

**WPD 111 1X95/4X35 RD****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 mm², 232 A, 1000 V, Number of connections: 5, Number of levels: 1, TS 35, Mounting plate, V-O, Wemid
Order No.	<a href="#">2730310000</a>
Type	WPD 111 1X95/4X35 RD
GTIN (EAN)	4050118844955
Qty.	1 pc(s).

Creation date August 28, 2024 9:53:59 AM CEST

Catalogue status 17.08.2024 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Depth	69.4 mm	Depth (inches)	2.732 inch
Height	105 mm	Height (inches)	4.134 inch
Width	36.6 mm	Width (inches)	1.441 inch
Net weight	240 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	5	Levels cross-connected internally	No
Rail	TS 35, Mounting plate	N-function	No
PE function	No	PEN function	No

## Additional technical data

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

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## Conductors for clamping (rated connection)

Connection direction	on side	Number of connections	5
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	95 mm <sup>2</sup>	Rated voltage	1,000 V
Rated AC voltage	1,000 V	Rated DC voltage	1,500 V
Rated current	232 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	ETIM 9.0	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	ECLASS 13.0	27-25-01-19
ECLASS 14.0	27-25-01-19		

## Environmental Product Compliance

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

## Important note

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

Approvals



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

## Downloads

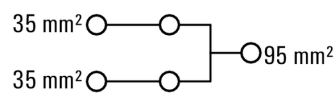
Approval/Certificate/Document of Conformity	<a href="#">CB Certificate</a> <a href="#">VDE Certificate</a> <a href="#">DNV Certificate</a> <a href="#">UL certificate</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Manual - How to connect aluminum wires in WPD-Terminal blocks</a> <a href="#">Torque_Conductor_Connection_Data_WPD_EN</a> <a href="#">Drehmoment_Leiteranschlussdaten_WPD_DE</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Drawings



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






connection point A		connection point B	
Input	Output	Input	Output
1x 95 mm²	1x 25 mm²	1x 95 mm²	1x 25 mm²
95 mm²	25 mm²	95 mm²	25 mm²
75 mm²	25 mm²	75 mm²	25 mm²
50 mm²	16 mm²	50 mm²	16 mm²
35 mm²	10 mm²	35 mm²	10 mm²
25 mm²	6 mm²	25 mm²	6 mm²
16 mm²	4 mm²	16 mm²	4 mm²
10 mm²	2.5 mm²	10 mm²	2.5 mm²
Stripping length	27 mm	Stripping length	18 mm
Alarm range	80°C	Alarm range	100

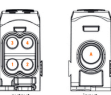
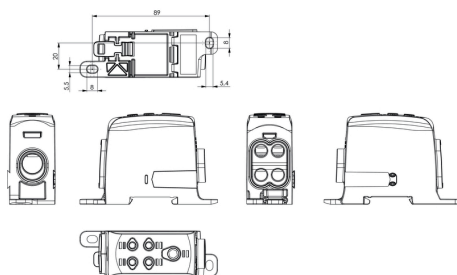
 Standard   
  Solid   
  Flexible with female   
  Sector shaped   
  Flat band



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

connection point A		connection point B	
Input	Output	Input	Output
95 mm²	25 mm²	95 mm²	25 mm²
75 mm²	25 mm²	75 mm²	25 mm²
50 mm²	16 mm²	50 mm²	16 mm²
35 mm²	10 mm²	35 mm²	10 mm²
25 mm²	6 mm²	25 mm²	6 mm²
16 mm²	4 mm²	16 mm²	4 mm²
10 mm²	2.5 mm²	10 mm²	2.5 mm²
Stripping length	27 mm	Stripping length	18 mm
Alarm range	80°C	Alarm range	100

 Standard   
  Solid   
  Flexible with female   
  Sector shaped   
  Flat band

## Power distribution

### Screw connection

#### W-Series

#### WPD 111 1X95/4X35 GY



WPD 111

95 mm<sup>2</sup>

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

36.6 / 69.4 / 105	35 mm <sup>2</sup> — 95 mm <sup>2</sup>
232 / 95	35 mm <sup>2</sup> — 95 mm <sup>2</sup>
2.5...95	

#### Technical data

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

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

IEC	UL	CSA	EN 60079-7
1000	1000		
232	230		
95	AWG 4/0		
	8 kV / 3		
	III / V-0		

#### Bemessungsanschluss

16...95 / 16...95
4...35 / 4...35
10...70
2.5...25
21 / M12
16 / M8
see appendix at the end of the chapter

#### Ordering data

Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 111 1X95/4X35 GY	1	2603790000
WPD 111 1X95/4X35 BL	1	2603800000
WPD 111 1X95/4X35 RD	1	2730310000
WPD 111 1X95/4X35 BK	1	2730320000



#### 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





connection point A		
Copper		
Input		
1x 95 mm <sup>2</sup>	14 Nm	14 Nm
95 mm <sup>2</sup>		
70 mm <sup>2</sup>		
50 mm <sup>2</sup>		
35 mm <sup>2</sup>		
25 mm <sup>2</sup>		
16 mm <sup>2</sup>		
10 mm <sup>2</sup>		
Stripping lengths	21 mm	
Allen screw	M12	

connection point A		
Copper		
Output		
1x 35 mm <sup>2</sup>	6 Nm	6 Nm
35 mm <sup>2</sup>		
25 mm <sup>2</sup>		
16 mm <sup>2</sup>		
10 mm <sup>2</sup>		
6 mm <sup>2</sup>		
4 mm <sup>2</sup>		
2,5 mm <sup>2</sup>		
Stripping lengths	16 mm	
Allen screw	M8	

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped
  Flat band

## UL Rating data according to UL 1059

Certificate no. (UR) XCFR2.E60693				
connection point A				
Input (line)	Copper		Aluminium	
				
AWG 4/0	200 Lb In.	200 Lb In.	200 Lb In.	200 Lb In.
AWG 3/0				
AWG 2/0				
AWG 1/0				
AWG 1				
AWG 2				
AWG 3				
AWG 4				
AWG 6				
AWG 8				
max. current	230 A	200 A	180 A	155 A
Voltage size B,C (UR)	1000 V			

connection point 1 / 2 / 3 / 4				
Output	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			

B

