W-Series
WPD 104 1x25+1x16/2x16+3x10 BL

Weidmüller Interface GmbH & Co. KG
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Product image



RoHS COMPLIANT

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 104 1x25+1x16/2x16+3x10 BL
Order No.	2518250000
Version	W-Series, Distribution block, Rated cross-section: Terminal rail / mounting plate
GTIN (EAN)	4050118538267
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	31.5 mm	Width (inches)	1.24 inch
Height	68 mm	Height (inches)	2.677 inch
Depth	49 mm	Depth (inches)	1.929 inch
Net weight	106.4 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)	5.1 Nm (10 mm²)
Tightening torque (clamping screw for copper conductors)	2.5 Nm (25 mm²) / 2 Nm (10 mm²)		

Additional technical data

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

CSA rating data

Certificate number (cCSAus)	70128467

Rating data

Rated AC voltage	1,000 V AC	Rated DC voltage	1,000 V DC
Rated current	101 A	Current at maximum wires	101 A
Standards	IEC 60947-7-1, UL 1059		

UL rating data

Certificate No. (UR)	E60693

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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Technical data

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity
Engineering Data	STEP

Technical data

IEC 60947-7-1, UL 1059

Inputs	top	mid./left	mid./mid.	mid./right	bottom
Number of connections		1		1	
Solid		2.5...25mm²		1.5...16mm²	
Stranded		2.5...25mm²		1.5...16mm²	
Flexible with ferrule		1.5...16mm²		1.5...10mm²	
Ribbon cable					
Torque		2.5Nm		2.5Nm	
Clamping screw		M 6		M 6	
Stripping length		19mm		19mm	

Outputs	top	mid./left	mid./mid.	mid./right	bottom
Number of connections	3				2
Solid	1.5...10mm²				1.5...16mm²
Stranded	1.5...10mm²				1.5...16mm²
Flexible with ferrule	1.5...6mm²				1.5...10mm²
Torque	2Nm				2.5Nm
Clamping screw	M 5				M 6
Stripping length	12mm				14mm

No. of poles	1

Note