

**WTL 35/1STB****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, 35 mm <sup>2</sup> , 500 V, 125 A, sliding, Cross-disconnect: without, Integral test socket: Yes, TS 35, dark beige
Order No.	<a href="#">1925060000</a>
Type	WTL 35/1STB
GTIN (EAN)	4032248566167
Qty.	10 pc(s).

## WTL 35/1STB

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## Technical data

## Dimensions and weights

Depth	67.5 mm	Depth (inches)	2.657 inch
Height	100 mm	Height (inches)	3.937 inch
Width	16 mm	Width (inches)	0.63 inch
Net weight	109.6 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, With sockets, 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

Number of similar terminals	1	Type of mounting	Snap-on
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## Conductors for clamping (rated connection)

Blade size	1.2 x 6.5 mm	Clamping range, max.	35 mm <sup>2</sup>
Clamping range, min.	4 mm <sup>2</sup>	Clamping screw	M 6
Connection cross-section, stranded, max.	35 mm <sup>2</sup>	Connection cross-section, stranded, min.	10 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	B9
Number of connections	2	Stripping length	18 mm
Type of connection	Screw connection	Wire connection cross section, finely stranded, max.	35 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	4 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	4 mm <sup>2</sup>		

## Dimensions

TS 35 offset	50 mm
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## Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	sliding	Torque max. screw separator	2.4 Nm
Torque min. screw separator	1.7 Nm		

## General

Rail	TS 35
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## Rating data

Rated cross-section	35 mm <sup>2</sup>	Rated voltage	500 V
Rated DC voltage	500 V	Rated current	125 A
Current at maximum wires	125 A	Volume resistance according to IEC 60947-7-x	0.26 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	4 W
Pollution severity	3		

## 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
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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>

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**Drawings**

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Fixing elements**

Screws for fixing the cover profiles complete the contact protection.

**General ordering data**

Type	BFEL + BEMU WEW WTL 35	Version
Order No.	<a href="#">1964820000</a>	W-Series, Fastening element
GTIN (EAN)	4032248651467	
Qty.	20 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 12/6 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).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****35 mm<sup>2</sup>****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	WQV 35/2	Version
Order No.	<a href="#">1053060000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190097349	Pitch in mm (P): 16.00, Insulated: Yes, 138 A, yellow
Qty.	50 pc(s).	

**Cover profiles**

The transparent cover hood system protects and seals the entire assembly. It is available either as a full-length profile or as an individual cover. It can only be fixed when all connection components are in their initial position. The assembly is optimally protected against unauthorised access without impairing visual inspection.

**General ordering data**

Type	ADHB/8 WTL35	Version
Order No.	<a href="#">2334730000</a>	Terminal cover, Transparent, Height: 219 mm, Width: 155 mm, Depth:
GTIN (EAN)	4032248644513	62 mm
Qty.	25 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Support brackets**

A support bracket stabilizes a 10x3 busbar within the terminal rail. Weidmüller recommends placing the retaining plate at least every 20 cm to ensure the required stability of the busbar position during maintenance work. Additionally the support bracket is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

**General ordering data**

Type	WEW WTL 35	Version
Order No.	<a href="#">1925040000</a>	W-Series, End bracket
GTIN (EAN)	4032248566143	
Qty.	10 pc(s).	

**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).	

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## Accessories

## Shorting elements



The short current bridges are inserted into two instrument transformer wiring terminal blocks. By using the short-circuit bridge, the desired short-circuit could be realized within the application for maintenance work.

## General ordering data

Type	WQS 2/16/5	Version
Order No.	<a href="#">1925070000</a>	W-Series, Short-circuit plug, Cross-connector, Number of poles: 2
GTIN (EAN)	4032248566174	
Qty.	10 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).	



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Slotted screwdriver**

Slotted screwdriver with rounded blade SD DIN 5265,  
ISO 2380/2, output to DIN 5264, ISO 2380/1.  
ChromTop tip, SoftFinish grip

**General ordering data**

Type	SDS 1.2X6.5X150	Version
Order No.	<a href="#">9009010000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248266869	
Qty.	1 pc(s).	