

Power distribution

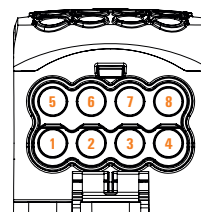
Screw connection

W-Series

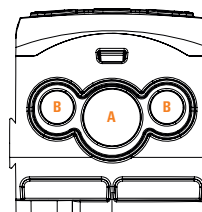
WPD 107 1X95/2X35+8X25



WPD 107

95 mm²

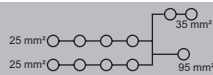
output



input

Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

51 / 54.5 / 73	
232 / 95	
1,5...95	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	95 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	95 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
Flexible with ferrule	95 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
Stripping length / Blade size	95 mm ²	mm/-
	35 mm ²	mm/-
	25 mm ²	mm ²
Tightening torque		Nm
Note		

Ordering data

Version	
	grey
	blue
	red
	black
Note	

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			440
270			232
95			95

8 kV / 3
III / V-0

CE Ex II 2 GD Ex eb IIC Gb CNEX 16 ATEX0005U

Rated connection	
16...95 / 16...95	
4...35 / 4...35	
2.5...25 / 2.5...25	
10...70	
2.5...25	
1.5...16	
14 / M12	
12 / M8	
12 / M6	

see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 107 1X95/2X35+8X25 GY	1	1562220000
WPD 107 1X95/2X35+8X25 BL	1	2521730000
WPD 107 1X95/2X35+8X25 RD	1	2725350000
WPD 107 1X95/2X35+8X25 BK	1	2725450000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

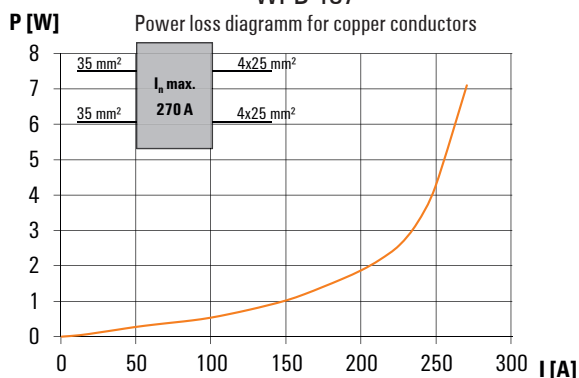
Conductor connection data according to IEC 60947-7-1 (Cu)

connection point A				
Input	Copper		Aluminium*	
				
95 mm²	14 Nm			
70 mm²		14 Nm	22,6 Nm	22,6 Nm
50 mm²				
35 mm²				
25 mm²				
16 mm²				
10 mm²				
Stripping lengths	14 mm			
Allen screw	M12			

* Values according to UL 1059

* Values according to UL 1059

WPD 107



connection point 1 - 8					connection point B			
Output	Copper		Aluminium*		Copper		Aluminium*	
								
35 mm ²	2,5 Nm	2,5 Nm	5,1 Nm	5,1 Nm	3,5 Nm	3,5 Nm	11,3 Nm	11,3 Nm
25 mm ²								
16 mm ²								
10 mm ²								
6 mm ²								
4 mm ²								
2.5 mm ²								
1.5 mm ²								
Stripping lengths	12 mm				12 mm			
Allen screw	M6				M8			
* Values according to UL 1059								

* Values according to UL 1059

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)		XCFR2.E60693			
connection point A					
Input (line)	Copper		Aluminium		
					
AWG 3/0	124 Lb In.	124 Lb In.	200 Lb In.	200 Lb In.	
AWG 2/0					
AWG 1/0					
AWG 2					
AWG 4					
AWG 6					
AWG 8					
max. current	200 A	175 A	155 A	130 A	
Voltage size B,C (UR)	600 V				

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)		269832		
	Input		Output	
	CP* A	CP* 1 - 8	CP* B	
AWG 3/0	14 Nm.	2,5 Nm	6 Nm	
AWG 2/0				
AWG 1/0				
AWG 2				
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
max. current	200 A	85 A	115 A	
Voltage size C (CSA)	600 V			

* CP - connection point

output (load)	connection point 1 - 8				connection point B			
	Copper		Aluminium		Copper		Aluminium	
								
AWG 2	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.	31 Lb In.	31 Lb In.	100 Lb In.	100 Lb In.
AWG 4								
AWG 6								
AWG 8								
AWG 10								
AWG 12								
AWG 14								
AWG 16								
max. current	85 A	65 A	65 A	50 A	115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V							

 Stranded
  Solid
  Flexible with ferrule

