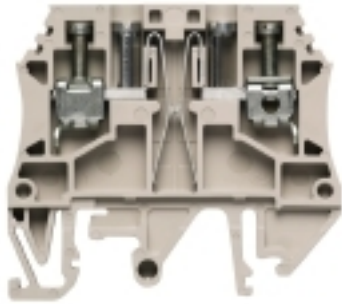


**WTL 4/2 STB****Weidmüller Interface GmbH & Co. KG**

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	Test-disconnect terminal, Screw connection, 4 mm <sup>2</sup> , 500 V, 10 A, pluggable, Cross-disconnect: without, Integral test socket: Yes, TS 35, dark beige
Order No.	<a href="#">1881650000</a>
Type	WTL 4/2 STB
GTIN (EAN)	4032248484041
Qty.	50 pc(s).

## WTL 4/2 STB

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## Technical data

## Dimensions and weights

Depth	48.5 mm	Depth (inches)	1.909 inch
Depth including DIN rail	50 mm	Height	56.5 mm
Height (inches)	2.224 inch	Width	6 mm
Width (inches)	0.236 inch	Net weight	13.45 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, Spacer, 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 35	N-function	No
PE function	No	PEN function	No

## Additional technical data

Open sides	Open	Type of mounting	Snap-on
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## CSA rating data

Certificate No. (CSA)	200039-1057876	Current size C (CSA)	8 A
Voltage size C (CSA)	150 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

## Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	Clamping screw	M 3
Connection cross-section, stranded, max.	6 mm <sup>2</sup>	Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	A4
Number of connections	2	Stripping length	10 mm
Tightening torque, max.	0.8 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screwdriver	2	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, 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, solid core, max.	6 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

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## Technical data

## Dimensions

TS 35 offset	28 mm
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## Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	pluggable		

## General

Rail	TS 35
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## Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	500 V
Rated DC voltage	500 V	Rated current	10 A
Current at maximum wires	11 A	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3		

## UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size D (cURus)	8 A
Voltage size D (cURus)	300 V	Wire cross section max. (cURus)	10 AWG
Wire cross section min. (cURus)	26 AWG		

## Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	EC000902	ETIM 9.0	EC000902
ECLASS 9.0	27-14-11-26	ECLASS 9.1	27-14-11-26
ECLASS 10.0	27-14-11-26	ECLASS 11.0	27-14-11-26
ECLASS 12.0	27-14-11-26	ECLASS 13.0	27-25-01-09

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	Oeb7d846-d0a1-43e5-93a4-d7c6856c4cda

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Creation date May 18, 2024 3:24:57 AM CEST

Catalogue status 04.05.2024 / We reserve the right to make technical changes.

## WTL 4/2 STB

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## Technical data

### 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>
Brochures	

### WTL 4/2 STB

**Weidmüller Interface GmbH & Co. KG**

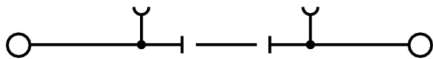
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## Drawings



## WTL 4/2 STB

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## Accessories

## 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 8 TN	Version
Order No.	<a href="#">1915450000</a>	Test adapter (terminal), 1.5 mm <sup>2</sup> , 205 V, 6 A
GTIN (EAN)	4032248548026	
Qty.	25 pc(s).	
Type	WTA 8 TN-KO/ZA	Version
Order No.	<a href="#">1915520000</a>	Test adapter (terminal), 1.5 mm <sup>2</sup> , 205 V, 6 A
GTIN (EAN)	4032248548095	
Qty.	25 pc(s).	
Type	WTA 8 KO-TN	Version
Order No.	<a href="#">1915480000</a>	Test adapter (terminal), 1.5 mm <sup>2</sup> , 205 V, 6 A
GTIN (EAN)	4032248548057	
Qty.	25 pc(s).	
Type	WTA 8 KO-TN/ZA	Version
Order No.	<a href="#">1915510000</a>	Test adapter (terminal), 1.5 mm <sup>2</sup> , 205 V, 6 A
GTIN (EAN)	4032248548088	
Qty.	25 pc(s).	
Type	WTA 8 TN-KO	Version
Order No.	<a href="#">1915470000</a>	Test adapter (terminal), 1.5 mm <sup>2</sup> , 205 V, 6 A
GTIN (EAN)	4032248548040	
Qty.	25 pc(s).	
Type	WTA 8 TN/ZA	Version
Order No.	<a href="#">1915500000</a>	Test adapter (terminal), 1.5 mm <sup>2</sup> , 205 V, 6 A
GTIN (EAN)	4032248548071	
Qty.	25 pc(s).	

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## Accessories

## WS 12/6



## 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 12/6 MM WS	Version
Order No.	<a href="#">2007200000</a>	WS, Terminal marker, 12 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118391886	
Qty.	600 pc(s).	

## W-Series



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).	

## WTL 4/2 STB

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## Accessories

## 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).	

## End plate



## 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	WAP WTL4/2	Version
Order No.	<a href="#">1881640000</a>	End plate (terminals), 55 mm x 2 mm, dark beige
GTIN (EAN)	4032248484034	
Qty.	50 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 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 12/6 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).	