

W-Series
WPD 105 1x35+1x16/2x25+3x16 BL

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Product image**Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

Type	WPD 105 1x35+1x16/2x25+3x16 BL
Order No.	2518540000
Version	W-Series, Distribution block, Rated cross-section: Terminal rail / mounting plate
GTIN (EAN)	4050118531831
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Width	35.6 mm	Width (inches)	1.402 inch
Height	70 mm	Height (inches)	2.756 inch
Depth	53.7 mm	Depth (inches)	2.114 inch
Net weight	138 g		

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection	Tightening torque (clamping screw for aluminium conductors)	11.3 Nm (35 mm ²) / 5.1 Nm (16 mm ²)
Tightening torque (clamping screw for copper conductors)	3.5 Nm (35 mm ²) / 2.5 Nm (25 mm ²)		

Additional technical data

Installation advice	Terminal rail / mounting plate	Type of mounting	Snap-on
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CSA rating data

Certificate number (cCSAus)	70128467
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Rating data

Rated AC voltage	1,000 V AC	Rated DC voltage	1,000 V DC
Rated current	125 A	Current at maximum wires	125 A
Standards	IEC 60947-7-1, UL 1059		

UL rating data

Certificate No. (UR)	E60693
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Classifications

ETIM 5.0	EC001329	ETIM 6.0	EC000897
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Product information

Product information	Power distribution block (Bus Bar) also usable for distribution of neutral conductor and function earth.
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Data sheet**W-Series**
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Approvals



ROHS

Conform

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Conformity[Attestation of Conformity](#)

Engineering Data

[STEP](#)

Technical data

Inputs

Number of connections

Solid

Stranded

Flexible with ferrule

Ribbon cable

Torque

Clamping screw

Stripping length

Outputs

Number of connections

Solid

Stranded

Flexible with ferrule

Torque

Clamping screw

Stripping length

No. of poles

Note

IEC 60947-7-1, UL 1059

top	mid./left	mid./mid.	mid./right	bottom
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	1		1	
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	4...35mm ²		1.5...16mm ²	
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	4...35mm ²		1.5...16mm ²	
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	2.5...25mm ²		1.5...10mm ²	
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	3.5Nm		2.5Nm	
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	M 8		M 6	
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	19mm		19mm	
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top	mid./left	mid./mid.	mid./right	bottom
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3				2
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1.5...16mm ²				2.5...25mm ²
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1.5...16mm ²				2.5...25mm ²
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1.5...10mm ²				1.5...16mm ²
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2.5Nm				2.5Nm
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M 6				M 6
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12mm				14mm
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