

**WTL 4****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	Measuring transformer disconnect terminal, Screw connection, 500, 32, 2
Order No.	<a href="#">1754960000</a>
Type	WTL 4
GTIN (EAN)	4032248054527
Qty.	50 items

## WTL 4

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

## Dimensions and weights

Depth	39.9 mm	Depth (inches)	1.5709 inch
Depth including DIN rail	40.7 mm	Height	61.3 mm
Height (inches)	2.4134 inch	Width	6.1 mm
Width (inches)	0.2402 inch	Net weight	10.96 g

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	7948ec8a-2463-4ee6-bb2c-835964375777

## Material data

Basic material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

## System specifications

Version	Screw connection, Spacer, for screwable cross-connection, 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
PE connection	No	Mounting rail	TS 35
N-function	No	PE function	No
PEN function	No		

## Additional technical data

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

## CSA rating data

Wire cross section max. (CSA)	10 AWG	Certificate No. (CSA)	200039-1057876
Voltage size B (CSA)	300 V	Current size B (CSA)	28 A
Voltage size D (CSA)	300 V	Current size D (CSA)	10 A
Wire cross section min. (CSA)	26 AWG		

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## Technical data

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 10
Connection direction	on side	Tightening torque, max.	0.7 Nm
Tightening torque, min.	0.4 Nm	Stripping length	10 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	6 mm <sup>2</sup>	Clamping range, min.	0.13 mm <sup>2</sup>
Clamping screw	M 2.5	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 26	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 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.	0.13 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.13 mm <sup>2</sup>	Connection cross-section, stranded, max.	4 mm <sup>2</sup>
Connection cross-section, stranded, min. 0.13 mm <sup>2</sup>		Torque level with DMS electric screwdriver	1
Wire connection cross-section, solid core, max.	6 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.13 mm <sup>2</sup>

## Dimensions

TS 35 offset 30 mm

## General

Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Mounting rail	TS 35		

## Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	32 A
Current at maximum wires	41 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

Voltage size B (UR)	300 V	Current size B (UR)	28 A
Conductor size Factory wiring max. (UR)	10 AWG	Current size D (UR)	10 A
Conductor size Factory wiring min. (UR)	26 AWG	Certificate No. (UR)	E60693
Conductor size Field wiring min. (UR)	26 AWG	Voltage size D (UR)	300 V
Conductor size Field wiring max. (UR)	10 AWG		

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## Technical data

### Classifications

ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		



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## Accessories

## Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

## General ordering data

Type	WQV 4/2	Version
Order No.	<a href="#">1051960000</a>	Cross-connector (terminal), when screwed in, yellow, 41 A, Number of
GTIN (EAN)	4008190026486	poles: 2, Pitch in mm (P): 6.10, Insulated: Yes, Width: 10.6 mm
Qty.	50 ST	
Type	WQV 4/3	Version
Order No.	<a href="#">1054560000</a>	Cross-connector (terminal), when screwed in, yellow, 41 A, Number of
GTIN (EAN)	4008190168971	poles: 3, Pitch in mm (P): 6.10, Insulated: Yes, Width: 7.6 mm
Qty.	50 ST	
Type	WQV 4/4	Version
Order No.	<a href="#">1054660000</a>	Cross-connector (terminal), when screwed in, yellow, 41 A, Number of
GTIN (EAN)	4008190095758	poles: 4, Pitch in mm (P): 6.10, Insulated: Yes, Width: 7.6 mm
Qty.	50 ST	
Type	WQV 4/5	Version
Order No.	<a href="#">1057860000</a>	Cross-connector (terminal), when screwed in, yellow, 41 A, Number of
GTIN (EAN)	4008190067380	poles: 5, Pitch in mm (P): 6.10, Insulated: Yes, Width: 7.6 mm
Qty.	10 ST	
Type	WQV 4/6	Version
Order No.	<a href="#">1057160000</a>	Cross-connector (terminal), when screwed in, yellow, 41 A, Number of
GTIN (EAN)	4008190172008	poles: 6, Pitch in mm (P): 6.10, Insulated: Yes, Width: 7.6 mm
Qty.	10 ST	
Type	WQV 4/7	Version
Order No.	<a href="#">1057260000</a>	Cross-connector (terminal), when screwed in, yellow, 41 A, Number of
GTIN (EAN)	4008190092139	poles: 7, Pitch in mm (P): 6.10, Insulated: Yes, Width: 7.6 mm
Qty.	10 ST	
Type	WQV 4/10	Version
Order No.	<a href="#">1052060000</a>	Cross-connector (terminal), when screwed in, yellow, 41 A, Number of
GTIN (EAN)	4008190054687	poles: 10, Pitch in mm (P): 6.10, Insulated: Yes, Width: 7.6 mm
Qty.	20 ST	

## End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

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## Accessories

## General ordering data

Type	ZAP/TW 1	Version
Order No.	<a href="#">1608740000</a>	Z-series, Accessories, End plate, Partition plate
GTIN (EAN)	4008190190859	
Qty.	50 ST	
Type	ZAP/TW 1 BL	Version
Order No.	<a href="#">1608750000</a>	Z-series, Accessories, End plate, Partition plate
GTIN (EAN)	4008190190866	
Qty.	50 ST	
Type	ZAP/TW 1 GN	Version
Order No.	<a href="#">1683680000</a>	Z-series, End plate, Partition plate
GTIN (EAN)	4008190476489	
Qty.	50 ST	
Type	ZAP/TW 1 GR	Version
Order No.	<a href="#">1683710000</a>	Z-series, End plate, Partition plate
GTIN (EAN)	4008190476793	
Qty.	50 ST	
Type	ZAP/TW 1 RT	Version
Order No.	<a href="#">1683660000</a>	Z-series, End plate, Partition plate
GTIN (EAN)	4008190483111	
Qty.	50 ST	
Type	ZAP/TW 1 OR	Version
Order No.	<a href="#">1608760000</a>	Z-series, End plate, Partition plate
GTIN (EAN)	4008190190873	
Qty.	50 ST	
Type	ZAP/TW 1 SW	Version
Order No.	<a href="#">1683730000</a>	Z-series, End plate, Partition plate
GTIN (EAN)	4008190476885	
Qty.	50 ST	

## Accessorie



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## General ordering data

Type	QVS 2/4 SAKT4	Version
Order No.	<a href="#">1319260000</a>	Cross-connector (terminal), when screwed in, orange, 32 A, Number of poles: 2, Pitch in mm (P): 12.00, Insulated: Yes, Width: 11 mm
GTIN (EAN)	4008190136512	
Qty.	20 ST	

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## General ordering data

Type	VH 16.1/5/3.4	Version
Order No.	<a href="#">0309700000</a>	Connecting sleeve (terminal), when screwed in, Width: 5 mm, Height:
GTIN (EAN)	4008190037024	5 mm, Depth: 16.1 mm, Number of poles: 1, Cu Zn
Qty.	50 ST	

## Mounting support



We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

## General ordering data

Type	BFSC M3X22 SAKT4	Version
Order No.	<a href="#">1319900000</a>	Mounting screw (Terminal), 3.00 mm, Plastic, Depth: 4.8 mm, Width:
GTIN (EAN)	4008190029326	4.8 mm, Height: 22 mm
Qty.	50 ST	

## Testadapter and testsockets



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	PS 2.3 RT	Version
Order No.	<a href="#">0180400000</a>	Test adapter (terminal), 230 V, 20 mA
GTIN (EAN)	4008190060121	
Qty.	20 ST	



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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.

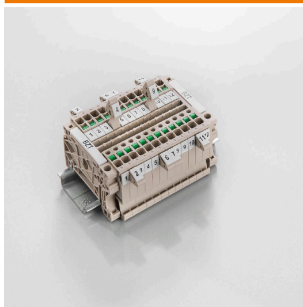
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- 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.	1000 ST	
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 ST	

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

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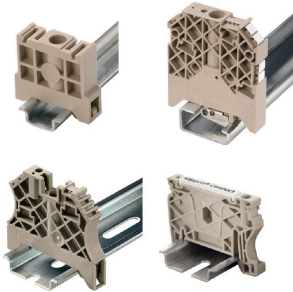
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## Accessories

## End bracket



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	AEB 35 SCL/1 V0 GY	Version
Order No.	<a href="#">2661290000</a>	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 ST	
Type	AEB 35 SCL/1 V0 BK	Version
Order No.	<a href="#">2661300000</a>	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 ST	
Type	AEB 35 SCL/1 V0	Version
Order No.	<a href="#">2661280000</a>	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 ST	
Type	AEB 35 SC/1 BK	Version
Order No.	<a href="#">2475310000</a>	A-series, End bracket
GTIN (EAN)	4050118487114	
Qty.	50 ST	
Type	AEB 35 SC/1	Version
Order No.	<a href="#">1991920000</a>	A-series, End bracket
GTIN (EAN)	4050118376722	
Qty.	50 ST	

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## Accessories

## DEK 5/6



## 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	DEK 5/6 MM WS	Version
Order No.	<a href="#">2007120000</a>	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118392104	
Qty.	600 ST	

## WS 12/6



## WS/ DEK

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## 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 ST	

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**General ordering data**

Type	STB 8.5/5/2.3/M3 SAK2.5	Version	
Order No.	<a href="#">0280600000</a>	Accessories, Socket	
GTIN (EAN)	4008190023188		
Qty.	50 ST		