W-Series
WPD 100 2X25/6X10 BL

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Product image



Power distribution
You safely and efficiently distribute electricity to the power consumers with our W-Series feed-through terminal blocks and our optimised WPD phase distribution blocks.

General ordering data

Type	WPD 100 2X25/6X10 BL
Order No.	1561920000
Version	W-Series, Distribution block, Rated cross-section: Screw connection, Terminal rail / mounting plate
GTIN (EAN)	4050118367119
Qty.	3 pc(s).

Weidmüller

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Technical data

Dimensions and weights

Width	30.2 mm	Width (inches)	1.189 inch
Height	55.4 mm	Height (inches)	2.181 inch
Depth	49 mm	Depth (inches)	1.929 inch
Net weight	102 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		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Material data

Material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection	Tightening torque (clamping screw for aluminium conductors)	4 Nm (16 mm²) / 4 Nm (25 mm²)
Tightening torque (clamping screw for copper conductors)	3 Nm (25 mm²) / 2 Nm (10 mm²)	End cover plate required	No
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
N-function	Yes	PE function	No
PEN function	No		

Additional technical data

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

Conductors for clamping (rated connection)

Connection direction	on side	Type of connection	Screw connection

Rating data

Rated AC voltage	690 V AC	Rated DC voltage	690 V DC
Rated current	100 A	Current at maximum wires	100 A
Standards	IEC 60998-2-1		

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		

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Technical data

Approvals

Approvals	
ROHS	Conform

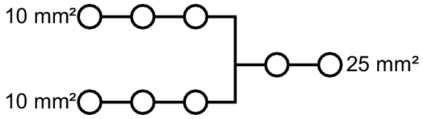
Downloads

Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP

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Drawings



Technical data

IEC 60998-2-1

Inputs	top	mid./left	mid./mid.	mid./right	bottom
Number of connections		1		1	
Solid		2.5...25mm²		2.5...25mm²	
Stranded		2.5...25mm²		2.5...25mm²	
Flexible with ferrule		1.5...16mm²		1.5...16mm²	
Ribbon cable					
Torque		3Nm		3Nm	
Clamping screw		M 6		M 6	
Stripping length		17mm		17mm	

Outputs	top	mid./left	mid./mid.	mid./right	bottom
Number of connections	3				3
Solid	1.5...10mm²				1.5...10mm²
Stranded	1.5...10mm²				1.5...10mm²
Flexible with ferrule	1.5...6mm²				1.5...6mm²
Torque	2Nm				2Nm
Clamping screw	M 5				M 5
Stripping length	9mm				9mm

No. of poles	1

Note