm	65 Nm			
240 mm ²								
185 mm ²								
150 mm ²								
120 mm ²								
95 mm ²								
70 mm ²								
50 mm ²								
35 mm ²				65 Nm				
Flat band 10x20x1 mm								
Max. current at 2x 300 mm ² (according to IEC)	936 A			612 A				
Stripping lengths	34 mm							
Allen screw	M24 (SW 12 mm)							

Input (x2) / Output (x2)	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 at 1x 300 mm ² (according to IEC)	420 A		340 A			
Stripping lengths	34 mm					
Allen screw	M24 (SW 12 mm)					

Auxiliary connectin

	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

