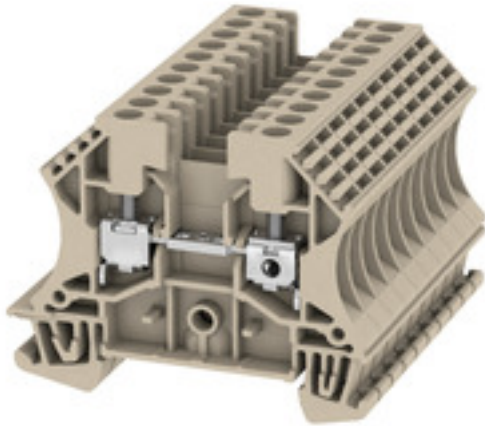


**W-Series**  
**WDU 4/10**

**Weidmüller Interface GmbH & Co. KG**  
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**Product image****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 4/10
Order No.	<a href="#">1021000000</a>
Version	Feed-through terminal, Screw connection, 4 mm <sup>2</sup> , 800 V, 32 A, dark beige
GTIN (EAN)	4008190076924
Qty.	10 pc(s).

**W-Series**  
**WDU 4/10**

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

Width	6.1 mm	Width (inches)	0.24 inch
Height	60 mm	Height (inches)	2.362 inch
Depth	46.5 mm	Depth (inches)	1.831 inch
Net weight	101.2 g		

**Temperatures**

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	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)	32 A
Wire cross section max. (ATEX)	4 mm <sup>2</sup>	Max. voltage (IECEX)	690 V
Current (IECEX)	32 A	Wire cross section max. (IECEX)	4 mm <sup>2</sup>
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

**System specifications**

Version	Screw connection, for plug-in cross-connector, for screwable cross-connection	End cover plate required	Yes
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	No

**Additional technical data**

Explosion-tested version	Yes	Number of similar terminals	10
Open sides	right	Type of mounting	Snap-on

**CSA rating data**

Certificate No. (CSA)	200039-1057876	Current size B (CSA)	35 A
Current size C (CSA)	35 A	Voltage size C (CSA)	600 V
Wire cross section max. (CSA)	10 AWG	Wire cross section min. (CSA)	26 AWG

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WDU 4/10**

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

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 4 mm<sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping screw	M 3	Connection direction	on side
Number of connections	2	Twin wire-end ferrules, max.	2.5 mm <sup>2</sup>
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>	Type of connection	Screw connection
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	6 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

**Dimensions**

TS 35 offset 32 mm

**Rating data**

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	800 V
Rated current	32 A	Volume resistance according to IEC 60947-7-x	1 mΩ
Power loss in accordance with IEC 60947-7-x	1.02 W		

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	10 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	35 A
Voltage size C (UR)	600 V		

**Classifications**

ETIM 6.0	EC001284	ETIM 7.0	EC001284
eClass 9.0	27-14-11-06	eClass 9.1	27-14-11-06
eClass 10.0	27-14-11-06	UNSPSC	30-21-18-11

**Approvals**

Approvals



ROHS Conform

**Data sheet****W-Series  
WDU 4/10**

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**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">IECEX Certificate</a> <a href="#">CB Testreport</a> <a href="#">CB Certificate</a> <a href="#">DE_PT1001_20160414_215_ISSUE01.pdf</a> <a href="#">ATEX Certificate</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">NTI WDU/WPE 4</a> <a href="#">StorageConditionsTerminalBlocks</a>

**Safety note**

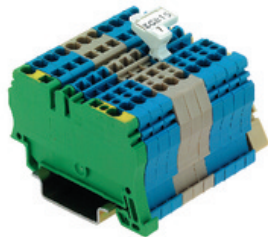
Safety notice	<a href="#">Safety Information</a>
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## W-Series WDU 4/10

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## Accessories

### ZGB pivotable group tag holder



The ZGB 15 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 15.

The ZGB 30 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 7.

Inlay tags and protective strips can be found under "Accessories".

### General ordering data

Type	ZGB 30	Version
Order No.	<a href="#">1611930000</a>	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190002251	white
Qty.	20 pc(s).	
Type	ZGB 15	Version
Order No.	<a href="#">1636530000</a>	Terminal markers, Terminal marker, 15 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190297053	Weidmueller, white
Qty.	20 pc(s).	

### Partition plates



### 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	WTW EN	Version
Order No.	<a href="#">1058800000</a>	W-Series, Separation plate
GTIN (EAN)	4008190140175	
Qty.	20 pc(s).	

## W-Series WDU 4/10

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## Accessories

### End brackets



#### **Klippon® Connect with clamping yoke Technology**

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#### General ordering data

Type	WEW 35/2	Version
Order No.	<a href="#">1061200000</a>	W-Series, End bracket
GTIN (EAN)	4008190030230	
Qty.	100 pc(s).	

### Blank



The WAD connector marker is suitable for W-series terminals and for the WEW 35/2 and ZEW 35/2 end brackets. The markers are available as blank markers, with custom printing or standard print with lightning symbol. The WAD MultiCard markers are suitable for labelling with PrintJet ADVANCED printers.

- High-quality and resistant printing with PrintJet
- WAD marker and cover for the W-series terminals and the WEW 35/2 or ZEW 35/2 end brackets
- Available as blank markers, with custom printing or standard print with lightning symbol
- Quick and easy installation

**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	WAD 5 MC NE GE	Version
Order No.	<a href="#">1112920000</a>	Group markers, Cover, 33.3 x 5 mm, Pitch in mm (P): 5.00 yellow
GTIN (EAN)	4032248891771	
Qty.	48 pc(s).	

Type	WAD 5 MC NE WS	Version
Order No.	<a href="#">1112910000</a>	Group markers, Cover, 33.3 x 5 mm, Pitch in mm (P): 5.00 white
GTIN (EAN)	4032248891689	
Qty.	48 pc(s).	

**W-Series**  
**WDU 4/10**

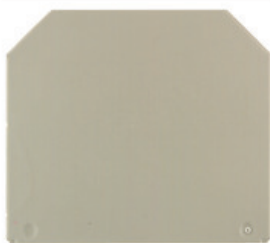
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**Accessories****ZQV 4N****Spring connection with tension clamp Technology**

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

**General ordering data**

Type	ZQV 4N/20 GE	Version
Order No.	<a href="#">1909020000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4032248535644	
Qty.	20 pc(s).	
Type	ZQV 4N/4 GE	Version
Order No.	<a href="#">1762620000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4032248169771	
Qty.	60 pc(s).	
Type	ZQV 4N/3 GE	Version
Order No.	<a href="#">1762630000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4032248169788	
Qty.	60 pc(s).	
Type	ZQV 4N/2 GE	Version
Order No.	<a href="#">1758250000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4032248169795	
Qty.	60 pc(s).	
Type	ZQV 4N/10 GE	Version
Order No.	<a href="#">1758260000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4032248169764	
Qty.	20 pc(s).	

**End plates****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	WAP 2.5-10	Version
Order No.	<a href="#">1050000000</a>	W-Series, End plate
GTIN (EAN)	4008190103149	
Qty.	50 pc(s).	

## Data sheet

### W-Series WDU 4/10

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## Accessories

Type	WAP 2.5-10 BL	Version
Order No.	<a href="#">1050080000</a>	W-Series, End plate
GTIN (EAN)	4008190136611	
Qty.	50 pc(s).	
Type	WAP 16+35 WTW 2.5-10	Version
Order No.	<a href="#">1050100000</a>	W-Series, End plate, Separation plate
GTIN (EAN)	4008190079901	
Qty.	20 pc(s).	
Type	WAP 16+35 WTW 2.5-10 BL	Version
Order No.	<a href="#">1050180000</a>	W-Series, End plate, Separation plate
GTIN (EAN)	4008190013899	
Qty.	20 pc(s).	

## PicoPak



### PicoPak: the robust one

- Space-saving in the control cabinet thanks to the slim 6 mm width
- Passive isolator, loop-powered at the input and output
- Increased operating temperature range: -40°C ...+70°C
- Zero and Span adjustment possible

## General ordering data

Type	WS 12/6 MC NE WS	Version
Order No.	<a href="#">1609900000</a>	WS, Terminal marker, 12 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4008190203467	Allen-Bradley, white
Qty.	600 pc(s).	

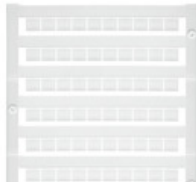


## W-Series WDU 4/10

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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 5/6 MC NE WS	Version
Order No.	<a href="#">1609820000</a>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190203436	Weidmueller, white
Qty.	1,000 pc(s).	

## Test adapter



### 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	WTA 3 WDU4	Version
Order No.	<a href="#">1632350000</a>	W-Series, Test adapter
GTIN (EAN)	4008190209711	
Qty.	25 pc(s).	
Type	WTA 3/ZA WDU4	Version
Order No.	<a href="#">1632360000</a>	W-Series, Test adapter
GTIN (EAN)	4008190209704	
Qty.	25 pc(s).	

## W-Series WDU 4/10

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## Accessories

### Non-insulated sockets



#### **Klippon® Connect with clamping yoke Technology**

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#### General ordering data

Type	STB 8.5/5/2.3/M3 SAK2.5	Version
Order No.	<a href="#">028060000</a>	Accessories, Socket
GTIN (EAN)	4008190023188	
Qty.	50 pc(s).	

### DEK 5/6



#### **WS/ DEK**

MultiMark DEK/WS connector markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

#### **Your benefits with MultiMark**

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

#### General ordering data

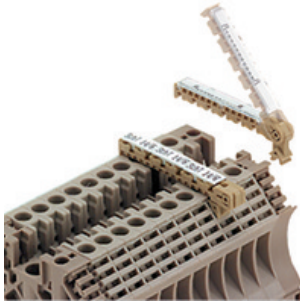
Type	DEK 5/6 MM WS	Version
Order No.	<a href="#">200712000</a>	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118392104	
Qty.	600 pc(s).	

**W-Series  
WDU 4/10**

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**Accessories**

**SchT group marker carrier**



The SchT 5 S group tag carriers are clipped directly onto the TS 32 mounting rail (G-rail) or the TS 35 mounting rail (top-hat rail). It is therefore possible to label the terminal strip irrespective of the terminal and the type of terminal. SchT 5 and SchT 5 S are fitted with ESO 5, STR 5 protective strips.

The SchT 7 is a hinged group tag carrier for inlay tags which enables easy access to the clamping screw. The SchT 7 is fitted with ESO 7, STR 7 protective strips or DEK 5.

SchT 9/4 and SchT 14/6 are hinged group tag carriers for single dekafix and WS tags that enable easy access to the clamping screw.

SchT 9/4 and SchT 14/6 are fitted with WS or DEK. Inlay tags and protective strips can be found under "Accessories".

**General ordering data**

Type	SCHT 7	Version
Order No.	<a href="#">0517960000</a>	SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00
GTIN (EAN)	4008190001742	Weidmueller, white
Qty.	20 pc(s).	

**Shielding bus**



**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	LS 2.8 WDU2.5-10	Version
Order No.	<a href="#">1056400000</a>	W-Series, Shield bus
GTIN (EAN)	4008190036454	
Qty.	100 pc(s).	

## W-Series WDU 4/10

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## Accessories

### WQV 4



#### Klippon® Connect with clamping yoke Technology

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#### General ordering data

Type	WQV 4/2	Version
Order No.	<a href="#">1051960000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 2
GTIN (EAN)	4008190026486	
Qty.	50 pc(s).	
Type	WQV 4/4	Version
Order No.	<a href="#">1054660000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4008190095758	
Qty.	50 pc(s).	
Type	WQV 4/3	Version
Order No.	<a href="#">1054560000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4008190168971	
Qty.	50 pc(s).	
Type	WQV 4/10	Version
Order No.	<a href="#">1052060000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 10
GTIN (EAN)	4008190054687	
Qty.	20 pc(s).	

### Test sockets



#### Current and voltage transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

#### General ordering data

Type	STB 21.6/IH/BL WTL6/3	Version
Order No.	<a href="#">1071080000</a>	Accessories, Socket
GTIN (EAN)	4008190043957	
Qty.	50 pc(s).	
Type	STB 21.6/IH/GN WTL6/3	Version
Order No.	<a href="#">1071020000</a>	Accessories, Socket
GTIN (EAN)	4008190259228	
Qty.	50 pc(s).	

**W-Series**  
**WDU 4/10**

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**Accessories**

Type	STB 21.6/IH/GE WTL6/3	Version
Order No.	<a href="#">1071010000</a>	Accessories, Socket
GTIN (EAN)	4008190259211	
Qty.	50 pc(s).	
Type	STB 21.6/IH/WS WTL6/3	Version
Order No.	<a href="#">1312520000</a>	Accessories, Socket
GTIN (EAN)	4050118121704	
Qty.	50 pc(s).	
Type	STB 21.6/IH/RT WTL6/3	Version
Order No.	<a href="#">1778990000</a>	Accessories, Socket
GTIN (EAN)	4032248169665	
Qty.	50 pc(s).	
Type	STB 21.6/IH/DB WTL6/3	Version
Order No.	<a href="#">1071000000</a>	Accessories, Socket
GTIN (EAN)	4008190259204	
Qty.	50 pc(s).	
Type	STB 21.6/IH/VI WTL6/3	Version
Order No.	<a href="#">1071030000</a>	Accessories, Socket
GTIN (EAN)	4008190259235	
Qty.	50 pc(s).	
Type	STB 21.6/IH/SW WTL6/3	Version
Order No.	<a href="#">1071040000</a>	Accessories, Socket
GTIN (EAN)	4008190859985	
Qty.	50 pc(s).	