

W-series terminal with clamping yoke connection
WDU 70/95onlinecomponents.com

Weidmüller Interface GmbH & Co. KG

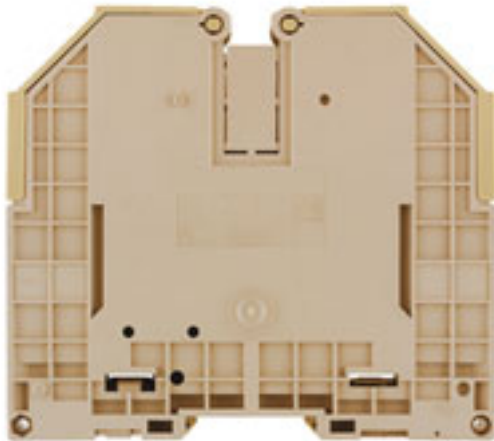
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www.weidmueller.com

The versatile and extensive range of products - from 0.05 mm² to 300 mm² - means that you have diverse options for your applications at your disposal.

Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

General ordering data

Order No.	1024600000
Type	WDU 70/95
Version	W-series terminal with clamping yoke connection, Feed-through terminal, Rated cross-section: 95 mm ² , Screw connection, Direct mounting
GTIN (EAN)	4008190105990
Qty.	10 pc(s).

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Technical data

Dimensions

Length	132 mm	Width	27 mm
Height	107 mm	Height of lowest version	115.5 mm
Weight	340 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Rated data IECEx/ATEX

Certificate No. (ATEX)	KEMA98ATEX1686U	ATEX certificate	KEMA98ATEX1686U_d.pdf
ATEX certificate	KEMA98ATEX1686U_e.pdf	max. voltage	690 V
Current (ATEX)	202 A	Wire cross section max. (ATEX)	70 mm²
Voltage, cross-connection		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	CrossConnectionGuide.pdf		
Marking EN 60079-7	Ex e II	Marking ATEX Directive 94/9/EC	II 2 G D

2 clampable wires (H05V/H07V) same cross-section (rated connection)

Cross-section for connected wire, stranded, two clampable wires, min.	16 mm²	Cross-section for connected wire, stranded, two clampable wires, max.	35 mm²
Wire connection cross section, finely stranded, two clampable wires, min.	16 mm²	Wire cross-section, finely stranded, two clampable wires, max.	35 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	16 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	35 mm²

Additional technical data

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

CSA ratings data

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

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Technical data

Clampable wires (rated connection)

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

Rated data

Rated cross-section	95 mm ²	Rated voltage	1,000 V
Rated impulse withstand voltage	8 kV	Rated current	232 A
Current at maximum wires	232 A	Standards	IEC 60947-7-1
Pollution severity	3		

Strap connection

Strap 1, min.	4 layers 16 x 0.8	Strap 1, max.	6 layers 16 x 0.8
Strap 2, min.	3 layers 9 x 0.8	Strap 2, max.	6 layers 9 x 0.8

UL ratings data

Certificate No. (UR)	E60693VOL1SEC38	Voltage size C (UR)	1000 V
Current size C (UR)	175 A	Conductor size Factory wiring max. (UR)	00 AWG
Conductor size Factory wiring min. (UR)	6 AWG	Conductor size Field wiring max. (UR)	00 AWG

Material data

Material	Wemid	Colour	Dark beige
Flammability class UL 94	V-0		

System specifications

Product family	W-series terminal with clamping yoke connection	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	No		

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Technical data**Classifications**

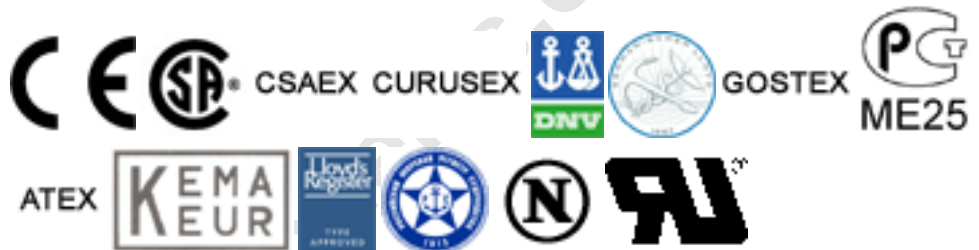
ETIM 2.0	EC000897	ETIM 3.0	EC000897
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-20
eClass 5.1	27-14-11-20	eClass 6.0	27-14-11-20
eClass 7.0	27-14-11-20		

Product information

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

Approvals

Approvals



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Drawings

