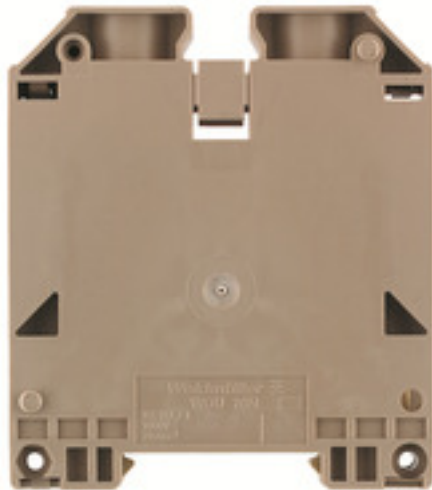


**W-Series**  
**WDU 70N/35 IR****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com**Product image****Power feed-in**

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 70N/35 IR
Order No.	<a href="#">1393420000</a>
Version	Feed-through terminal, Screw connection, 70 mm <sup>2</sup> , 1000 V, 192 A, dark beige
GTIN (EAN)	4050118495089
Qty.	10 pc(s).

Creation date May 3, 2020 8:57:02 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Width	20.5 mm	Width (inches)	0.807 inch
Height	75 mm	Height (inches)	2.953 inch
Depth	85 mm	Depth (inches)	3.346 inch
Depth including DIN rail	86 mm	Net weight	119.233 g

**Temperatures**

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)	690 V	Current (ATEX)	184 A
Wire cross section max. (ATEX)	70 mm <sup>2</sup>	Max. voltage (IECEX)	690 V
Current (IECEX)	184 A	Wire cross section max. (IECEX)	70 mm <sup>2</sup>
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	Yes

**Additional technical data**

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

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**Technical data****Conductors for clamping (rated connection)**

Blade size	TX 40	Clamping range, max.	95 mm <sup>2</sup>
Clamping range, min.	16 mm <sup>2</sup>	Clamping screw	M 8
Connection cross-section, stranded, max.	95 mm <sup>2</sup>	Connection cross-section, stranded, min.	16 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	B11
Number of connections	2	Stripping length	22 mm
Tightening torque, max.	12 Nm	Tightening torque, min.	8 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 0
Wire connection cross section AWG, min.	AWG 6	Wire connection cross section, finely stranded, max.	70 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	70 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	16 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	50 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	16 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	16 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	16 mm <sup>2</sup>		

**Rating data**

Rated cross-section	70 mm <sup>2</sup>	Rated voltage	1,000 V
Rated current	192 A	Current at maximum wires	232 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.17 mΩ
Power loss in accordance with IEC 60947-7-x	6.14 W	Rated impulse withstand voltage	8 kV
Pollution severity	3		

**UL rating data**

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	0 AWG
Conductor size Factory wiring min. (cURus)	6 AWG	Conductor size Field wiring max. (cURus)	0 AWG
Conductor size Field wiring min. (cURus)	6 AWG	Current size C (cURus)	150 A
Voltage size C (cURus)	600 V		

**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

**Data sheet****W-Series  
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**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">IECEX Certificate</a> <a href="#">ATEX Certificate</a>
Engineering Data	<a href="#">EPLAN</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">NTI WDU/WPE 70N/35</a> <a href="#">StorageConditionsTerminalBlocks</a> <a href="#">Instruction</a>

**Safety note**

Safety notice	<a href="#">Safety Information</a>
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**Data sheet**

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**Drawings**



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# Accessories

## WQV 70N



### 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 70N/4	Version
Order No.	<a href="#">9531290000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4008190351243	
Qty.	5 pc(s).	
Type	WQV 70N/3	Version
Order No.	<a href="#">9512250000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4008190403935	
Qty.	5 pc(s).	
Type	WQV 70N/2	Version
Order No.	<a href="#">9512240000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 2
GTIN (EAN)	4008190403928	
Qty.	5 pc(s).	

## Covers



### Klippon® Connect with clamping yoke Technology

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### General ordering data

Type	WAD 20 GE WSD
Order No.	<a href="#">9512260000</a>
GTIN (EAN)	4008190403942
Qty.	10 pc(s).

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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 12/5 MC NE WS	Version
Order No.	<a href="#">1609860000</a>	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190203481	Allen-Bradley, white
Qty.	720 pc(s).	

### 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 5/5 MC NE WS	Version
Order No.	<a href="#">1609801044</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

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**Accessories**

**End brackets**



**Klippon® Connect with clamping yoke Technology**

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**General ordering data**

Type	WEW 35/1	Version
Order No.	<a href="#">1059000000</a>	W-Series, End bracket
GTIN (EAN)	4008190172282	
Qty.	50 pc(s).	

**Additional connection**



**Klippon® Connect with clamping yoke Technology**

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**General ordering data**

Type	WZAD 70N	Version
Order No.	<a href="#">1964830000</a>	W-Series, Additional connection
GTIN (EAN)	4032248651474	
Qty.	5 pc(s).	



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**Accessories****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.	<a href="#">9008880000</a>	socket wrenches, TR 9/10/15/20/25/27/30/40
GTIN (EAN)	4032248266630	
Qty.	1 pc(s).	