

WPD 110 1X70+1X35/6X16 GN**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 ² , Screw connection, Terminal rail / mounting plate
Order No.	2603830000
Type	WPD 110 1X70+1X35/6X16 GN
GTIN (EAN)	4050118654516
Qty.	3 pc(s).

Creation date May 9, 2023 7:28:49 PM CEST

Catalogue status 28.04.2023 / 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	275 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	green
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 ²	Rated voltage	1,000 V
Rated AC voltage	1,000 V AC	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	ECLASS 12.0	27-14-11-20

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Data sheet**WPD 110 1X70+1X35/6X16 GN**

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Technical data**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2

Downloads

Approval/Certificate/Document of Conformity	DNV Certificate
Catalogues	Catalogues in PDF-format

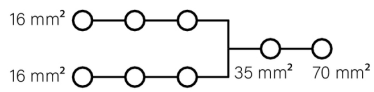
Data sheet

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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 ²
max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	70 mm ² mm ²
Rated impulse withstand voltage / Pollution severity	
Overvoltage category / UL 94 flammability rating	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / Stranded	70 mm ² mm ²
	35 mm ² mm ²
	16 mm ² mm ²
Flexible with ferrule	70 mm ² mm ²
	35 mm ² mm ²
	16 mm ² mm ²
Stripping length / Blade size	70 mm ² mm/-
	35 mm ² mm/-
	16 mm ² mm/-

Tightening torque Nm

Note

Ordering data

Version	
	light grey
	blue
	green

Note

Accessories

End bracket	
	dark beige
	dark beige

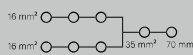
Screwdriver

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WPD 110

70 mm²


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





B


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

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

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

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

 Stranded
  Solid
  Flexible with ferrule

B

