

WPD 107 1X95/2X35+8X25 BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

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, blue, 95 mm ² , 270 A, 1000 V, Number of connections: 11, Number of levels: 1, Mounting plate, TS 35, V-O, Wemid
Order No.	2521730000
Type	WPD 107 1X95/2X35+8X25 BL
GTIN (EAN)	4050118534245
Qty.	1 pc(s).

Creation date November 26, 2024 12:33:21 PM CET

Catalogue status 26.11.2024 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	54.5 mm	Depth (inches)	2.146 inch
Height	73 mm	Height (inches)	2.874 inch
Width	51 mm	Width (inches)	2.008 inch
Net weight	211 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	blue
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	CNEX16ATEX0005U	Certificate No. (IECEX)	IECEXCNEX16.0005U
Max. voltage (ATEX)	440 V	Current (ATEX)	232 A
Wire cross section max. (ATEX)	95 mm ²	Max. voltage (IECEX)	440 V
Current (IECEX)	232 A	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	Rail	Mounting plate, TS 35
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	Yes	Installation advice	Terminal rail / mounting plate
Open sides	closed	Type of mounting	Snap-on

CSA rating data

Certificate number (cCSAus)	70128467
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Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Connection cross-section, stranded, max.	95 mm ²	Connection direction	on side
Number of connections	11	Type of connection	Screw connection
Type of connection 2	Screw connection	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	70 mm ²
Wire connection cross-section, solid core, max.	95 mm ²		

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Technical data

General

Installation advice	Terminal rail / mounting plate	Number of poles	1
Rail	Mounting plate, TS 35	Standards	IEC 60947-7-1, UL 1059

Rating data

Rated cross-section	95 mm ²	Rated voltage	1,000 V
Rated AC voltage	1,000 V	Rated DC voltage	1,500 V
Rated current	270 A	Standards	IEC 60947-7-1, UL 1059

UL rating data

Certificate No. (cURus)	E60693
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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

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

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

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Technical data

Downloads

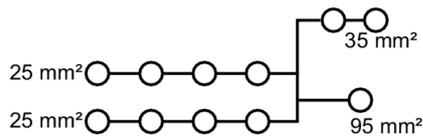
Approval/Certificate/Document of Conformity	Attestation of Conformity Attestation of Conformity UKCA Ex Attestation of Conformity CB Certificate ATEX Certificate IECEx Certificate VDE Certificate CCC Ex Certificate UKCA Ex Certificate DNV Certificate UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks DATA SHEET WPD 107 NTI WPD 107 Manual - How to connect aluminum wires in WPD-Terminal blocks Torque_Conductor_Connection_Data_WPD_EN Drehmoment_Leiteranschlussdaten_WPD_DE
Catalogues	Catalogues in PDF-format

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Drawings



Conductor connection data according to IEC 60847-1 (Cu)

Input	connection point A			
	Copper		Aluminium*	
35 mm²				
25 mm²				
16 mm²				
10 mm²				
6 mm²				
4 mm²				
2.5 mm²				
1.5 mm²				
Stripping lengths	14 mm			
Allen screw	M12			

Output	connection point 1-B		connection point B	
	Copper		Aluminium*	
35 mm²				
25 mm²				
16 mm²				
10 mm²				
6 mm²				
4 mm²				
2.5 mm²				
1.5 mm²				
Stripping lengths	12 mm		12 mm	
Allen screw	M8		M8	

*Values according to UL 1058

Stranded Solid Flexible with ferrule Sector shaped



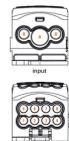
Conductor connection data according to UL 1058 (Al-Cu)

Input (level)	connection point A			
	Copper		Aluminium*	
JAWG 3/0				
JAWG 2/0				
JAWG 1/0				
JAWG 2				
JAWG 4				
JAWG 6				
JAWG 8				
JAWG 10				
JAWG 12				
JAWG 14				
JAWG 16				
max. current	200 A	175 A	155 A	130 A
Voltage size EC (0/III)	600 V			

Input (level)	connection point 1-B		connection point B	
	Copper		Aluminium*	
JAWG 2				
JAWG 4				
JAWG 6				
JAWG 8				
JAWG 10				
JAWG 12				
JAWG 14				
JAWG 16				
max. current	85 A	85 A	65 A	50 A
Voltage size EC (0/III)	600 V			

*Values according to UL 1058

Stranded Solid Flexible with ferrule



CSA rating data according to CSA 22.2 No. 158

Input	Output	
	CP A	CP B
JAWG 3/0		
JAWG 2/0		
JAWG 1/0		
JAWG 2		
JAWG 4		
JAWG 6		
JAWG 8		
JAWG 10		
JAWG 12		
JAWG 14		
JAWG 16		
max. current	200 A	85 A
Voltage size C (CSA)	600 V	
WPD (connection point)	input	

*Values according to UL 1058

Stranded Solid Flexible with ferrule

