

Weidmüller Interface GmbH & Co. KG

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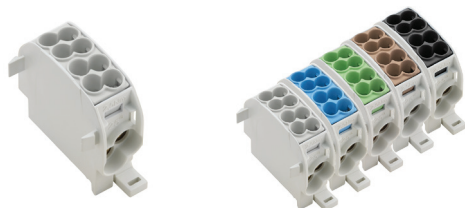
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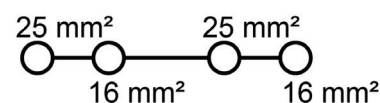
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W-Series**WPD 101 2X25/2X16 GY****General ordering data**

Type	WPD 101 2X25/2X16 GY
Order No.	1560730000
Version	W-Series, Distribution block, Rated cross-section: 2x25 / 1x16 mm², Terminal rail
GTIN (EAN)	4050118365818
Qty.	5 pc(s)

Colour types

GY (light grey)	1560730000
BL (blue)	1560670000
GN (green)	1560650000
BN (brown)	1561120000
BK (black)	1561100000

**Dimensions and weights**

Width	17.8 mm (0.701 inch)
Height	55.7 mm (2.193 inch)
Depth	49.3 mm (1.941 inch)
Net weight	68 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

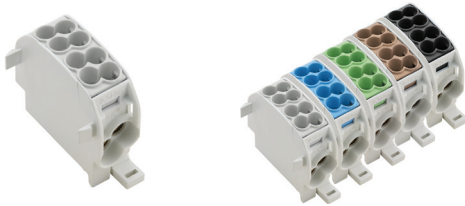
UL rating data according to UL 1059

Certificate No. (UR)	XCFR2.E60693	
Voltage size B,C (UR) - CU	600 V	
	Current size B,C (UR) - CU / Tightening torque	
	line	load
AWG 4	85 A / 22.1 Lb In.	65 A / 22.1 Lb In.
AWG 6		
AWG 8		
AWG 10		
AWG 12		
AWG 14		
AWG 16		

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		

W-Series

WPD 101 2X25/2X16 GY



CSA rating data according to CSA 22.2 No. 158 ng data

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)

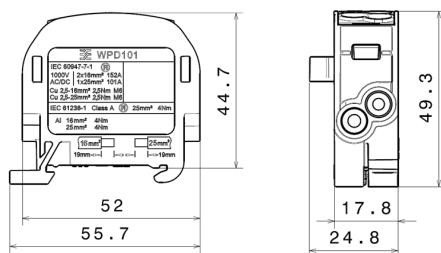
Input (x2) / Output (x2)	Copper		Aluminium
2x35 mm ² (round conductor)			
25 mm ²	3.5 Nm		4 Nm
16 mm ²		3.5 Nm	
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	19 mm		
screw	M6 (+/- PZ2)		

Stranded
 Solid core
 Finely stranded with wire-end ferrule

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

Stranded
 Solid core
 Finely stranded with wire-end ferrule

Drawings



WPD x01

