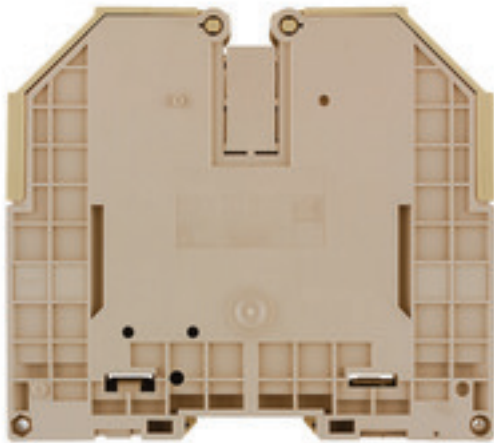


W-Series
WDU 70/95

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com


Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

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)	4008190105990
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

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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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 e II
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, for screwable cross-connection, closed	Tightening torque (clamping screw for copper conductors)	6...12 Nm
End cover plate required	No	Number of potentials	1
Number of levels	1	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Mounting 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

Additional technical data

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

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Technical data
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, rated connection, max.	120 mm ²
Clamping range, rated connection, min.	13.3 mm ²	Clamping screw	M 8
Connection direction	on side	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	16 mm ²
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 with wire-end ferrules DIN 46228/1, rated connection, max.	95 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	16 mm ²
Wire connection cross section, finely stranded, max.	95 mm ²	Wire connection cross section, solid core max. rated connection	16 mm ²
Wire connection cross section, solid core, min. rated connection	16 mm ²	Wire connection cross section, stranded, rated connection, max.	120 mm ²
Wire connection cross section, stranded, rated connection, min.	16 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	50 mm ²
Wire connection cross-section, finely stranded, 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
Rated impulse withstand voltage	8 kV	Pollution severity	3

Strap connection

Band 1, No. of layers, max.	1 x 10: 16 x 0.8	Band 1, No. of layers, min.	4: 16 x 0.8
Band 2, No. of layers, max.	6: 9 x 0.8	Band 2, No. of layers, min.	3: 9 x 0.8

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 3.0	EC000897	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000897
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-20
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Product information

Descriptive text ordering data	For details on ribbon cable, see our online catalogue and for information on direct mounting, see section on W-series Accessories.
Descriptive text accessories	Auxiliary connection for the additional conductor "WZAD 70", order No. 1066000000 (up to 4 mm ² , 32 A). Cross-connections, see section "W series accessories".

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	CFAT_WDU 70_95.pdf IECEXULD14.0005U_e.pdf CB Test Zertifikat CB Zertifikat DE_PT1001_20160414_233_ISSUE01.pdf ACF-ATEX_4786180920
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Beipackzettel_WDU70-95_120-150.pdf NTI_IECEX_WDU-WPE 70_95.pdf

Safety note

Safety notice [Safety Information](#)

Data sheet

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Drawings

