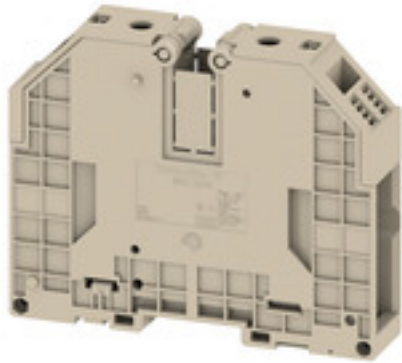


W-Series
WDU 70/95

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	WDU 70/95
Order No.	1024600000
Version	Feed-through terminal, Screw connection, 95 mm ² , 1000 V, 232 A, dark beige
GTIN (EAN)	4008 190105990
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Width	27 mm	Width (inches)	1.063 inch
Height	132 mm	Height (inches)	5.197 inch
Depth	107 mm	Depth (inches)	4.213 inch
Depth including DIN rail	115.5 mm	Weight	340 g
Net weight	330.89 g		

Temperatures

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Storage temperature, max.	40 °C
Storage temperature, min.	10 °C	Storage temperature	10 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	dark beige
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 ²	Max. voltage (IECEX)	1100 V
Current (IECEX)	218 A	Wire cross section max. (IECEX)	95 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

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

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Technical data**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 ²
Clamping range, min.	13.3 mm ²	Clamping screw	M 8
Connection cross-section, stranded, max.	120 mm ²	Connection cross-section, stranded, min.	16 mm ²
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 ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	95 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	50 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	16 mm ²
Wire connection cross-section, finely stranded, min.	16 mm ²	Wire connection cross-section, solid core, max.	16 mm ²
Wire connection cross-section, solid core, min.	16 mm ²		

Rating data

Rated cross-section	95 mm ²	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
Power loss in accordance with IEC 60947-7-x	7.42 W	Rated impulse withstand voltage	8 kV
Pollution severity	3		

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
Voltage size C (UR)	1000 V		

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Technical data

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	UNSPSC	30-21-18-11

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX Certificate CB Testreport CB Certificate DE_PT1001_20160414_233_ISSUE01.pdf ATEX Certificate
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	Beipackzettel_WDU70-95_120-150.pdf NTI WDU/ WPE 70/95 StorageConditionsTerminalBlocks Instruction

Safety note

Safety notice [Safety Information](#)

Data sheet

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Drawings

