

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

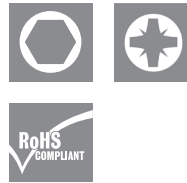
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W-Series

WPD 104 1x25+1x16/2x16+3x10

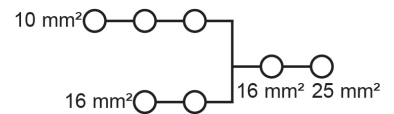


General ordering data

Type	WPD 104 1x25+1x16/2x16+3x10 GY
Order No.	1562000000
Version	W-Series, Phase distributor block, Terminal rail/ mounting plate
GTIN (EAN)	4050118367157
Qty.	1 pc(s)

Colour types

GY (light grey)	1562000000
BL (blue)	2518250000



Dimensions and weights

Width	31.5 mm (1.24 inch)
Height	68 mm (2.677 inch)
Depth	49 mm (1.929 inch)
Net weight	96 g

Material data and temperatures

Material body	brass (CUZn39Pb2)
Material housing	PA 6 (Halogen-free)
UL 94 flammability rating	V-0
Continuous operating temp. area	-50 °C - 130 °C

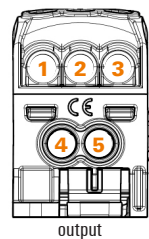
Rating data

Rated cross-section	25 / 16 / 10 mm²
Rated voltage	1,000 V
Rated current - Copper	101 A (1x25 mm²)
Standards	IEC 60947-7-1
Pollution degree	3

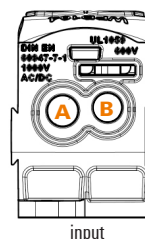
Rated AC voltage	1,000 V AC
Rated DC voltage	1,000 V DC
Max. current - Copper	164 A (2x16 mm²)
Rated impulse withstand voltage	8 kv
Surge voltage category	III

Conductor connection data

input	connection point A			
	Copper		Aluminium*	
				
25 mm ²	2.5 Nm	2.5 Nm	5.1 Nm	5.1 Nm
16 mm ²				
10 mm ²				
6 mm ²				
4 mm ²				
2.5 mm ²				
1.5 mm ²				
Stripping lengths	19 mm			
Allen screw	M6			



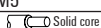
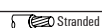
output



input

output	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
												
16 mm ²	2 Nm	2 Nm	5.1 Nm		2.5 Nm	2.5 Nm	5.1 Nm	5.1 Nm	2.5 Nm	2.5 Nm	5.1 Nm	
10 mm ²												
6 mm ²												
4 mm ²												
2.5 mm ²												
1.5 mm ²												
Stripping lengths	12 mm				14 mm				19 mm			
Allen screw	M5				M6				M6			

* Values according to UL 1059



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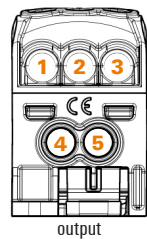
W-Series**WPD 104 1x25+1x16/2x16+3x10****Rating data IECEx/ATEX**

Certificate No. (IECEx)	IECEx CNEX 16.0005U
Max. voltage (IECEx)	550 V (on Terminal rail) 550 V (on Mounting plate)
Current (IECEx)	101 A

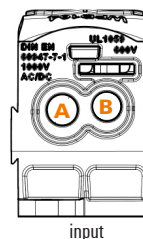
Certificate No. (ATEX)	CNEX 16 ATEX 0005U
Max. voltage (ATEX)	550 V (on Terminal rail) 550 V (on Mounting plate)
Current (ATEX)	101 A

UL rating data

Certificate No. (UR)	XCFR2.E60693			
Input (line)	connection point A			
	Copper		Aluminium	
				
AWG 4	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.
AWG 6				
AWG 8				
AWG 10				
AWG 12				
Max. current	85 A	65 A	65 A	50 A
Voltage size B,C (UR)	600 V			



output



input

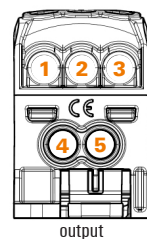
output (load)	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
												
AWG 4	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.
AWG 6												
AWG 8												
AWG 10												
AWG 12												
AWG 14												
AWG 16												
Max. current	65 A	50 A	50 A		85 A	65 A	65 A	50 A	65 A	50 A	50 A	
Voltage size B,C (UR)	600 V											

 Stranded
  Solid core
  Finely stranded with wire-end ferrule

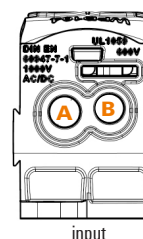
CSA rating data

Certificate No. (CSA)	269832			
	input	output		
	CP* A	CP* 1/2/3	CP* 4/5	CP* B
AWG 4	2.5 Nm			
AWG 6				
AWG 8				
AWG 10				
AWG 12		2.5 Nm	2.5 Nm	2.5 Nm
AWG 14				
AWG 16				
Max. current	85 A	50 A	50 A	65 A
Voltage size C (CSA)	600 V			

*CP- connection point



output



input

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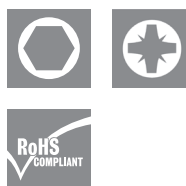
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Drawings

