

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

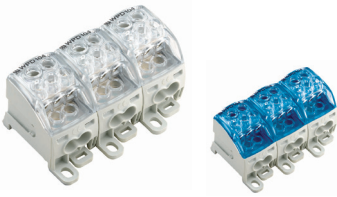
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W-Series

WPD 304 3X25/6X16+9X10 3XGY

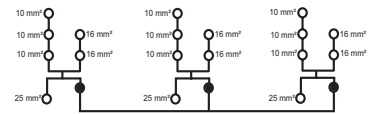


General ordering data

Type	WPD 304 3X25/6X16+9X10 3XGY
Order No.	1562160000
Version	W-Series, Phase distributor block, Terminal rail/ mounting plate
GTIN (EAN)	4050118385243
Qty.	1 pc(s)

Colour types

GY (light grey)	1562160000
BL (blue)	2518340000



Dimensions and weights

Width	94.5 mm (3.72 inch)
Height	68 mm (2.677 inch)
Depth	49 mm (1.929 inch)
Net weight	305 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

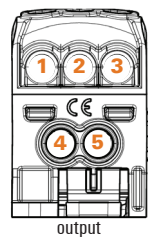
Rating data

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

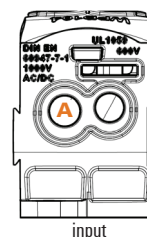
Rated AC voltage	1,000 V AC
Rated DC voltage	1,000 V DC
Max. current - Copper	164 A (2x16 mm²)
Rated impulse withstand voltage	8 kv
Surge voltage category	III

Conductor connection data according to VDE 0603-2 (Cu)

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



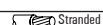
output



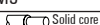
input

output	connection point 1/2/3				connection point 4/5			
	Copper		Aluminium*		Copper		Aluminium*	
								
16 mm²								
10 mm²	2 Nm		5.1 Nm		2.5 Nm		5.1 Nm	
6 mm²		2 Nm				2.5 Nm		5.1 Nm
4 mm²								
2.5 mm²								
1.5 mm²								
Stripping lengths	12 mm				14 mm			
Allen screw	M5				M6			

* Values according to UL 1059



Stranded



Solid core

Finely stranded with
wire-end ferrule

Sector shaped

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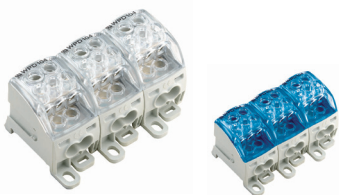
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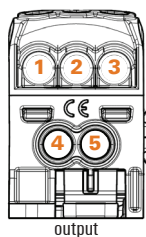
W-Series**WPD 304 3X25/6X16+9X10 3XGY****Rating data IECEx/ATEX according to IEC 60079-0, IEC 60079-7**

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

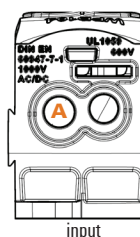
Certificate No. (ATEX)	CNEX 16 ATEX 0005U
Max. voltage (ATEX)	550 V (on Terminal rail) 550 V (on Mounting plate)
Current (ATEX)	101 A

UL rating data according to UL 1059

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

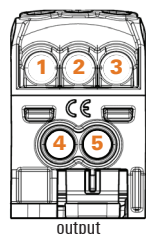
output (load)	connection point 1/2/3				connection point 4/5			
	Copper		Aluminium		Copper		Aluminium	
								
AWG 4	22.1 Lb In.	22.1 Lb In.	22.1 Lb In.	22.1 Lb In.	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.
AWG 6								
AWG 8								
AWG 10								
AWG 12								
AWG 14								
AWG 16							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

 Stranded
  Solid core
  Finely stranded with wire-end ferrule

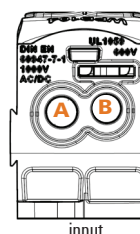
CSA rating data according to CSA 22.2 No. 158

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

*CP- connection point



output



input

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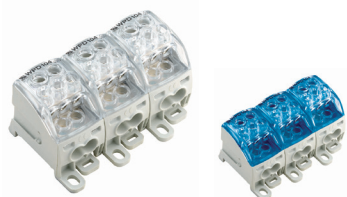
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Drawings

