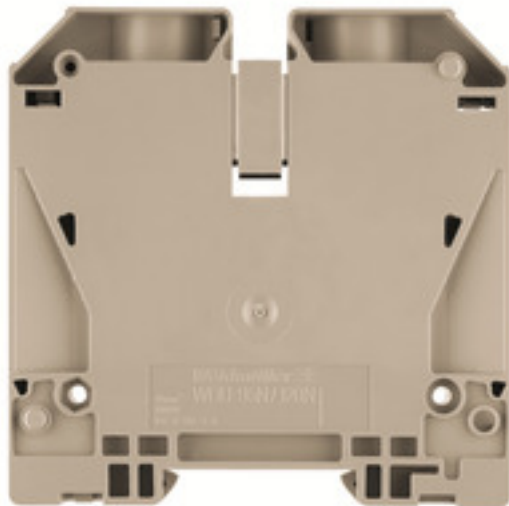


W-Series
WDU 95N/120N IR

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 95N/120N IR
Order No.	1393430000
Version	Feed-through terminal, Screw connection, 120 mm ² , 1000 V, 269 A, dark beige
GTIN (EAN)	4050118293005
Qty.	5 pc(s).

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Technical data**Dimensions and weights**

Width	27 mm	Width (inches)	1.063 inch
Height	91 mm	Height (inches)	3.583 inch
Depth	90 mm	Depth (inches)	3.543 inch
Depth including DIN rail	91 mm	Net weight	261.8 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

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	Yes

Additional technical data

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

Conductors for clamping (rated connection)

Blade size	TX 40	Clamping range, max.	150 mm ²
Clamping range, min.	16 mm ²	Clamping screw	M 10
Connection cross-section, stranded, max.	150 mm ²	Connection cross-section, stranded, min.	16 mm ²
Connection direction	on side	Gauge to IEC 60947-1	B13
Number of connections	2	Stripping length	27 mm
Tightening torque, max.	20 Nm	Tightening torque, min.	12 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	kcmil 250
Wire connection cross section AWG, min.	AWG 4	Wire connection cross section, finely stranded, max.	120 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, min.	16 mm ²	Wire connection cross-section, solid core, max.	16 mm ²
Wire connection cross-section, solid core, min.	16 mm ²		

Data sheet

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Technical data

Rating data

Rated cross-section	120 mm ²	Rated voltage	1,000 V
Rated current	269 A	Current at maximum wires	290 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.12 mΩ
Power loss in accordance with IEC 60947-7-x	8.61 W	Rated impulse withstand voltage	8 kV
Pollution severity	3		

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

Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	NTI WDU/WPE 95N/120 StorageConditionsTerminalBlocks Instruction

Safety note

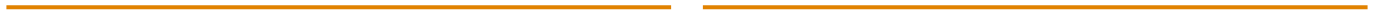
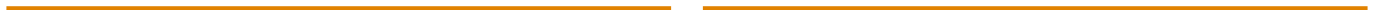
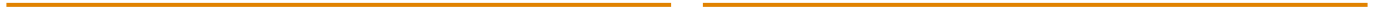
Safety notice	Safety Information
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Data sheet

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Drawings



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Accessories

Covers



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	WAD 20 GE WSD
Order No.	9512260000
GTIN (EAN)	4008190403942
Qty.	10 pc(s).

End brackets



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	WEW 35/1	Version	
Order No.	1059000000	Version	W-Series, End bracket
GTIN (EAN)	4008190172282		
Qty.	50 pc(s).		

W-Series WDU 95N/120N IR

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Accessories

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WS 15/5 MC NE WS	Version
Order No.	1609880000	WS, Terminal marker, 15 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190203504	Allen-Bradley, white
Qty.	480 pc(s).	

WQV 95N/120N



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	WQV 95N/120N/2	Version
Order No.	1826890000	W-Series, Cross-connector, For the terminals, Number of poles: 2
GTIN (EAN)	4032248329946	
Qty.	5 pc(s).	
Type	WQV 95N/120N/4	Version
Order No.	1826910000	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4032248329960	
Qty.	5 pc(s).	
Type	WQV 95N/120N/3	Version
Order No.	1826900000	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4032248329953	
Qty.	5 pc(s).	

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Accessories

Additional connection



Klippon® Connect with clamping yoke Technology

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General ordering data

Type	WZAD 95N/120N	Version
Order No.	1859580000	W-Series, Additional connection
GTIN (EAN)	4032248718429	
Qty.	5 pc(s).	

Socket wrench sets

Allen key made from fully hardened, high-alloy chromium-vanadium- steel, acc. to DIN ISO 2936 L (DIN 911), high-quality refined surface.



General ordering data

Type	TH-S 9-40	Version
Order No.	9008880000	socket wrenches, TR 9/10/15/20/25/27/30/40
GTIN (EAN)	4032248266630	
Qty.	1 pc(s).	

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Accessories

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/8 MC NE WS	Version	
Order No.	1856740000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00	
GTIN (EAN)	4032248400850	Weidmueller, white	
Qty.	800 pc(s).		