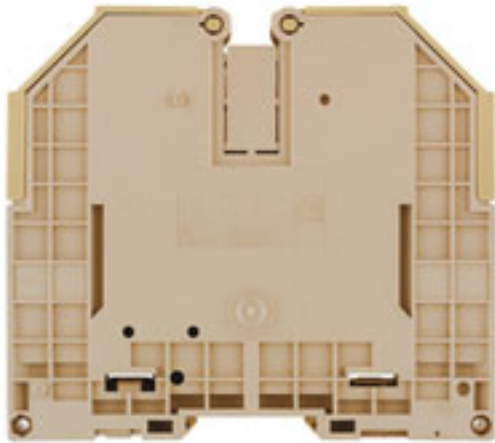


**W-series terminal with clamping yoke connection  
WDU 70/95**

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
www.weidmueller.com



The versatile and extensive range of products - from 0.05 mm<sup>2</sup> to 300 mm<sup>2</sup> - 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.	<a href="#">1024600000</a>
Part designation	WDU 70/95
Version	W-series terminal with clamping yoke connection, Feed-through terminal, Rated cross-section: 95 mm <sup>2</sup> , Screw connection, Direct mounting
GTIN (EAN)	4008190105990
Qty.	10 pc(s).

**W-series terminal with clamping yoke connection  
WDU 70/95**

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
www.weidmueller.com

**Technical data**

**Dimensions**

Length	132 mm	Width	27 mm
Height	108 mm	Weight	340 g

**Temperature**

Ambient temperature (operational)	-50 °C...+120 °C	Storage temperature	
-----------------------------------	------------------	---------------------	--

**CSA ratings data**

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

**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.	E60693VOL1SEC38	Voltage size C	1000 V
Current size C (UR)	175 A	Conductor size Factory wiring, max	00 AWG
Conductor size Factory wiring, min	6 AWG	Conductor size Field wiring, max	00 AWG

**IECEX/ATEX rating data**

Certificate no.	KEMA98ATEX1686U	ATEX certificate	KEMA98ATEX1686U_d.pdf
ATEX certificate	KEMA98ATEX1686U_e.pdf	max. voltage	690 V
Current (ATEX)	202 A	Conductor cross-section, max.	70 mm <sup>2</sup>
Voltage when using cross-connections		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		

**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
No. of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	No		

**W-series terminal with clamping yoke connection  
WDU 70/95**

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
www.weidmueller.com

**Technical data**

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

Conductor cross-section, solid, 2 clampable conductor	16 mm <sup>2</sup>	Solid, max.	16 mm <sup>2</sup>
Conductor cross-section, stranded, 2 clampable conductor, min.	16 mm <sup>2</sup>	Conductor cross-section, stranded, 2 clampable conductor, max.	35 mm <sup>2</sup>
Flexible, min.	16 mm <sup>2</sup>	Flexible, max.	35 mm <sup>2</sup>
Conductor cross-section, flexible plus plastic collar DIN 46228/1, 2 clampable conductor, min.	16 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, 2 clampable conductor, max.	35 mm <sup>2</sup>

**Additional technical data**

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

**Conductors for clamping (additional connection)**

Rated current	232 A	Type of connection	Screw connection
Clamping screw	M 8	Blade size	S6 (DIN 6911)
Tightening torque, max.	12 Nm	Tightening torque, min.	6 Nm
Conductor connection cross-section AWG, min.	AWG 6	Conductor connection cross-section AWG, max.	AWG 2/0

**Conductors for clamping (rated connection)**

Type of connection	Screw connection	Stripping length	30 mm
Blade size	S6 (DIN 6911)	Connection direction	on side
No. of connections	2	Clamping range, min.	13.3 mm <sup>2</sup>
Clamping range, max.	120 mm <sup>2</sup>	Clamping screw	M 8
Tightening torque, min.	6 Nm	Tightening torque, max.	12 Nm
Gauge to IEC 60947-1	B12	Conductor cross-section, solid, min.	16 mm <sup>2</sup>
Conductor cross-section, solid, max.	16 mm <sup>2</sup>	Stranded, min.	16 mm <sup>2</sup>
Stranded, max.	120 mm <sup>2</sup>	Conductor cross-section, flexible, max.	95 mm <sup>2</sup>
Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, min.	16 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, max.	95 mm <sup>2</sup>
Conductor cross-section, flexible AEH plus plastic collar DIN 46228/4, rated connection, min.	16 mm <sup>2</sup>	Conductor cross-section, flexible AEH plus plastic collar DIN 46228/4, rated connection, max.	50 mm <sup>2</sup>
Conductor connection cross-section AWG, min.	AWG 6	Conductor connection cross-section AWG, max.	AWG 2/0

**Rating data**

Rated cross-section	95 mm <sup>2</sup>	Rated voltage	1,000 V
Rated impulse withstand voltage	8 kV	Rated current	232 A
Current with max. conductor	232 A	Standards	IEC 60947-7-1
Pollution severity	3		

**Approvals**

Approvals institutes	CSA; CSAEX; CURUSEX; DETNOVER; GERMLLOYD; GOSTEX; GOSTME25; KEMAATEX; KEMAKEUR; LLOYDSREG; MARITREG; NEMKO; RINA; UR; CE
----------------------	--

## W-series terminal with clamping yoke connection WDU 70/95

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-2083  
 www.weidmueller.com

## 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

### Product notes

Note, ordering data	For details of ribbon cable see online catalogue, and for direct mounting see section "W-series accessories".
Note, accessories	Auxiliary connection for the additional conductor "WZAD 70", order no. 1066000000 (up to 4 mm <sup>2</sup> , 32 A)
Product description	<p>Large conductor cross-sections do not require a great force to insert them into the clamping point, but instead can be easily and quickly placed in the modular terminal.</p> <p>Every type of terminal is available in both single and block forms. All blocks are screwed permanently together and therefore provide additional torsional rigidity.</p> <p>Direct mounting is possible thanks to the elongated holes on the underside of the terminal.</p>

**Datasheet**

**W-series terminal with clamping yoke connection  
WDU 70/95**

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
www.weidmueller.com

**Drawings**

