WPD 113 1X185+1X150/8X35 GY

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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 mm², Screw connection, Terminal rail / mounting plate
Order No.	2603740000
Type	WPD 113 1X185+1X150/8X35 GY
GTIN (EAN)	4050118681420
Qty.	1 pc(s).

Creation date May 6, 2022 6:47:08 PM CEST

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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		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Material data

Material	Wemid	Colour	Light Grey
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

Installation advice	Terminal rail / mounting plate	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

Installation advice	Terminal rail / mounting plate	Number of poles	1
Rail	TS 35, Mounting plate	Standards	IEC 60947-7-1

Rating data

Rated cross-section	185 mm²	Rated voltage	1,000 V
Rated AC voltage	1,000 V	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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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		

Approvals

Approvals	
ROHS	Conform
UL File Number Search	E60693

Downloads

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

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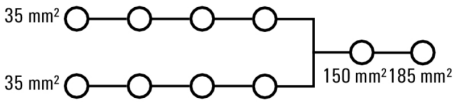
Drawings

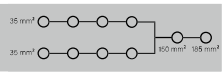


W-Series
WPD 113 1X185+1X150/8X35 GY

WPD 113 — 185 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

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 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	150 mm²	mm²
	35 mm²	mm²
Flexible with ferrule	150 mm²	mm²
	35 mm²	mm²
Stripping length / Blade size	185 mm²	mm/-
	150 mm²	mm/-
	35 mm²	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

Ordering data

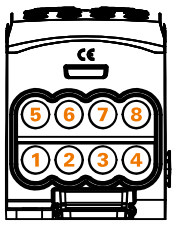
Version	
	grey
	blue
	red
	black
Note	

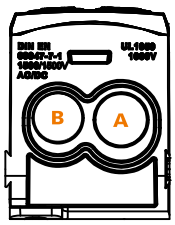
Type	Qty.	Order No.
WPD 1X185+1X150/8X35 GY	1	2603740000
WPD 1X185+1X150/8X35 BL	1	2603750000
WPD 1X185+1X150/8X35 RD	1	2730350000
WPD 1X185+1X150/8X35 BK	1	2730360000

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 Copper		connection point B Copper	
185 mm²	25 Nm			
150 mm²		25 Nm	25 Nm	25 Nm
120 mm²				
95 mm²				
70 mm²				
50 mm²				
Stripping lengths	33 mm		28 mm	
Allen screw	M16		M16	

Output	connection point 1–8 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	

Mehrdrähtig

Eindrähtig

Feindrähtig mit Aderendhülse

UL Rating data according to UL 1059

Certificate no. (UR)	XCFR2.E60693							
Input (line)	connection point A Copper		connection point A Aluminium		connection point B Copper		connection point B Aluminium	
350 kcmil	249.6 Lb In.		398.3 Lb In.		249.6 Lb In.		398.3 Lb In.	
300 kcmil		249.6 Lb In.		398.3 Lb In.				
250 kcmil						249.6 Lb In.		398.3 Lb In.
AWG 4/0								
AWG 3/0								
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		connection point 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 Aluminium	
AWG 2	124.8 Lb In.		124.8 Lb In.	
AWG 3		124.8 Lb In.		124.8 Lb In.
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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Weidmuller:
2603740000