

WPD 113 1X185+1X150/8X35 GY**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, Light Grey, 185 mm ² , 353 A, 1000 V, Number of connections: 10, Number of levels: 1, TS 35, Mounting plate, V-0, Wemid
Order No.	2603740000
Type	WPD 113 1X185+1X150/8X35 GY
GTIN (EAN)	4050118681420
Qty.	1 pc(s).

Creation date November 26, 2024 12:28:27 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	80.3 mm	Depth (inches)	3.161 inch
Height	126.3 mm	Height (inches)	4.972 inch
Width	62.6 mm	Width (inches)	2.465 inch
Net weight	740 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		

System specifications

Version	Screw connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	10	Levels cross-connected internally	No
Rail	TS 35, Mounting plate	N-function	No
PE function	No	PEN function	No

Additional technical data

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

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Connection cross-section, stranded, max.	185 mm ²	Connection direction	on side
Number of connections	10	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.	150 mm ²
Wire connection cross-section, solid core, max.	185 mm ²		

General

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

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Rating data

Rated cross-section	185 mm ²	Rated voltage	1,000 V
Rated AC voltage	1,000 V	Rated DC voltage	1,500 V
Rated current	353 A	Standards	IEC 60947-7-1
Rated impulse withstand voltage	8 kV	Pollution severity	3
Surge voltage category	III		

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
Certificate no. (cULus)	E511333

Downloads

Approval/Certificate/Document of Conformity	VDE Certificate UL certificate Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	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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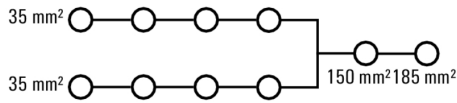
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Drawings



Conductor connection data according to IEC 60947-1 (Cu)

Input	connection point A		connection point B		connection point 1-4	
	Copper	Aluminum	Copper	Aluminum	Copper	Aluminum
160 mm²	25 No.	25 No.	25 No.	25 No.	25 No.	25 No.
150 mm²	25 No.	25 No.	25 No.	25 No.	25 No.	25 No.
120 mm²	25 No.	25 No.	25 No.	25 No.	25 No.	25 No.
95 mm²	25 No.	25 No.	25 No.	25 No.	25 No.	25 No.
75 mm²	25 No.	25 No.	25 No.	25 No.	25 No.	25 No.
50 mm²	25 No.	25 No.	25 No.	25 No.	25 No.	25 No.
35 mm²	25 No.	25 No.	25 No.	25 No.	25 No.	25 No.
max. current	110 A	110 A	110 A	110 A	110 A	110 A
max. voltage	1000 V	1000 V	1000 V	1000 V	1000 V	1000 V
max. voltage (UL 648)	1000 V	1000 V	1000 V	1000 V	1000 V	1000 V

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (SR) X2FR2 280693

Input (line)	connection point A		connection point B		connection point 1-4	
	Copper	Aluminum	Copper	Aluminum	Copper	Aluminum
350 mm²	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.
300 mm²	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.
250 mm²	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.
200 mm²	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.
150 mm²	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.
100 mm²	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.
75 mm²	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.
50 mm²	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.	248.8 lb/in.	398.3 lb/in.
max. current	110 A	110 A	110 A	110 A	110 A	110 A
max. voltage	1000 V	1000 V	1000 V	1000 V	1000 V	1000 V
max. voltage (UL 648)	1000 V	1000 V	1000 V	1000 V	1000 V	1000 V

