

WPD 113 1X185+1X150/8X35 RD**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

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Our WPD 1XX distribution blocks are used in all situations where power is supplied and distributed. Their user-friendly design creates a better overview and enables Rapid, efficient implementation of space-saving power distribution.

General ordering data

Version	W-Series, Distribution block, Rated cross-section: 185 mm ² , Screw connection
Order No.	2730350000
Type	WPD 113 1X185+1X150/8X35 RD
GTIN (EAN)	4064675034988
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	80.3 mm	Depth (inches)	3.161 inch
Height	126.3 mm	Height (inches)	4.972 inch
Width	62.6 mm	Width (inches)	2.465 inch
Net weight	740 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	red
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	10	Rail	TS 35, Mounting plate
N-function	No	PE function	No
PEN function	No		

Additional technical data

Open sides	closed	Snap-on	Yes
Type of mounting	Snap-on, Direct mounting		

Conductors for clamping (rated connection)

Connection direction	on side	Number of connections	10
Type of connection	Screw connection		

General

Number of poles	1	Rail	TS 35, Mounting plate
Standards	IEC 60947-7-1		

Rating data

Rated cross-section	185 mm ²	Rated voltage	1,000 V
Rated AC voltage	1,000 V AC	Rated DC voltage	1,500 V DC
Rated current	353 A	Standards	IEC 60947-7-1
Rated impulse withstand voltage	8 kV	Pollution severity	3
Surge voltage category	III		

UL rating data

Certificate No. (cURus)	E60693		
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Technical data

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

Approval/Certificate/Document of Conformity	VDE Certificate DNV Certificate UKCA Declaration of Conformity
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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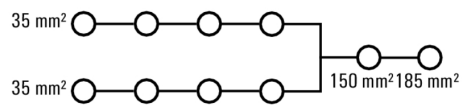
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Drawings



Power distribution

Screw connection

W-Series

WPD 113 1X185+1X150/8X35 GY

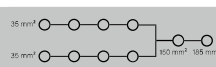


WPD 113

185 mm²

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

62.6 / 80.3 / 126.3
353 / 185
2.5...185



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	185 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	150 mm ²	mm ²
	35 mm ²	mm ²
Flexible with ferrule	150 mm ²	mm ²
	35 mm ²	mm ²
Stripping length / Blade size	185 mm ²	mm/-
	150 mm ²	mm/-
	35 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
353	310	310	
185	350 kcmil	350 kcmil	
	8 kV / 3		
	III / V-0		

Rated connection

70...150 / 70...150
4...35 / 4...35
50...120 / 50...120
2.5...25
33 / M16
28 / M16
16 / M8
siehe Anhang am Kapitelende



B

Ordering data

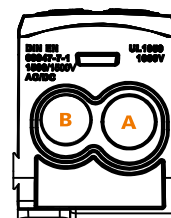
Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 1X185+1X150/8X35 GY	1	2603740000
WPD 1X185+1X150/8X35 BL	1	2603750000
WPD 1X185+1X150/8X35 RD	1	2730350000
WPD 1X185+1X150/8X35 BK	1	2730360000

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

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

Input	connection point A		connection point B			
	Copper		Copper			
						
185 mm ²	25 Nm	25 Nm	25 Nm	25 Nm		
150 mm ²						
120 mm ²						
95 mm ²						
70 mm ²						
50 mm ²						
Stripping lengths	33 mm		28 mm			
Allen screw	M16		M16			

 Mehrdrhtig  Eindrhtig  Feindrhtig mit Aderendhuse

connection point 1–8		
Output	Copper	
		
35 mm²	6 Nm	
25 mm²		6 Nm
16 mm²		
10 mm²		
6 mm²		
4 mm²		
2,5 mm²		
Stripping lengths	16 mm	
Allen screw	M8	

UL Rating data according to UL 1059

Certificate no. (UR)		XCFR2.E60693						
Input (line)	connection point A		connection point B					
	Copper		Aluminium					
								
350 kcmil	249.6 Lb In.	249.6 Lb In.	398.3 Lb In.	398.3 Lb In.	249.6 Lb In.	249.6 Lb In.	398.3 Lb In.	398.3 Lb In.
300 kcmil								
250 kcmil								
AWG 4/0								
AWG 3/0					249.6 Lb In.			
AWG 2/0								
AWG 1/0								
max. current	310 A	285 A	250 A	230 A	285 A	255 A	230 A	205 A
Voltage size B,C (UR)	1000 V				1000 V			

Output	connection point 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8			
	Copper		Aluminium	
				
AWG 2	124.8 Lb In.	124.8 Lb In.	124.8 Lb In.	124.8 Lb In.
AWG 3				
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
max. current	115 A	100 A	90 A	75 A
Voltage size B,C (UR)	1000 V			

 Stranded  Solid  Flexible with ferrule

B

