

WPD 111 1X95/4X35 RD

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	Potential distributor terminal, Screw connection, red, 95 mm ² , 232 A, 1000 V, Number of connections: 5, Number of levels: 1
Order No.	2730310000
Type	WPD 111 1X95/4X35 RD
GTIN (EAN)	4050118844955
Qty.	1 items

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Technical data

Approvals

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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693
Certificate no. (cULus)	E511333

Dimensions and weights

Depth	69.4 mm	Depth (inches)	2.7323 inch
Height	105 mm	Height (inches)	4.1338 inch
Width	36.6 mm	Width (inches)	1.4409 inch
Net weight	240 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2

Material data

Basic 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	5	Levels cross-connected internally	No
Mounting rail	TS 35, Mounting plate	N-function	No
PE function	No	PEN function	No

Additional technical data

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

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 4/0	Connection direction	on side
Type of connection 2	Screw connection	Type of connection	Screw connection

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Number of connections	5	Clamping range, max.	95 mm ²
Clamping range, min.	2.5 mm ²	Wire connection cross section AWG, min.	AWG 8
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	70 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm ²	Wire connection cross section, finely stranded, max.	0 mm ²
Wire connection cross section, finely stranded, min.	2.5 mm ²	Connection cross-section, stranded, max.	95 mm ²
Connection cross-section, stranded, min.	2.5 mm ²	Wire connection cross-section, solid core, max.	95 mm ²
Wire connection cross-section, solid core, min.	2.5 mm ²		

General

Number of poles	1	Wire connection cross section AWG, max.	AWG 4/0
Wire connection cross section AWG, min.	AWG 8	Standards	IEC 60947-7-1
Mounting rail	TS 35, Mounting plate		

Rating data

Rated cross-section	95 mm ²	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1500 V
Nominal current	232 A	Current at maximum wires	232 A
Standards	IEC 60947-7-1	Rated impulse withstand voltage	8 kV
Surge voltage category	III	Pollution severity	3

UL rating data

Certificate No. (cURus)	E60693
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Important note

Product information	The socket complies with flammability class V-2 according to UL94.
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Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

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Drawings

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

Input	connection point A		Output	connection point A	
	Copper	Aluminum		Copper	Aluminum
1x 95 mm²	14 Nm	14 Nm	1x 35 mm²	6 Nm	6 Nm
95 mm²			35 mm²		
70 mm²			25 mm²		
50 mm²			18 mm²		
35 mm²			10 mm²		
25 mm²			6 mm²		
16 mm²			4 mm²		
10 mm²			2.5 mm²		
Stripping lengths	21 mm		10 mm		
Allen screw	M12		M8		



Conductor connection data according to 1059 (Al+Cu)

Input (line)	connection point A				Output	connection point 1 / 2 / 3 / 4			
	Copper	Aluminum	Copper	Aluminum		Copper	Aluminum	Aluminum	
AWG 4/0					AWG 2				
AWG 3/0					AWG 3				
AWG 2/0					AWG 4	124.8 lb. in.	124.8 lb. in.	124.8 lb. in.	
AWG 1/0					AWG 6				
AWG 1	200 lb. in.	200 lb. in.	200 lb. in.	200 lb. in.	AWG 8				
AWG 2					AWG 10				
AWG 3					AWG 12				
AWG 4					max. current	115 A	100 A	90 A	75 A
AWG 6					Voltage size B.C (ØR)		1000 V		
AWG 8									
Max. current	230 A	200 A	180 A	155 A					
Voltage size B.C (ØR)	1000 V								

