

WPD 108 1X120/2X35+3X25+4X16 GY**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, Light Grey, 120 mm ² , 400 A, 1000 V, Number of connections: 10, Number of levels: 1, Mounting plate, TS 35, V-O, Wemid
Order No.	1562100000
Type	WPD 108 1X120/2X35+3X25+4X16 GY
GTIN (EAN)	4050118385205
Qty.	1 pc(s).

WPD 108 1X120/2X35+3X25+4X16 GY

Weidmüller Interface GmbH & Co. KG

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www.weidmueller.com

Technical data

Dimensions and weights

Depth	77 mm	Depth (inches)	3.031 inch
Height	95 mm	Height (inches)	3.74 inch
Width	51.1 mm	Width (inches)	2.012 inch
Net weight	480 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	Light Grey
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	CNEX16ATEX0005U	Certificate No. (IECEX)	IECEXCNEX16.0005U
Max. voltage (ATEX)	1100 V	Current (ATEX)	250 A
Wire cross section max. (ATEX)	120 mm ²	Max. voltage (IECEX)	1100 V
Current (IECEX)	250 A		

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	PE connection	No
Rail	Mounting plate, TS 35	N-function	Yes
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 direction	on side	Number of connections	10
Type of connection	Screw connection		

General

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

Creation date August 28, 2024 6:55:24 AM CEST

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Technical data

Rating data

Rated cross-section	120 mm ²	Rated voltage	1,000 V
Rated AC voltage	1,000 V	Rated DC voltage	1,500 V
Rated current	400 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

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

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www.weidmueller.com**Technical data****Downloads**

Approval/Certificate/Document of Conformity	Attestation of Conformity
	UKCA Ex Attestation of Conformity
	CB Certificate
	ATEX Certificate
	IECEX Certificate
	CCC Ex Certificate
	DNV Certificate
	UKCA Ex Certificate
	CE Declaration of Conformity
Engineering Data	UKCA declaration of conformity
	Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks
	DATA SHEET WPD 108
	NTI WDP 108
	Manual - How to connect aluminum wires in WPD-Terminal blocks
	Torque_Conductor_Connection_Data_WPD_EN
Catalogues	Drehmoment_Leiteranschlussdaten_WPD_DE
	Catalogues in PDF-format
Brochures	

www.weidmueller.com

Diagram illustrating a parallel circuit configuration. Three parallel branches are shown, each containing a resistor labeled with its value: 16 mm², 25 mm², and 35 mm². These three branches are connected in parallel to a single branch containing a resistor labeled 24 x 10. This parallel combination is then connected to a final resistor labeled 120 mm².

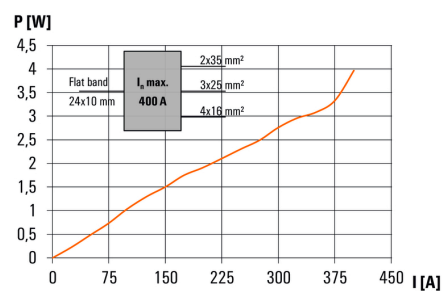
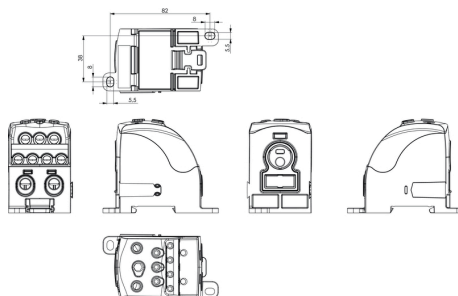
Conductor connection data according to IEC 60843-3-1 (Cu)										 											
Input	conductor class A				conductor class B				 												
	C 2.5	C 2.5	Aluminum ¹⁾	C 2.5	C 2.5	C 2.5	Aluminum ¹⁾	C 2.5	C 2.5												
100 mm ²																					
16 mm		13 Nm		13 Nm																	
10 mm																					
6 mm																					
4 mm																					
2.5 mm																					
For busbar 24/40 mm		13 Nm	22 Nm	22 Nm																	
Drum length	12 m				12 m				12 m												
Drum weight	10 kg				10 kg				10 kg												
Other sizes	see table				see table				see table												
Notes according to IEC 60843-3-1: ¹⁾ 2P conductor system																					
Conductor connection data according to IEC 60843-3-1 (Al)																					
Input	conductor class A				conductor class B				conductor class C												
	C 2.5	C 2.5	C 2.5	C 2.5	C 2.5	C 2.5	C 2.5	C 2.5	C 2.5	C 2.5	C 2.5	C 2.5									
30 mm ²																					
16 mm																					
10 mm																					
6 mm																					
4 mm																					
2.5 mm																					
For busbar 24/40 mm																					
Drum length	12 m				12 m				12 m												
Drum weight	10 kg				10 kg				10 kg												
Other sizes	see table				see table				see table												
Notes according to IEC 60843-3-1: ¹⁾ 2P conductor system																					
Shielded	C 2.5		C 2.5		C 2.5		C 2.5		C 2.5		C 2.5										
Shielded	Solid		Flexible with braid		Semi-rigid		Flat lead		Flat lead		Flat lead										

[illegible]

CSDA ranging data according to EN 22 261: 150

Confidence No. 1

	Model	Model
Model 200	0.75m	0P 10/5 0P 45/6 0P 8
Model 200	1.5m	0P 10/5 0P 45/6 0P 8
Model 200	2.25m	0P 10/5 0P 45/6 0P 8
Model 200	3m	0P 10/5 0P 45/6 0P 8
Model 200	3.75m	0P 10/5 0P 45/6 0P 8
Model 200	4.5m	0P 10/5 0P 45/6 0P 8
Model 200	5.25m	0P 10/5 0P 45/6 0P 8
Model 200	6m	0P 10/5 0P 45/6 0P 8
Model 200	6.75m	0P 10/5 0P 45/6 0P 8
Model 200	7.5m	0P 10/5 0P 45/6 0P 8
Model 200	8.25m	0P 10/5 0P 45/6 0P 8
Model 200	9m	0P 10/5 0P 45/6 0P 8
Model 200	9.75m	0P 10/5 0P 45/6 0P 8
Model 200	10.5m	0P 10/5 0P 45/6 0P 8
Model 200	11.25m	0P 10/5 0P 45/6 0P 8
Model 200	12m	0P 10/5 0P 45/6 0P 8
Model 200	12.75m	0P 10/5 0P 45/6 0P 8
Model 200	13.5m	0P 10/5 0P 45/6 0P 8
Model 200	14.25m	0P 10/5 0P 45/6 0P 8
Model 200	15m	0P 10/5 0P 45/6 0P 8
Model 200	15.75m	0P 10/5 0P 45/6 0P 8
Model 200	16.5m	0P 10/5 0P 45/6 0P 8
Model 200	17.25m	0P 10/5 0P 45/6 0P 8
Model 200	18m	0P 10/5 0P 45/6 0P 8
Model 200	18.75m	0P 10/5 0P 45/6 0P 8
Model 200	19.5m	0P 10/5 0P 45/6 0P 8
Model 200	20.25m	0P 10/5 0P 45/6 0P 8
Model 200	21m	0P 10/5 0P 45/6 0P 8
Model 200	21.75m	0P 10/5 0P 45/6 0P 8
Model 200	22.5m	0P 10/5 0P 45/6 0P 8
Model 200	23.25m	0P 10/5 0P 45/6 0P 8
Model 200	24m	0P 10/5 0P 45/6 0P 8
Model 200	24.75m	0P 10/5 0P 45/6 0P 8
Model 200	25.5m	0P 10/5 0P 45/6 0P 8
Model 200	26.25m	0P 10/5 0P 45/6 0P 8
Model 200	27m	0P 10/5 0P 45/6 0P 8
Model 200	27.75m	0P 10/5 0P 45/6 0P 8
Model 200	28.5m	0P 10/5 0P 45/6 0P 8
Model 200	29.25m	0P 10/5 0P 45/6 0P 8
Model 200	30m	0P 10/5 0P 45/6 0P 8
Model 200	30.75m	0P 10/5 0P 45/6 0P 8
Model 200	31.5m	0P 10/5 0P 45/6 0P 8
Model 200	32.25m	0P 10/5 0P 45/6 0P 8
Model 200	33m	0P 10/5 0P 45/6 0P 8
Model 200	33.75m	0P 10/5 0P 45/6 0P 8
Model 200	34.5m	0P 10/5 0P 45/6 0P 8
Model 200	35.25m	0P 10/5 0P 45/6 0P 8
Model 200	36m	0P 10/5 0P 45/6 0P 8
Model 200	36.75m	0P 10/5 0P 45/6 0P 8
Model 200	37.5m	0P 10/5 0P 45/6 0P 8
Model 200	38.25m	0P 10/5 0P 45/6 0P 8
Model 200	39m	0P 10/5 0P 45/6 0P 8
Model 200	39.75m	0P 10/5 0P 45/6 0P 8
Model 200	40.5m	0P 10/5 0P 45/6 0P 8
Model 200	41.25m	0P 10/5 0P 45/6 0P 8
Model 200	42m	0P 10/5 0P 45/6 0P 8
Model 200	42.75m	0P 10/5 0P 45/6 0P 8
Model 200	43.5m	0P 10/5 0P 45/6 0P 8
Model 200	44.25m	0P 10/5 0P 45/6 0P 8
Model 200	45m	0P 10/5 0P 45/6 0P 8
Model 200	45.75m	0P 10/5 0P 45/6 0P 8
Model 200	46.5m	0P 10/5 0P 45/6 0P 8
Model 200	47.25m	0P 10/5 0P 45/6 0P 8
Model 200	48m	0P 10/5 0P 45/6 0P 8
Model 200	48.75m	0P 10/5 0P 45/6 0P 8
Model 200	49.5m	0P 10/5 0P 45/6 0P 8
Model 200	50.25m	0P 10/5 0P 45/6 0P 8
Model 200	51m	0P 10/5 0P 45/6 0P 8
Model 200	51.75m	0P 10/5 0P 45/6 0P 8
Model 200	52.5m	0P 10/5 0P 45/6 0P 8
Model 200	53.25m	0P 10/5 0P 45/6 0P 8
Model 200	54m	0P 10/5 0P 45/6 0P 8
Model 200	54.75m	0P 10/5 0P 45/6 0P 8
Model 200	55.5m	0P 10/5 0P 45/6 0P 8
Model 200	56.25m	0P 10/5 0P 45/6 0P 8
Model 200	57m	0P 10/5 0P 45/6 0P 8
Model 200	57.75m	0P 10/5 0P 45/6 0P 8
Model 200	58.5m	0P 10/5 0P 45/6 0P 8
Model 200	59.25m	0P 10/5 0P 45/6 0P 8
Model 200	60m	0P 10/5 0P 45/6 0P 8
Model 200	60.75m	0P 10/5 0P 45/6 0P 8
Model 200	61.5m	0P 10/5 0P 45/6 0P 8
Model 200	62.25m	0P 10/5 0P 45/6 0P 8
Model 200	63m	0P 10/5 0P 45/6 0P 8
Model 200	63.75m	0P 10/5 0P 45/6 0P 8
Model 200	64.5m	0P 10/5 0P 45/6 0P 8
Model 200	65.25m	0P 10/5 0P 45/6 0P 8
Model 200	66m	0P 10/5 0P 45/6 0P 8
Model 200	66.75m	0P 10/5 0P 45/6 0P 8
Model 200	67.5m	0P 10/5 0P 45/6 0P 8
Model 200	68.25m	0P 10/5 0P 45/6 0P 8
Model 200	69m	0P 10/5 0P 45/6 0P 8
Model 200	69.75m	0P 10/5 0P 45/6 0P 8
Model 200	70.5m	0P 10/5 0P 45/6 0P 8
Model 200	71.25m	0P 10/5 0P 45/6 0P 8
Model 200	72m	0P 10/5 0P 45/6 0P 8
Model 200	72.75m	0P 10/5 0P 45/6 0P 8
Model 200	73.5m	0P 10/5 0P 45/6 0P 8
Model 200	74.25m	0P 10/5 0P 45/6 0P 8
Model 200	75m	0P 10/5 0P 45/6 0P 8
Model 200	75.75m	0P 10/5 0P 45/6 0P 8
Model 200	76.5m	0P 10/5 0P 45/6 0P 8
Model 200	77.25m	0P 10/5 0P 45/6 0P 8
Model 200	78m	0P 10/5 0P 45/6 0P 8
Model 200	78.75m	0P 10/5 0P 45/6 0P 8
Model 200	79.5m	0P 10/5 0P 45/6 0P 8
Model 200	80.25m	0P 10/5 0P 45/6 0P 8
Model 200	81m	0P 10/5 0P 45/6 0P 8
Model 200	81.75m	0P 10/5 0P 45/6 0P 8
Model 200	82.5m	0P 10/5 0P 45/6 0P 8
Model 200	83.25m	0P 10/5 0P 45/6 0P 8
Model 200	84m	0P 10/5 0P 45/6 0P 8
Model 200	84.75m	0P 10/5 0P 45/6 0P 8
Model 200	85.5m	0P 10/5 0P 45/6 0P 8
Model 200	86.25m	0P 10/5 0P 45/6 0P 8
Model 200	87m	0P 10/5 0P 45/6 0P 8
Model 200	87.75m	0P 10/5 0P 45/6 0P 8
Model 200	88.5m	0P 10/5 0P 45/6 0P 8
Model 200	89.25m	0P 10/5 0P 45/6 0P 8
Model 200	90m	0P 10/5 0P 45/6 0P 8
Model 200	90.75m	0P 10/5 0P 45/6 0P 8
Model 200	91.5m	0P 10/5 0P 45/6 0P 8
Model 200	92.25m	0P 10/5 0P 45/6 0P 8
Model 200	93m	0P 10/5 0P 45/6 0P 8
Model 200	93.75m	0P 10/5 0P 45/6 0P 8
Model 200	94.5m	0P 10/5 0P 45/6 0P 8
Model 200	95.25m	0P 10/5 0P 45/6 0P 8
Model 200	96m	0P 10/5 0P 45/6 0P 8
Model 200	96.75m	0P 10/5 0P 45/6 0P 8
Model 200	97.5m	0P 10/5 0P 45/6 0P 8
Model 200	98.25m	0P 10/5 0P 45/6 0P 8
Model 200	99m	0P 10/5 0P 45/6 0P 8
Model 200	99.75m	0P 10/5 0P 45/6 0P 8
Model 200	100.5m	0P 10/5 0P 45/6 0P 8
Model 200	101.25m	0P 10/5 0P 45/6 0P 8
Model 200	102m	0P 10/5 0P 45/6 0P 8
Model 200	102.75m	0P 10/5 0P 45/6 0P 8
Model 200	103.5m	0P 10/5 0P 45/6 0P 8
Model 200	104.25m	0P 10/5 0P 45/6 0P 8
Model 200	105m	0P 10/5 0P 45/6 0P 8
Model 200	105.75m	0P 10/5 0P 45/6 0P 8
Model 200	106.5m	0P 10/5 0P 45/6 0P 8
Model 200	107.25m	0P 10/5 0P 45/6 0P 8
Model 200	108m	0P 10/5 0P 45/6 0P 8
Model 200	108.75m	0P 10/5 0P 45/6 0P 8
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Model 200	117.75m	0P 10/5 0P 45/6 0P 8
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Model 200	119.25m	0P 10/5 0P 45/6 0P 8
Model 200	120m	0P 10/5 0P 45/6 0P 8
Model 200	120.75m	0P 10/5 0P 45/6 0P 8
Model 200	121.5m	0P 10/5 0P 45/6 0P 8
Model 200	122.25m	0P 10/5 0P 45/6 0P 8
Model 200	123m	0P 10/5 0P 45/6 0P 8
Model 200	123.75m	0P 10/5 0P 45/6 0P 8
Model 200	124.5m	0P 10/5 0P 45/6 0P 8
Model 200	125.25m	0P 10/5 0P 45/6 0P 8
Model 200	126m	0P 10/5 0P 45/6 0P 8
Model 200	126.75m	0P 10/5 0P 45/6 0P 8
Model 200	127.5m	0P 10/5 0P 45/6 0P 8
Model 200	128.25m	0P 10/5 0P 45/6 0P 8
Model 200	129m	0P 10/5 0P 45/6 0P 8
Model 200	129.75m	0P 10/5 0P 45/6 0P 8
Model 200	130.5m	0P 10/5 0P 45/6 0P 8
Model 200	131.25m	0P 10/5 0P 45/6 0P 8
Model 200	132m	0P 10/5 0P 45/6 0P 8
Model 200	132.75m	0P 10/5 0P 45/6 0P 8
Model 200	133.5m	0P 10/5 0P 45/6 0P 8
Model 200	134.25m	0P 10/5 0P 45/6 0P 8
Model 200	135m	0P 10/5 0P 45/6 0P 8
Model 200	135.75m	0P 10/5 0P 45/6 0P 8
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Model 200	137.25m	0P 10/5 0P 45/6 0P 8
Model 200	138m	0P 10/5 0P 45/6 0P 8
Model 200	138.75m	0P 10/5 0P 45/6 0P 8
Model 200	139.5m	0P 10/5 0P 45/6 0P 8
Model 200	140.25m	0P 10/5 0P 45/6 0P 8
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Model 200	141.75m	0P 10/5 0P 45/6 0P 8
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Model 200	143.25m	0P 10/5 0P 45/6 0P 8
Model 200	144m	0P 10/5 0P 45/6 0P 8
Model 200	144.75m	0P 10/5 0P 45/6 0P 8
Model 200	145.5m	0P 10/5 0P 45/6 0P 8
Model 200	146.25m	0P 10/5 0P 45/6 0P 8
Model 200	147m	0P 10/5 0P 45/6 0P 8
Model 200	147.75m	0P 10/5 0P 45/6 0P 8
Model 200	148.5m	0P 10/5 0P 45/6 0P 8
Model 200	149.25m	0P 10/5 0P 45/6 0P 8
Model 200	150m	0P 10/5 0P 45/6 0P 8
Model 200	150.75m	0P 10/5 0P 45/6 0P 8
Model 200	151.5m	0P 10/5 0P 45/6 0P 8
Model 200	152.25m	0P 10/5 0P 45/6 0P 8
Model 200	153m	0P 10/5 0P 45/6 0P 8
Model 200	153.75m	0P 10/5 0P 45/6 0P 8
Model 200	154.5m	0P 10/5 0P 45/6 0P 8
Model 200	155.25m	0P 10/5 0P 45/6 0P 8
Model 200	156m	0P 10/5 0P 45/6 0P 8
Model 200	156.75m	0P 10/5 0P 45/6 0P 8
Model 200	157.5m	0P 10/5 0P 45/6 0P 8
Model 200	158.25m	0P 10/5 0P 45/6 0P 8
Model 200	159m	0P 10/5 0P 45/6 0P 8
Model 200	159.75m	0P 10/5 0P 45/6 0P 8
Model 200	160.5m	0P 10/5 0P 45/6 0P 8
Model 200	161.25m	0P 10/5 0P 45/6 0P 8
Model 200	162m	0P 10/5 0P 45/6 0P 8
Model 200	162.75m	0P 10/5 0P 45/6 0P 8
Model 200	163.5m	0P 10/5 0P 45/6 0P 8
Model 200	164.25m	0P 10/5 0P 45/6 0P 8
Model 200	165m	0P 10/5 0P 45/6 0P 8
Model 200	165.75m	0P 10/5 0P 45/6 0P 8
Model 200	166.5m	0P 10/5 0P 45/6 0P 8
Model 200	167.25m	



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Accessories

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 0.6X3.5X100	Version
Order No.	9008330000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056286	
Qty.	1 pc(s).	

Socket wrench sets



Allen key made from fully hardened, high-alloy chromium-vanadium- steel, acc. to DIN ISO 2936 L (DIN 911), high-quality refined surface.

General ordering data

Type	SKS 2,0-8,0 MR	Version
Order No.	9008870000	socket wrenches
GTIN (EAN)	4032248266623	
Qty.	1 pc(s).	

WPD 108 1X120/2X35+3X25+4X16 GY**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****Cross connection****General ordering data**

Type	WQB WPD X08-09/2	Version
Order No.	1561900000	Cross-connector (terminal), Plugged, grey, 353 A, Number of poles: 2,
GTIN (EAN)	4050118367096	Pitch in mm (P): 51.10, Insulated: Yes, Width: 74.6 mm
Qty.	3 pc(s).	

Power distribution

Screw connection

W-Series

WPD 108 1X120/2X35+3X25+4X16 GY



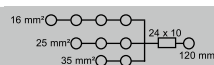
WPD 108

120 mm²



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

51.1 / 77 / 95
269 / 120
25...120



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	120 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	120 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
Flexible with ferrule	120 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
Stripping length / Blade size	120 mm ²	mm/-
	35 mm ²	mm/-
	25 mm ²	mm ²
	16 mm ²	mm ²
Tightening torque		Nm
Note		

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

IEC	UL	CSA	EN 60079-7
1000	600	600	880
269	250	255	250
120	AWG 4...kcmil 250	AWG 4...kcmil 250	120
8 kV / 3			
III / V-0			
Rated connection			
35...120 / 35...120			
4...35 / 4...35			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
25...95			
2.5...25			
1.5...16			
1.5...10			
27 / M14			
18 / M8			
12 / M6			
12 / M6			
see appendix at the end of the chapter			



Ordering data

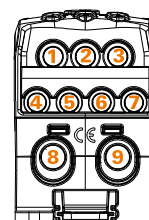
Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 108 1x120/2x35+3x25+4x16 GY	1	1562100000
WPD 108 1x120/2x35+3x25+4x16 BL	1	2519480000
WPD 108 1x120/2x35+3x25+4x16 RD	1	2725280000
WPD 108 1x120/2x35+3x25+4x16 BK	1	2725380000

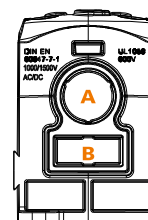
Accessories

Cross connection	
	2-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WQB WPD X08-09/2	20	1561900000
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








output

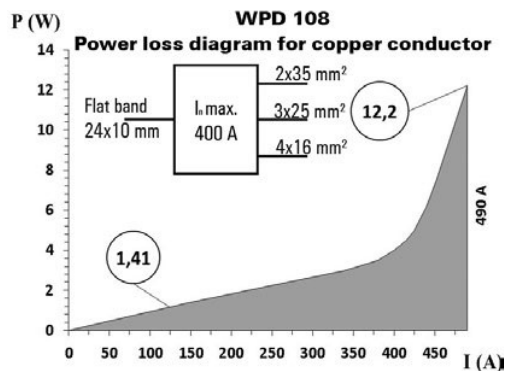














input

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

connection point A						CP** B
Input	Copper		Aluminium*		Copper	
						
120 mm ²	19 Nm	19 Nm	22,6 Nm	22,6 Nm		
95 mm ²						
70 mm ²						
50 mm ²						
35 mm ²						
25 mm ²						
Flat band 24x10mm					3 Nm	
Stripping lengths	27 mm				22 mm	
Allen screw	M14				M6	
* Values according to UL 1059 ** CP - connection point						

* Values according to UL 1059 ** CP - connection point








Output	connection point 1 / 2 / 3				connection point 4 / 5 / 6 / 7				connection point 8 / 9			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
												
35 mm²	2 Nm	2 Nm	5,1 Nm	5,1 Nm	2 Nm	2 Nm	5,1 Nm	2,5 Nm	2,5 Nm	11,3 Nm	11,3 Nm	
25 mm²												
16 mm²												
10 mm²												
6 mm²												
4 mm²												
2.5 mm²												
1.5 mm²												
Stripping lengths	12 mm				12 mm				18 mm			
Allen screw	M6				M6				M8			
* Values according to UL 1059												

* Values according to UL 1059



UL Rating data according to UL 1059













Certificate no. (UR)	XCFR2.E60693				
	connection point A				CP* B
Input (line)	Copper		Aluminium		Copper
					
kcmil 250	168.2 Lb In.		200 Lb In.		
AWG 4/0					
AWG 3/0		168.2 Lb In.		200 Lb In.	
AWG 2/0					
AWG 1/0					
AWG 2					
AWG 4					
Flat band 24x10 mm					17.7 Lb In.
max. current	250 A	200 A	155 A	205 A	250 A
Voltage size B,C (UR)	600 V				
* CP - connection point					

* CP - connection point

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			
	Input	Output	Output	Output
	CP* A	CP* 1/2/3	CP* 4/5/6/7	CP* B
kcmil 250	19 Nm.	3 Nm	3 Nm	6 Nm
AWG 2	19 Nm			
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	255 A	85 A	65 A	115 A
Voltage size C (CSA)	600 V			

* CP - connection point

Output	connection point 1 / 2 / 3				connection point 4 / 5 / 6 / 7				connection point 8 / 9			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
												
AWG 2	22.6 Lb In.	22.6 Lb In.	45.1 Lb In.	45.1 Lb In.	22.6 Lb In.	22.6 Lb In.	53.1 Lb In.	53.1 Lb In.	100 Lb In.	100 Lb In.		
AWG 4												
AWG 6												
AWG 8												
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	85 A	65 A	65 A	50 A	65 A	50 A	50 A	115 A	85 A	90 A	65 A	
Voltage size B,C (UR)					600 V							

