

**WPD 205 2X35/4X25+6X16 2XGY**

**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, 35 mm <sup>2</sup> , 214 A, 1000 V, Number of connections: 12, Number of levels: 1
Order No.	<a href="#">1562180000</a>
Type	WPD 205 2X35/4X25+6X16 2XGY
GTIN (EAN)	4050118385267
Qty.	1 items

## WPD 205 2X35/4X25+6X16 2XGY

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Depth	53.7 mm	Depth (inches)	2.1142 inch
Height	70 mm	Height (inches)	2.7559 inch
Width	71.2 mm	Width (inches)	2.8031 inch
Net weight	288 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °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	9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2

## Material data

Basic material	Wemid	Colour	Light Grey
UL 94 flammability rating	V-0		

## 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
Mounting rail	Mounting plate, TS 35	N-function	No
PE function	No	PEN function	No

## Additional technical data

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

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 2	Connection direction	on side
Type of connection 2	Screw connection	Type of connection	Screw connection

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### Technical data

Number of connections	12	Clamping range, max.	35 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.	25 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.	35 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	35 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>		

### General

Number of poles	2	Wire connection cross section AWG, max.	AWG 2
Installation advice	Terminal rail / mounting plate	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	35 mm <sup>2</sup>	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1500 V
Nominal current	214 A	Current at maximum wires	214 A
Standards	IEC 60947-7-1, UL 1059	Power loss in accordance with IEC 60947-7-x	3.60 W

### Important note

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

### Classifications

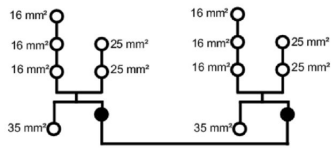
ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-19	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

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Drawings



Conductor connection data according to IEC 60417 1 (Da)

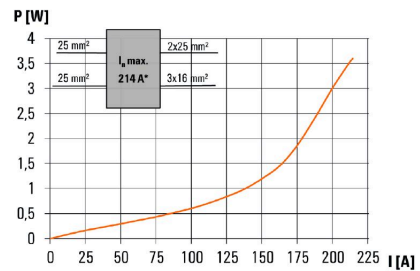
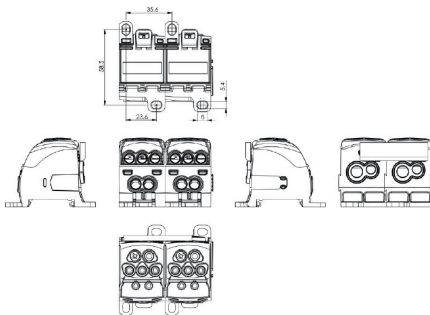
Index	connection point A		connection point B	
	Conductor	Reference	Conductor	Reference
16 mm²	1.25	1.25	1.25	1.25
25 mm²	1.50	1.50	1.50	1.50
35 mm²	1.75	1.75	1.75	1.75
40 mm²	2.00	2.00	2.00	2.00
50 mm²	2.50	2.50	2.50	2.50
60 mm²	3.00	3.00	3.00	3.00
70 mm²	3.50	3.50	3.50	3.50
95 mm²	4.50	4.50	4.50	4.50
120 mm²	5.50	5.50	5.50	5.50
150 mm²	6.50	6.50	6.50	6.50
185 mm²	7.50	7.50	7.50	7.50
240 mm²	9.00	9.00	9.00	9.00
300 mm²	10.50	10.50	10.50	10.50
350 mm²	12.00	12.00	12.00	12.00
400 mm²	13.50	13.50	13.50	13.50
500 mm²	16.50	16.50	16.50	16.50
630 mm²	20.00	20.00	20.00	20.00
800 mm²	24.00	24.00	24.00	24.00
1000 mm²	28.00	28.00	28.00	28.00

Conductor connection data according to UL 1089 (A)-Da

Index	connection point A		connection point B	
	Conductor	Reference	Conductor	Reference
16 mm²	1.25	1.25	1.25	1.25
25 mm²	1.50	1.50	1.50	1.50
35 mm²	1.75	1.75	1.75	1.75
40 mm²	2.00	2.00	2.00	2.00
50 mm²	2.50	2.50	2.50	2.50
60 mm²	3.00	3.00	3.00	3.00
70 mm²	3.50	3.50	3.50	3.50
95 mm²	4.50	4.50	4.50	4.50
120 mm²	5.50	5.50	5.50	5.50
150 mm²	6.50	6.50	6.50	6.50
185 mm²	7.50	7.50	7.50	7.50
240 mm²	9.00	9.00	9.00	9.00
300 mm²	10.50	10.50	10.50	10.50
350 mm²	12.00	12.00	12.00	12.00
400 mm²	13.50	13.50	13.50	13.50
500 mm²	16.50	16.50	16.50	16.50
630 mm²	20.00	20.00	20.00	20.00
800 mm²	24.00	24.00	24.00	24.00
1000 mm²	28.00	28.00	28.00	28.00

CSA Rating data according to CSA 22.2 No. 100

Index	connection point A		connection point B	
	Conductor	Reference	Conductor	Reference
16 mm²	1.25	1.25	1.25	1.25
25 mm²	1.50	1.50	1.50	1.50
35 mm²	1.75	1.75	1.75	1.75
40 mm²	2.00	2.00	2.00	2.00
50 mm²	2.50	2.50	2.50	2.50
60 mm²	3.00	3.00	3.00	3.00
70 mm²	3.50	3.50	3.50	3.50
95 mm²	4.50	4.50	4.50	4.50
120 mm²	5.50	5.50	5.50	5.50
150 mm²	6.50	6.50	6.50	6.50
185 mm²	7.50	7.50	7.50	7.50
240 mm²	9.00	9.00	9.00	9.00
300 mm²	10.50	10.50	10.50	10.50
350 mm²	12.00	12.00	12.00	12.00
400 mm²	13.50	13.50	13.50	13.50
500 mm²	16.50	16.50	16.50	16.50
630 mm²	20.00	20.00	20.00	20.00
800 mm²	24.00	24.00	24.00	24.00
1000 mm²	28.00	28.00	28.00	28.00



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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		

### Crosshead screwdriver Pozidriv



Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip

### General ordering data

Type	SDK PZ2	Version	
Order No.	<a href="#">9008540000</a>	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056538		
Qty.	1 ST		