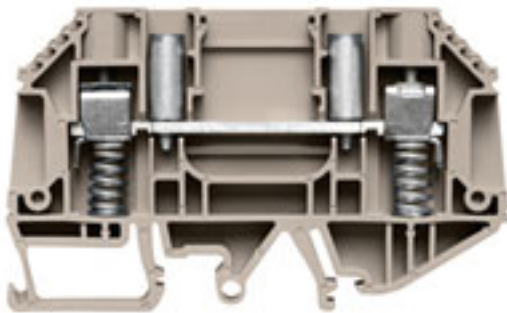


**WTD 6 SL/EN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image****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**

Version	Feed-through terminal block, Screw connection, 6 mm <sup>2</sup> , 630 V, 41 A, Number of connections: 2
Order No.	<a href="#">9538100000</a>
Type	WTD 6 SL/EN
GTIN (EAN)	4008190574987
Qty.	50 pc(s).

## WTD 6 SL/EN

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## Technical data

## Dimensions and weights

Depth	49.5 mm	Depth (inches)	1.949 inch
Depth including DIN rail	51.5 mm	Height	82.7 mm
Height (inches)	3.256 inch	Width	7.9 mm
Width (inches)	0.311 inch	Net weight	27.2 g

## Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

## Material data

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

## System specifications

Version	Screw connection, with spring-loaded cable clamp, With sockets, One end without connector	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 32, TS 35	N-function	No
PE function	No	PEN function	No

## Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

## Conductors for clamping (rated connection)

Blade size	0.8 x 4.0 mm	Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping screw	M 3.5
Connection cross-section, stranded, max.	6 mm <sup>2</sup>	Connection direction	on side
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	16 mm	Tightening torque, max.	1.6 Nm
Tightening torque, min.	0.8 Nm	Type of connection	Screw connection
Wire connection cross section, finely stranded, max.	6 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>

## General

Rail	TS 32, TS 35	Standards	IEC 60947-7-1
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## Technical data

## Rating data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	630 V
Rated DC voltage	630 V	Rated current	41 A
Current at maximum wires	57 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Pollution severity	2
Surge voltage category	III		

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	c6099607-b1cd-4fc8-8f5b-8c2defa73093

## Approvals

Approvals



ROHS	Conform
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## Downloads

Approval/Certificate/Document of Conformity	<a href="#">CE Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

### WTD 6 SL/EN

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## Drawings



## WTD 6 SL/EN

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## Accessories

## W-Series

The logo for the W-Series, featuring a large orange 'W' above the word 'Series' in a grey sans-serif font.

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

## General ordering data

Type	WEW 35/2	Version
Order No.	<a href="#">1061200000</a>	End bracket, Wemid, dark beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190030230	
Qty.	50 pc(s).	

## 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 PrintJet CONNECT oder/or Plotter 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).	

## WTD 6 SL/EN

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## Accessories

2.5-10 mm<sup>2</sup>


2.5-10  
mm<sup>2</sup>

End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

## General ordering data

Type	WAP 2.5-10 SW	Version
Order No.	<a href="#">1050010000</a>	End plate (terminals), 56 mm x 1.5 mm, black
GTIN (EAN)	4008190406806	
Qty.	50 pc(s).	
Type	WAP 2.5-10	Version
Order No.	<a href="#">1050000000</a>	End plate (terminals), 56 mm x 1.5 mm, dark beige
GTIN (EAN)	4008190103149	
Qty.	50 pc(s).	
Type	WAP 16+35 WTW 2.5-10	Version
Order No.	<a href="#">1050100000</a>	End and partition plate for terminals, End plate, 56 mm x 1.5 mm, dark beige
GTIN (EAN)	4008190079901	
Qty.	20 pc(s).	
Type	WAP 2.5-10 4-6	Version
Order No.	<a href="#">1272380000</a>	End plate (terminals), 56 mm x 1.5 mm, dark beige
GTIN (EAN)	4050118114881	
Qty.	50 pc(s).	

10 mm<sup>2</sup>


10  
mm<sup>2</sup>

Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

## General ordering data

Type	WQV 10/3	Version
Order No.	<a href="#">1054960000</a>	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4008190079079	Pitch in mm (P): 9.90, Insulated: Yes, 63 A, yellow
Qty.	50 pc(s).	
Type	WQV 10/2	Version
Order No.	<a href="#">1052560000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190154943	Pitch in mm (P): 9.90, Insulated: Yes, 76 A, yellow
Qty.	50 pc(s).	

## WTD 6 SL/EN

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## Accessories

Type	WQV 10/4	Version
Order No.	<a href="#">1055060000</a>	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190188245	Pitch in mm (P): 9.90, Insulated: Yes, 63 A, yellow
Qty.	50 pc(s).	
Type	WQV 10/10	Version
Order No.	<a href="#">1052460000</a>	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	4008190152130	Pitch in mm (P): 9.90, Insulated: Yes, 63 A, yellow
Qty.	20 pc(s).	

## WS 12/5



## WS/ DEK

MultiMark terminal 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	WS 12/5 MM WS	Version
Order No.	<a href="#">2007190000</a>	WS, Terminal marker, 12 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118392036	
Qty.	800 pc(s).	

## WTD 6 SL/EN

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## Accessories

6 mm<sup>2</sup>


Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

## General ordering data

Type	WQV 6/10	Version
Order No.	<a href="#">1052260000</a>	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	4008190153977	Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow
Qty.	20 pc(s).	
Type	WQV 6/12	Version
Order No.	<a href="#">1062720000</a>	Cross-connector (terminal), when screwed in, Number of poles: 12,
GTIN (EAN)	4050118259391	Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow
Qty.	50 pc(s).	
Type	WQV 6/4	Version
Order No.	<a href="#">1054860000</a>	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190180799	Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow
Qty.	50 pc(s).	
Type	WQV 6/3	Version
Order No.	<a href="#">1054760000</a>	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4008190174163	Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow
Qty.	50 pc(s).	
Type	WQV 6/6	Version
Order No.	<a href="#">1062670000</a>	Cross-connector (terminal), when screwed in, Number of poles: 6,
GTIN (EAN)	4008190261771	Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow
Qty.	50 pc(s).	
Type	WQV 6/2	Version
Order No.	<a href="#">1052360000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190075866	Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow
Qty.	50 pc(s).	
Type	WQV 6/7	Version
Order No.	<a href="#">1062680000</a>	Cross-connector (terminal), when screwed in, Number of poles: 7,
GTIN (EAN)	4008190261788	Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow
Qty.	50 pc(s).	
Type	WQV 6/5	Version
Order No.	<a href="#">1062660000</a>	Cross-connector (terminal), when screwed in, Number of poles: 5,
GTIN (EAN)	4008190176914	Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow
Qty.	50 pc(s).	



## WTD 6 SL/EN

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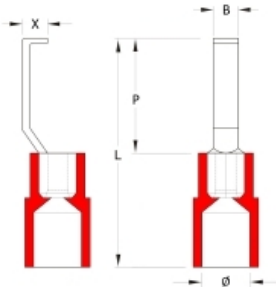
D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## Hook-type cable lugs



The use of insulated connectors guarantees users a permanent and consistent quality for their electrical connections.

In addition, they bring advantages during installation.

## General ordering data

Type	HBT 1,5 - 4,6 RT	Version
Order No.	<a href="#">1233340000</a>	cable lug, terminal end, Insulated cable connector, 0.5 mm² - 1.5
GTIN (EAN)	4050118210972	mm², red
Qty.	100 pc(s).	
Type	HBT 6,0 - 4,6 GE	Version
Order No.	<a href="#">1216230000</a>	cable lug, terminal end, Insulated cable connector, 4 mm² - 6
GTIN (EAN)	4050118000337	mm², yellow
Qty.	100 pc(s).	
Type	HBT 2,5 - 4,6 BL	Version
Order No.	<a href="#">1233330000</a>	cable lug, terminal end, Insulated cable connector, 1.5 mm² - 2.5
GTIN (EAN)	4050118016901	mm², blue
Qty.	100 pc(s).	

## Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

## General ordering data

Type	BZT 1 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	
Type	BZT 1 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

## WTD 6 SL/EN

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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 5/5 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).	

## W-Series



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

## General ordering data

Type	WTA 3 WDU4	Version
Order No.	<a href="#">1632350000</a>	Test adapter (terminal), 1.5 mm², 250 V, 6 A
GTIN (EAN)	4008190209711	
Qty.	25 pc(s).	