

WPD 106 1X70/2X25+3X16 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, 70 mm ² , 215 A, 1000 V, Number of connections: 6, Number of levels: 1
Order No.	1562210000
Type	WPD 106 1X70/2X25+3X16 GY
GTIN (EAN)	4050118385281
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	50.4 mm	Depth (inches)	1.9842 inch
Height	74.5 mm	Height (inches)	2.9331 inch
Width	39.5 mm	Width (inches)	1.5551 inch
Net weight	200 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		

Rating data IECEx/ATEX

Certificate No. (ATEX)	CNEX16ATEX0005U	Certificate No. (IECEX)	IECEXCNEX16.0005U
Max. voltage (ATEX)	880 V	Current (ATEX)	160 A
Wire cross section max. (ATEX)	50 mm ²	Max. voltage (IECEX)	880 V
Current (IECEX)	160 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
Mounting rail	Mounting plate, TS 35	N-function	Yes
PE function	No	PEN function	No

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Additional technical data

Open sides	closed	Installation advice	Terminal rail / mounting plate
Explosion-tested version	Yes	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)

Wire connection cross section AWG, max.	AWG 2/0	Connection direction	on side
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	6	Clamping range, max.	50 mm ²
Clamping range, min.	1.5 mm ²	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 ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	50 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²	Wire connection cross section, finely stranded, max.	0 mm ²
Wire connection cross section, finely stranded, min.	1.5 mm ²	Connection cross-section, stranded, max.	70 mm ²
Connection cross-section, stranded, min.	1.5 mm ²	Wire connection cross-section, solid core, max.	70 mm ²
Wire connection cross-section, solid core, min.	1.5 mm ²		

General

Number of poles	1	Wire connection cross section AWG, max.	AWG 2/0
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	70 mm ²	Rated voltage	1000 V
Rated AC voltage	1000 V	Rated DC voltage	1500 V
Nominal current	215 A	Current at maximum wires	215 A
Standards	IEC 60947-7-1, UL 1059	Power loss in accordance with IEC 60947-7-x	4.80 W

UL rating data

Certificate No. (cURus)	E60693
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Important note

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

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Classifications

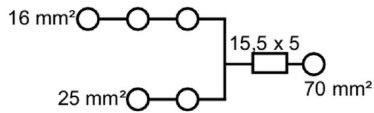
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ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-19	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

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Drawings

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Conductor connection data according to IEC 60417 7 (Da)

Lead	conductor pair 1				SP 1	
	Upper	Lower	Upper	Lower	Upper	Lower
16 mm²	170	170	170	170	170	170
25 mm²	180	180	180	180	180	180
16 mm²	180	180	180	180	180	180
25 mm²	190	190	190	190	190	190
16 mm²	190	190	190	190	190	190
25 mm²	200	200	200	200	200	200
16 mm²	200	200	200	200	200	200
25 mm²	210	210	210	210	210	210
16 mm²	210	210	210	210	210	210
25 mm²	220	220	220	220	220	220
16 mm²	220	220	220	220	220	220
25 mm²	230	230	230	230	230	230

Conductor connection data according to IEC 60417 7 (Da)

Lead	conductor pair 1				conductor pair 2	
	Upper	Lower	Upper	Lower	Upper	Lower
16 mm²	170	170	170	170	170	170
25 mm²	180	180	180	180	180	180
16 mm²	180	180	180	180	180	180
25 mm²	190	190	190	190	190	190
16 mm²	190	190	190	190	190	190
25 mm²	200	200	200	200	200	200
16 mm²	200	200	200	200	200	200
25 mm²	210	210	210	210	210	210
16 mm²	210	210	210	210	210	210
25 mm²	220	220	220	220	220	220

Conductor connection data according to UL 1088 (A)-(Da)

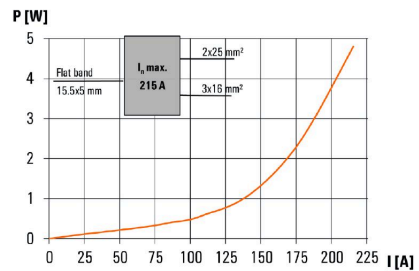
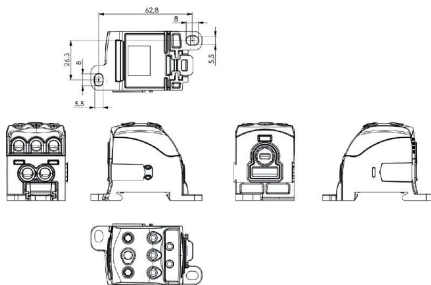
Lead	conductor pair 1				SP 1	
	Upper	Lower	Upper	Lower	Upper	Lower
16 mm²	170	170	170	170	170	170
25 mm²	180	180	180	180	180	180
16 mm²	180	180	180	180	180	180
25 mm²	190	190	190	190	190	190
16 mm²	190	190	190	190	190	190
25 mm²	200	200	200	200	200	200
16 mm²	200	200	200	200	200	200
25 mm²	210	210	210	210	210	210
16 mm²	210	210	210	210	210	210
25 mm²	220	220	220	220	220	220

Conductor connection data according to UL 1088 (A)-(Da)

Lead	conductor pair 1				conductor pair 2	
	Upper	Lower	Upper	Lower	Upper	Lower
16 mm²	170	170	170	170	170	170
25 mm²	180	180	180	180	180	180
16 mm²	180	180	180	180	180	180
25 mm²	190	190	190	190	190	190
16 mm²	190	190	190	190	190	190
25 mm²	200	200	200	200	200	200
16 mm²	200	200	200	200	200	200
25 mm²	210	210	210	210	210	210
16 mm²	210	210	210	210	210	210
25 mm²	220	220	220	220	220	220

CSA rating data according to CSA 22.2 No. 100

Lead	conductor pair 1				SP 1	
	Upper	Lower	Upper	Lower	Upper	Lower
16 mm²	170	170	170	170	170	170
25 mm²	180	180	180	180	180	180
16 mm²	180	180	180	180	180	180
25 mm²	190	190	190	190	190	190
16 mm²	190	190	190	190	190	190
25 mm²	200	200	200	200	200	200
16 mm²	200	200	200	200	200	200
25 mm²	210	210	210	210	210	210
16 mm²	210	210	210	210	210	210
25 mm²	220	220	220	220	220	220



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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.	9008870000	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.	9008330000	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056286		
Qty.	1 ST		