

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

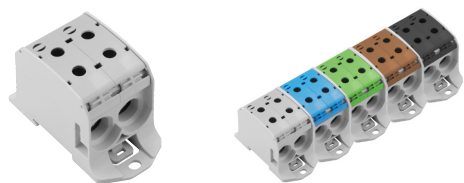
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W-Series**WPD 231 2X95/2X95 GY****General ordering data**

Type	WPD 231 2X95/2X95 GY
Order No.	2502700000
Version	W-Series, Distribution block, Rated cross-section: 95mm², Terminal rail/mounting plate
GTIN (EAN)	4050118516524
Qty.	1 pc(s)

Dimensions and weights

Width	47 mm (1.85 inch)
Height	93 mm (3.661 inch)
Depth	57 mm (2.244 inch)
Net weight	178 g

Raiting data

Rated cross-section	95 mm²
Rated AC voltage	1,000 V AC
Rated current CU	232 A
Standards	IEC 60947-7-1
Pollution severity	3
Power loss according to IEC 60947-7-x	on request

Raiting data IECEx/ATEX

Certificate No. (ATEX)	CNEX 18 ATEX 0016U
Max. voltage (ATEX)	880 V
Current (ATEX)	232 A

UL rating data

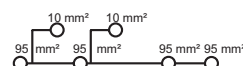
Certificate No. (UR)	XCFR2.E60693
Current size B,C (UR) - CU	200 A
Voltage size B,C (UR)	600 V
Wire cross section max. (UR)	6 AWG str.

CSA rating data

Certificate No. (cURus)	XCFR2.E60693
Current size B,C (cURus) - CU	200 A
Voltage size B,C (cURus)	600 V
Wire cross section max. (cURus)	6 AWG str.

Colour types

GY (light grey)	2502700000
BL (blue)	2502710000
GN (green)	2502720000
BN (brown)	2502730000
BK (black)	2502740000

**Material data and temperatures**

Material body	Aluminium (tin plated)
Material housing	PA (Halogen-free)
UL 94 flammability rating	V-0
Continuous operating temp. area	-50 °C - 120 °C

Rated voltage	1,000 V
Rated AC voltage	1,000 V DC
Rated current (AI)	200 A
Rated impulse withstand voltage	8 kv
Surge voltage category	III
Contact resistance according to IEC 60947-7-x	on request

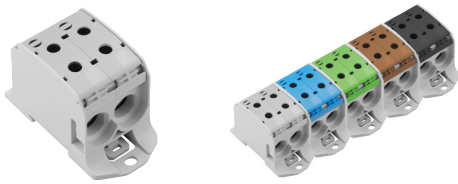
Certificate No. (IECEx)	IECEx CNEX 18.0010U
Max. voltage (IECEx)	880 V
Current (IECEx)	232 A

Current size B,C (UR) - AI	155 A
Voltage size B,C (UR)	600 V
Wire cross section min. (UR)	3/0 AWG str.

Current size B,C (cURus) - AI	155 A
Voltage size C (cURus) - AI	600 V
Wire cross section min. (cURus)	3/0 AWG str.

W-Series

WPD 231 2X95/2X95 GY



Conductor connection data

Input (x2) / Output (x2)	Copper	Aluminium
	 	 
95 mm ²	19 Nm	22.6 Nm
70 mm ²		
50 mm ²		
35 mm ²		
25 mm ²	14 Nm	22.6 Nm
16 mm ²		
10 mm ²		
Max. current at 2x 95 mm ² (according to IEC)	400 A	360 A
Stripping lengths	26 mm	
Allen screw	M14 (SW 6 mm)	

Input (x2) / Output (x2)	Copper	Aluminium
	 	 
AWG 3/0	200Lb In.	200Lb In.
AWG 2/0		
AWG 1/0		
AWG 2		
AWG 4	200Lb In.	200Lb In.
AWG 6		
AWG 8		
Max. current at 1x 95 mm ² (according to UL)	200 A	155 A
Stripping lengths	26 mm	
Allen screw	M14 (SW 6 mm)	

Auxiliary connectin

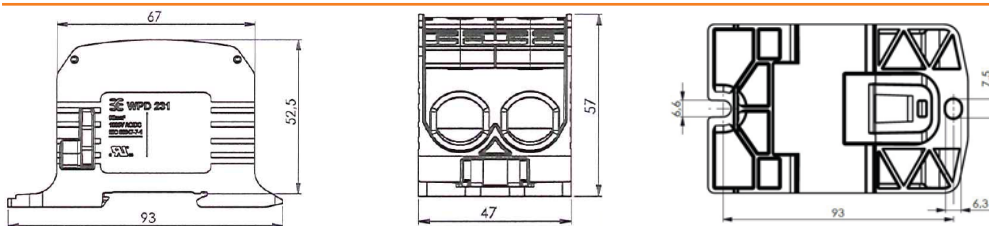
	Copper
	 
10 mm ²	1.2 Nm
6 mm ²	
4 mm ²	
2.5 mm ²	
1.5 mm ²	1.2 Nm
Max. current	
Stripping lengths	
Screw	M4 (+/- PZ2)

 Stranded
  Solid core
  Finely stranded with wire-end ferrule
  Sector shaped

	Copper
	 
AWG 8	20.3Lb In.
AWG 10	
AWG 12	
AWG 14	
AWG 16	20.3Lb In.
Max. current	
Stripping lengths	
Screw	M4 (+/- PZ2)

 Stranded
  Solid core
  Finely stranded with wire-end ferrule
  Sector shaped

Drawings



P [W]

WPD 231

Power loss diagram for copper conductors

