

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

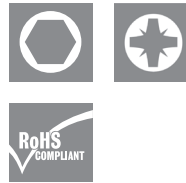
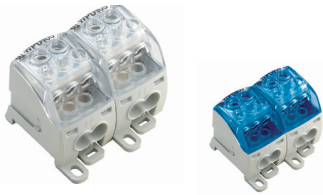
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www.weidmüller.com

W-Series

WPD 205 2X35/4X25+6X16

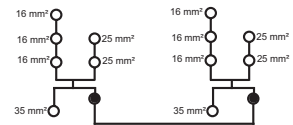


General ordering data

Type	WPD 205 2X35/4X25+6X16 2XGY
Order No.	1562180000
Version	W-Series, Phase distributor block, Terminal rail/ mounting plate
GTIN (EAN)	4050118385267
Qty.	1 pc(s)

Colour types

GY (light grey)	1562180000
BL (blue)	2519470000



Dimensions and weights

Width	71.2 mm (2.803 inch)
Height	70 mm (2.756 inch)
Depth	53.7 mm (2.114 inch)
Net weight	288 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

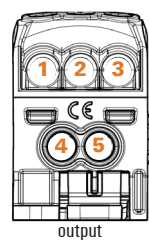
Rating data

Rated cross-section	35 / 25 / 16 mm²
Rated voltage	1,000 V
Rated current - Copper	125 A (1x35 mm²)
Standards	IEC 60947-7-1
Pollution degree	3

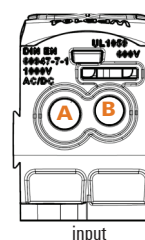
Rated AC voltage	1,000 V AC
Rated DC voltage	1,000 V DC
Max. current - Copper	214 A (2x25 mm²)
Rated impulse withstand voltage	8 kv
Surge voltage category	III

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

input	connection point A				
	Copper		Aluminium*		
					
35 mm ²	3.5 Nm		11.3 Nm		
25 mm ²					
16 mm ²			3.5 Nm		
10 mm ²					
6 mm ²					
4 mm ²					
2.5 mm ²					
Stripping lengths	19 mm				
Allen screw	M8				



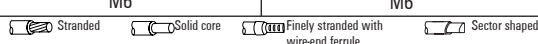
output



input

output	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
												
25 mm ²												
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	M6				M6				M6			

* Values according to UL 1059



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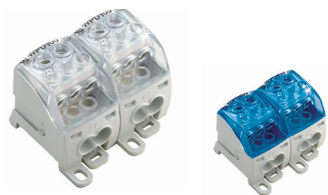
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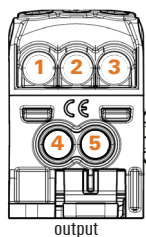
Rating data IECEx/ATEX according to IEC 60079-0, IEC 60079-7

Certificate No. (IECEx)	IECEx CNEX 16.0005U
Max. voltage (IECEx)	690 V (on Terminal rail) 690 V (on Mounting plate)
Current (IECEx)	125 A

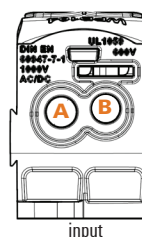
Certificate No. (ATEX)	CNEX 16 ATEX 0005U
Max. voltage (ATEX)	690 V (on Terminal rail) 690 V (on Mounting plate)
Current (ATEX)	125 A

UL rating data according to UL 1059

Certificate No. (UR)	XCFR2.E60693			
Input (line)	connection point A			
	Copper		Aluminium	
				
AWG 2	31 Lb In.	31 Lb In.	100 Lb In.	100 Lb In.
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
Max. current	115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V			



output



input

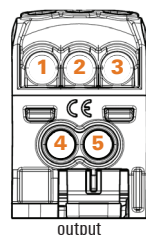
output (load)	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
												
AWG 4	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	22.1 Lb In.	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	22.1 Lb 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

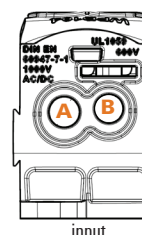
CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			
	input	output		
	CP* A	CP* 1/2/3	CP* 4/5	CP* B
AWG 2	3.5 Nm	2.5 Nm	2.5 Nm	2.5 Nm
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
AWG 16				
Max. current	115 A	65 A	85 A	65 A
Voltage size C (CSA)	600 V			

*CP- connection point



output



input

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Drawings

