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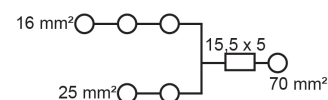
www.weidmüller.com

W-Series**WPD 106 1X70/2X25+3X16 GY****General ordering data**

Type	WPD 106 1X70/2X25+3X16 GY
Order No.	1562210000
Version	W-Series, Phase distributor block, Terminal rail/ mounting plate
GTIN (EAN)	4050118385281
Qty.	1 pc(s)

Colour types

GY (light grey)	1562210000
BL (blue)	2518570000

**Dimensions and weights**

Width	39.5 mm (1.555 inch)
Height	70 mm (2.933 inch)
Depth	50.4 mm (1.984 inch)
Net weight	200 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

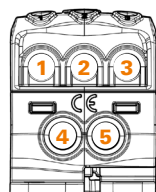
Rating data

Rated cross-section	70 / 25 / 16 mm²
Rated voltage	1,000 V
Rated current - Copper	192 A (1x70 mm²)
Standards	IEC 60947-7-1
Pollution degree	3

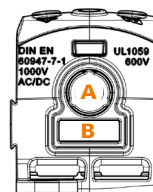
Rated AC voltage	1,000 V AC
Rated DC voltage	1,000 V DC
Max. current - Copper	215 A (Flat band 15.5x5 mm)
Rated impulse withstand voltage	8 kv
Surge voltage category	III

Conductor connection data

input	connection point A				CP** B
	Copper		Aluminium*		Copper
					
70 mm ²	10 Nm				
50 mm ²					
35 mm ²					
25 mm ²		10 Nm	13.6 Nm	13.6 Nm	
16 mm ²					
10 mm ²					
6 mm ²					
Flat band 15.5x5 mm					2 Nm
Stripping lengths	19 mm				17 mm
Allen screw	M8				M5



output

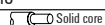


input

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

* Values according to UL 1059

** CP - connection point



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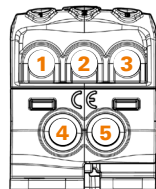
Rating data IECEx/ATEX

Certificate No. (IECEx)	IECEx CNEX 16.0005U
Max. voltage (IECEx)	550 V (on Terminal rail) 880 V (on Mounting plate)
Current (IECEx)	160 A

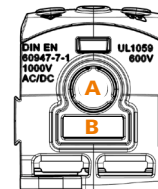
Certificate No. (ATEX)	CNEX 16 ATEX 0005U
Max. voltage (ATEX)	550 V (on Terminal rail) 880 V (on Mounting plate)
Current (ATEX)	160 A

UL rating data

Certificate No. (UR)	XCFR2.E60693				
Input (line)	connection point A				CP* B
	Copper		Aluminium		Copper
AWG 2/0	88.5 Lb In.	88.5 Lb In.	120.4 Lb In.	100 Lb In.	17.4 Lb In.
AWG 1/0					
AWG 2					
AWG 4					
AWG 6					
AWG 8					
AWG 10					
Flat band 15.5x3.2 mm					
Max. current	160 A	150 A	135 A	120 A	160 A
Voltage size B,C (UR)	600 V				



output



input

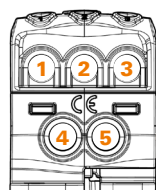
output (load)	connection point 1/2/3				connection point 4/5			
	Copper		Aluminium		Copper		Aluminium	
AWG 4	22.6 Lb In.	22.6 Lb In.	45.1 Lb In.	22.6 Lb In.	22.6 Lb In.	22.6 Lb In.	45.1 Lb In.	45.1 Lb In.
AWG 6								
AWG 8								
AWG 10								
AWG 12								
AWG 14								
AWG 16								
Max. current	65 A	50 A	50 A	85 A	65 A	65 A	50 A	50 A
Voltage size B,C (UR)	600 V							

Stranded
 Solid core
 Finely stranded with wire-end ferrule
 Flat band

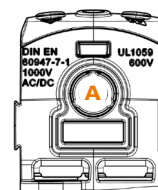
CSA rating data

Certificate No. (CSA)	269832		
	input	output	
	CP* A	CP* 1/2/3	CP* 4/5
AWG 2/0	10 Nm	2 Nm	2.5 Nm
AWG 1/0			
AWG 2			
AWG 4			
AWG 6			
AWG 8			
AWG 10			
AWG 12			
AWG 14			
AWG 16			
Max. current	175 A	50 A	65 A
Voltage size C (CSA)	600 V		

*CP- connection point



output



input

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Drawings

