

**WDU 70/95 HG****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image****Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

**General ordering data**

Version	Feed-through terminal, Screw connection, 95 mm <sup>2</sup> , 1000 V, 232 A, Light green
Order No.	<a href="#">1024650000</a>
Type	WDU 70/95 HG
GTIN (EAN)	4008190169619
Qty.	10 pc(s).

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Depth	107 mm	Depth (inches)	4.213 inch
Depth including DIN rail	115.5 mm	Height	132 mm
Height (inches)	5.197 inch	Net weight	351 g
Weight	340 g	Width	27 mm
Width (inches)	1.063 inch		

### Temperatures

Storage temperature		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	-25 °C...55 °C		
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

### Material data

Material	Wemid	Colour	Light green
UL 94 flammability rating	V-0		

### Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	1100 V	Current (ATEX)	218 A
Wire cross section max. (ATEX)	95 mm <sup>2</sup>	Max. voltage (IECEX)	1100 V
Current (IECEX)	218 A	Wire cross section max. (IECEX)	95 mm <sup>2</sup>
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label	II 2 G D		Ex eb II C Gb

### System specifications

Version	Screw connection, for screwable cross-connection, in closed state	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	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

### 2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Cross-section for connected wire, stranded, two clampable wires, max.	35 mm <sup>2</sup>	Cross-section for connected wire, stranded, two clampable wires, min.	16 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	35 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	16 mm <sup>2</sup>
Wire connection cross section, finely stranded, two clampable wires, min.	16 mm <sup>2</sup>	Wire cross-section, finely stranded, two clampable wires, max.	35 mm <sup>2</sup>

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### Additional technical data

Explosion-tested version	Yes	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	closed
Type of mounting	Snap-on		

### CSA rating data

Certificate No. (CSA)	12400-242	Current size B (CSA)	205 A
Current size C (CSA)	205 A	Current size D (CSA)	5 A
Voltage size B (CSA)	600 V	Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	00 AWG
Wire cross section min. (CSA)	6 AWG		

### Conductors for clamping (rated connection)

Blade size	S6 (DIN 6911)	Clamping range, max.	120 mm <sup>2</sup>
Clamping range, min.	13.3 mm <sup>2</sup>	Clamping screw	M 8
Connection cross-section, stranded, max.	120 mm <sup>2</sup>	Connection cross-section, stranded, min.	16 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	B12
Number of connections	2	Stripping length	30 mm
Tightening torque, max.	12 Nm	Tightening torque, min.	6 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 2/0
Wire connection cross section AWG, min.	AWG 6	Wire connection cross section, finely stranded, max.	95 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	95 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	16 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	50 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	16 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	16 mm <sup>2</sup>

### General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 2/0
Wire connection cross section AWG, min.	AWG 6		

### Rating data

Power loss in accordance with IEC 60947-7-x	7.42 W	Rated cross-section	95 mm <sup>2</sup>
Rated voltage	1,000 V	Rated current	232 A
Current at maximum wires	232 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.14 mΩ	Rated impulse withstand voltage	8 kV
Pollution severity	3		

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## UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	00 AWG
Conductor size Factory wiring min. (UR)	6 AWG	Conductor size Field wiring max. (UR)	00 AWG
Conductor size Field wiring min. (UR)	6 AWG	Current size C (UR)	175 A
UL_current_Print	175 A	UL_voltage_Print	1,000 V
UL_wire_max_Print	0 AWG	UL_wire_min_Print	6 AWG
Voltage size C (UR)	1000 V		

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	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

## Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">IECEX Certificate</a> <a href="#">CB Testreport</a> <a href="#">CB Certificate</a> <a href="#">EAC certificate</a> <a href="#">DNVGL certificate</a> <a href="#">NEMKO certificate</a> <a href="#">Lloyds Register Certificate</a> <a href="#">MARITREG Certificate</a> <a href="#">POLSKIREJ certificate</a> <a href="#">EAC EX Certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">ATEX Certificate</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">Beipackzettel_WDU70-95_120-150.pdf</a> <a href="#">NTI WDU/ WPE 70/95</a> <a href="#">StorageConditionsTerminalBlocks</a>

**Data sheet**

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**Drawings**

