

**WPD 110 1X70+1X35/6X16 GY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

**General ordering data**

Version	W-Series, Distribution block, Rated cross-section: 70 mm <sup>2</sup> , Screw connection, Terminal rail / mounting plate
Order No.	<a href="#">2603810000</a>
Type	WPD 110 1X70+1X35/6X16 GY
GTIN (EAN)	4050118654523
Qty.	1 pc(s).

Creation date January 10, 2022 10:09:08 PM CET

Catalogue status 17.12.2021 / We reserve the right to make technical changes.

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**Technical data**
**Dimensions and weights**

Depth	63 mm	Depth (inches)	2.48 inch
Height	69.75 mm	Height (inches)	2.746 inch
Width	38.5 mm	Width (inches)	1.516 inch
Net weight	277 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	8	Rail	TS 35, Mounting plate
N-function	No	PE function	No
PEN function	No		

**Additional technical data**

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

**Conductors for clamping (rated connection)**

Connection direction	on side	Number of connections	8
Type of connection	Screw connection		

**General**

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

**Rating data**

Rated cross-section	70 mm <sup>2</sup>	Rated voltage	1,000 V
Rated AC voltage	1,000 V	Rated DC voltage	1,500 V DC
Rated current	200 A	Standards	IEC 60947-7-1
Rated impulse withstand voltage	8 kV	Pollution severity	3
Surge voltage category	III		

**Classifications**

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	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		

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**Data sheet****WPD 110 1X70+1X35/6X16 GY****Weidmüller Interface GmbH & Co. KG**

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Downloads**Approval/Certificate/Document of  
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Catalogues

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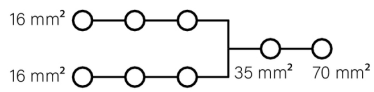
**Data sheet**

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**Drawings**



## Power distribution

### Screw connection

#### W-Series

#### WPD 110 1X70+1X35/6X16 GY



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

#### Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	70 mm <sup>2</sup> mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	
Overvoltage category / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	70 mm <sup>2</sup> mm <sup>2</sup>
	35 mm <sup>2</sup> mm <sup>2</sup>
	16 mm <sup>2</sup> mm <sup>2</sup>
Flexible with ferrule	70 mm <sup>2</sup> mm <sup>2</sup>
	35 mm <sup>2</sup> mm <sup>2</sup>
	16 mm <sup>2</sup> mm <sup>2</sup>
Stripping length / Blade size	70 mm <sup>2</sup> mm/-
	35 mm <sup>2</sup> mm/-
	16 mm <sup>2</sup> mm/-
Tightening torque	Nm
<b>Note</b>	

#### Ordering data

Version	
	light grey
	blue
	green
<b>Note</b>	

#### Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

#### WPD 110

**70 mm<sup>2</sup>**


38.5 / 63 / 69.5	
192 / 70	
1.5...70	

#### IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
192			
70			
	8 kV / 3		
	III / V-0		




Rated connection	
10...70 / 4...35	
4...35 / 4...35	
1.5...16 / 1.5...16	
6...50	
2.5...25	
1.5...10	
27 / M10	
26 / M8	
13 / M6	
see appendix at the end of the chapter	




Type	Qty.	Order No.
WPD 110 1X70+1X35/6X16 GY		<b>2603810000</b>
WPD 110 1X70+1X35/6X16 BL		<b>2603820000</b>
WPD 110 1X70+1X35/6X16 GN		<b>2603830000</b>




Type	Qty.	Order No.
WEW 35/2	100	<b>1061200000</b>
AEB 35 SC/1	50	<b>1991920000</b>
SDK PZ2 X 100	1	<b>2749450000</b>






Conductor connection data according to DIN EN 60998-1 (Cu), IEC 61238-1 class A (Cu+Al)

Input	Copper		Aluminium
1x 70 mm <sup>2</sup>			
70 mm <sup>2</sup>	10 Nm	10 Nm	12 Nm
50 mm <sup>2</sup>			
35 mm <sup>2</sup>			
25 mm <sup>2</sup>			
16 mm <sup>2</sup>			
10 mm <sup>2</sup>			
6 mm <sup>2</sup>			
Stripping lengths	27 mm		
Screw	M10 (+/- PZ2)		

Input	Copper		Aluminium
1x 35 mm <sup>2</sup>			
35 mm <sup>2</sup>	6 Nm	6 Nm	
25 mm <sup>2</sup>			
16 mm <sup>2</sup>			
10 mm <sup>2</sup>			
6 mm <sup>2</sup>			
4 mm <sup>2</sup>			
2,5 mm <sup>2</sup>			
Stripping lengths	26 mm		
Screw	M8 (+/- PZ2)		

Output	Copper		Aluminium
6x 16 mm <sup>2</sup>			
16 mm <sup>2</sup>	3 Nm	3 Nm	10 Nm
10 mm <sup>2</sup>			
6 mm <sup>2</sup>			
4 mm <sup>2</sup>			
2,5 mm <sup>2</sup>			
1,5 mm <sup>2</sup>			
Stripping lengths	13 mm		
Screw	M6 (+/- PZ2)		

 Stranded     
  Solid     
  Flexible with ferrule

**B**

