

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

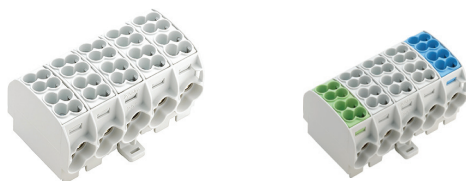
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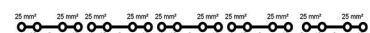
www.weidmüller.com

W-Series**WPD 501 2X25/2X16 5XGY****General ordering data**

Type	WPD 501 2X25/2X16 5XGY
Order No.	1561750000
Version	W-Series, Distribution block, Rated cross-section: 2x25 / 2x16 mm², Terminal rail
GTIN (EAN)	4050118366556
Qty.	1 pc(s)

Colour types

5xGY	1561750000
3x GY/1xBL/1GN	1562140000

**Dimensions and weights**

Width	88.8 mm (3.496 inch)
Height	55.7 mm (2.193 inch)
Depth	49.3 mm (1.941 inch)
Net weight	342 g

Material data and temperatures

Material body	brass (CUZn39Pb2)
Material housing	PA (Halogen-free)
UL 94 flammability rating	V-0
Continuous operating temp. area	-50 °C - 120 °C

Rating data

Rated cross-section	25 / 16 mm²
Rated AC voltage	1,000 V AC
Rated current - CU	152 A (2x16 mm²) 101 A (1x25 mm²)
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 - Al	100 A (1x25 mm²)
Rated impulse withstand voltage	8 kv
Surge voltage category	III
Contact resistance according to IEC 60947-7-x	on request

UL rating data according to UL 1059

Certificate No. (UR)	XCFR2.E60693	
Coltage size B,C (UR) - CU	600 V	
	Current size B,C (UR) - CU / Tightening torque	
	line	load
	85 A / 22.1 Lb In.	65 A / 22.1 Lb In.

Voltage size B,C (UR) - AL	600 V	
	Current size B,C (UR) - AL / Tightening torque	
	line	load
AWG 4	65 A / 35 Lb In.	50 A / 35 Lb In.
AWG 6	50 A / 35 Lb In.	
AWG 8		
AWG 10		
AWG 12		
AWG 14		
AWG 16		

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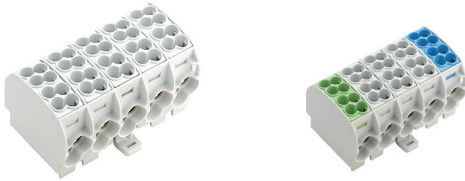
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W-Series

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CSA rating data according to CSA 22.2 No. 158

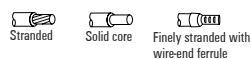
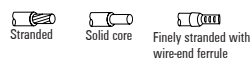
Certificate No. (cURus)	XCFR8.E60693	
Voltage size B,C (cURus)	600 V	
	Current size B,C (cURus) - CU / Tightening torque	
	line	load
AWG 4	90 A / 2.5 Nm	65 A / 2.1 Nm
AWG 6		
AWG 8		
AWG 10		
AWG 12		
AWG 14		
AWG 16		

Voltage size C (cURus) - Al	600 V	
	Current size B,C (cURus) - AL / Tightening torque	
	line	load
AWG 4	65 A / 4 Nm	65 A / 4 Nm
AWG 6	50 A / 4 Nm	
AWG 8		
AWG 10		
AWG 12		
AWG 14		
AWG 16		

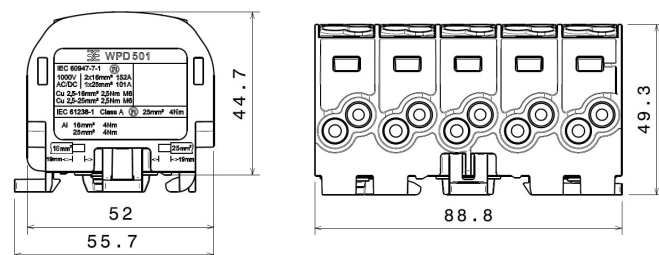
Conductor connection data according to VDE 0603-2 (Cu), IEC 61238-1 Class A (Al)

Input (x2)	Copper		Aluminium
2x25 mm ² (round conductor)			
25 mm ²	3.5 Nm		4 Nm
16 mm ²		3.5 Nm	
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
Stripping lengths	19 mm		
screw	M6 (+/- PZ2)		

Output (x2)	Copper		Aluminium
2x16 mm ² (round conductor)			
16 mm ²	2.5 Nm	2.5 Nm	
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
Stripping lengths	19 mm		
screw	M6 (+/- PZ2)		



Drawings



WPD x01

