

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

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com



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, black, 120 mm <sup>2</sup> , 400 A, 1000 V, Number of connections: 10, Number of levels: 1
Order No.	<a href="#">2725380000</a>
Type	WPD 108 1X120/2X35+3X25+4X16 BK
GTIN (EAN)	4050118796506
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

## Dimensions and weights

Depth	77 mm	Depth (inches)	3.0315 inch
Height	95 mm	Height (inches)	3.7401 inch
Width	51.1 mm	Width (inches)	2.0118 inch
Net weight	480 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...85 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	130 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	e1c310ef-6b67-4efa-80a6-d307472f4de9

## Material data

Basic material	Wemid	Colour	black
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 <sup>2</sup>	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	Mounting rail	Mounting plate, TS 35
N-function	Yes	PE function	No
PEN function	No		

## Additional technical data

Open sides	closed	Explosion-tested version	Yes
Type of mounting	Snap-on		

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**Technical data**

**CSA rating data**

Certificate number (cCSAus) 70128467

**Conductors for clamping (additional connection)**

Connection type, additional connection Screw connection

**Conductors for clamping (rated connection)**

Wire connection cross section AWG, max.	kcmil 250	Connection direction	on side
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	10	Clamping range, max.	120 mm <sup>2</sup>
Clamping range, min.	1.5 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 16
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	95 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	0 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	120 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	120 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>		

**General**

Number of poles	1	Wire connection cross section AWG, max.	kcmil 250
Wire connection cross section AWG, min.	AWG 16	Standards	IEC 60947-7-1, UL 1059
Mounting rail	Mounting plate, TS 35		

**Rating data**

Rated cross-section	120 mm <sup>2</sup>	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1500 V
Nominal current	400 A	Current at maximum wires	400 A
Standards	IEC 60947-7-1, UL 1059	Power loss in accordance with IEC 60947-7-x	4.00 W

**UL rating data**

Certificate No. (cURus) E60693

**Important note**

Product information The socket complies with flammability class V-2 according to UL94.

**Classifications**

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		



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## Accessories

### 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.	<a href="#">9008870000</a>	socket wrenches	
GTIN (EAN)	4032248266623		
Qty.	1 ST		

### 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.	<a href="#">9008330000</a>	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056286		
Qty.	1 ST		

### Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

### General ordering data

Type	WQB WPD X08-09/2	Version	
Order No.	<a href="#">1561900000</a>	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 ST		