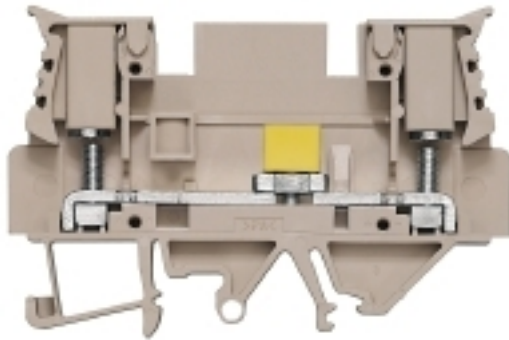


**WTL 6/4 FF****Weidmüller Interface GmbH & Co. KG**

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, 6 mm <sup>2</sup> , 800 V, 41 A, sliding, Cross-disconnect: without, Integral test socket: No, TS 35, dark beige
Order No.	<a href="#">1887210000</a>
Type	WTL 6/4 FF
GTIN (EAN)	4032248526796
Qty.	50 pc(s).

## WTL 6/4 FF

Weidmüller Interface GmbH &amp; Co. KG

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www.weidmueller.com

## Technical data

## Dimensions and weights

Depth	52 mm	Depth (inches)	2.047 inch
Depth including DIN rail	53.4 mm	Height	76.5 mm
Height (inches)	3.012 inch	Width	11 mm
Width (inches)	0.433 inch	Net weight	40.56 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, for plug-in cross-connector, 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
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

## Additional technical data

Type of mounting	Snap-on
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## CSA rating data

Certificate number (cCSAus)	227775-1609344	Current size B (cCSAus)	40 A
Current size C (cCSAus)	40 A	Current size D (cCSAus)	40 A
Voltage size B (cCSAus)	600 V	Voltage size C (cCSAus)	600 V
Voltage size D (cCSAus)	600 V	Wire cross section max. (cCSAusX)	10 AWG
Wire cross section min. (cCSAusX)	26 AWG		

## Conductors for clamping (rated connection)

Blade size	0.8 x 5.5 mm	Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping screw	M 4
Connection direction	on side	Number of connections	2
Tightening torque, max.	2.4 Nm	Tightening torque, min.	1.2 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.	1.5 mm <sup>2</sup>		

## Dimensions

TS 35 offset	38.5 mm
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## WTL 6/4 FF

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## Technical data

## Disconnect terminals

Cross-disconnect	without	Integral test socket	No
Slitting	sliding	Torque max. screw separator	1 Nm
Torque min. screw separator	0.5 Nm		

## General

Rail	TS 35
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## Rating data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	800 V
Rated DC voltage	800 V	Rated current	41 A
Current at maximum wires	41 A	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	1.31 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 B (cURus)	30 A
Current size C (cURus)	30 A	Voltage size B (cURus)	600 V
Voltage size C (cURus)	600 V		

## 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	/
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## Approvals

Approvals



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

## WTL 6/4 FF

**Weidmüller Interface GmbH & Co. KG**

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## Technical data

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">CB Test Certificate</a>
	<a href="#">CB Certificate</a>
	<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>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

### WTL 6/4 FF

**Weidmüller Interface GmbH & Co. KG**

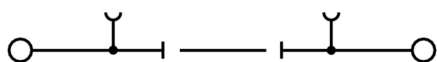
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## Drawings



**WTL 6/4 FF****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****W-Series**

**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).	

**QS**

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	QS 2/12/4	Version
Order No.	<a href="#">0270760000</a>	Cross-connector (terminal), Plugged, Number of poles: 2, Pitch in mm
GTIN (EAN)	4008190011420	(P): 12.00, Insulated: Yes, 44 A, beige
Qty.	20 pc(s).	

## WTL 6/4 FF

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[www.weidmueller.com](http://www.weidmueller.com)

## Accessories

## Slotted screwdriver



VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

## General ordering data

Type	SDIS 0.6X3.5X100	Version
Order No.	<a href="#">9008390000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248056354	
Qty.	1 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 12/9.5-11 MC NE WS	Version
Order No.	<a href="#">2484220000</a>	, Polyamide 66, Colour: white
GTIN (EAN)	4050118494808	
Qty.	300 pc(s).	

## WTL 6/4 FF

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## Accessories

## End plate

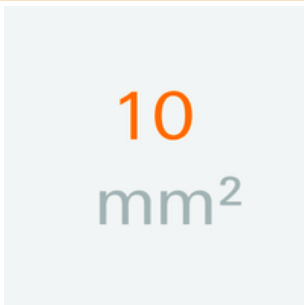


## Current and voltage transformer wiring

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 WTL6/4FF	Version
Order No.	<a href="#">1887240000</a>	End plate (terminals), 1.5 mm, dark beige
GTIN (EAN)	4032248526819	
Qty.	20 pc(s).	

10 mm<sup>2</sup>

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

## General ordering data

Type	ZQV 10/2	Version
Order No.	<a href="#">1739680000</a>	Accessories, Cross-connector, 57 A
GTIN (EAN)	4008190957131	
Qty.	25 pc(s).	



## WTL 6/4 FF

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## Accessories

## Cross Connection

## General ordering data

Type	QL 4 WTL6/4FF	Version
Order No.	<a href="#">1897030000</a>	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	40322485 14007	Pitch in mm (P): 11.00, Insulated: No, 41 A, Silver grey
Qty.	100 pc(s).	
Type	WQB 5 WTL 6/4 FF	Version
Order No.	<a href="#">2550760000</a>	Cross-connector (terminal), when screwed in, Number of poles: 5,
GTIN (EAN)	4050118560626	Pitch in mm (P): 11.10, Insulated: Yes, 41 A, orange
Qty.	10 pc(s).	
Type	WQB 3 WTL 6/4 FF	Version
Order No.	<a href="#">2550740000</a>	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	4050118560602	Pitch in mm (P): 11.10, Insulated: Yes, 41 A, orange
Qty.	10 pc(s).	
Type	WQB 7 WTL 6/4 FF	Version
Order No.	<a href="#">2550770000</a>	Cross-connector (terminal), when screwed in, Number of poles: 7,
GTIN (EAN)	4050118560633	Pitch in mm (P): 11.10, Insulated: Yes, 41 A, orange
Qty.	10 pc(s).	
Type	Q 10 WTL 6/4FF	Version
Order No.	<a href="#">1897190000</a>	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	40322485 14168	Pitch in mm (P): 11.00, Insulated: No, 41 A, Silver grey
Qty.	50 pc(s).	
Type	WQB 6 WTL 6/4 FF	Version
Order No.	<a href="#">2551490000</a>	Cross-connector (terminal), when screwed in, Number of poles: 6,
GTIN (EAN)	4050118577648	Pitch in mm (P): 11.10, Insulated: Yes, 41 A, orange
Qty.	10 pc(s).	
Type	WQB 4 WTL 6/4 FF	Version
Order No.	<a href="#">2550750000</a>	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4050118560619	Pitch in mm (P): 11.10, Insulated: Yes, 41 A, orange
Qty.	10 pc(s).	
Type	WQB 12 WTL 6/4 FF	Version
Order No.	<a href="#">2552080000</a>	Cross-connector (terminal), when screwed in, Number of poles: 12,
GTIN (EAN)	4050118577655	Pitch in mm (P): 11.10, Insulated: Yes, 41 A, orange
Qty.	10 pc(s).	
Type	WQB 10 WTL 6/4 FF	Version
Order No.	<a href="#">2550780000</a>	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	4050118560640	Pitch in mm (P): 11.10, Insulated: Yes, 41 A, orange
Qty.	10 pc(s).	
Type	Q 2 WTL6/4FF	Version
Order No.	<a href="#">1897110000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	40322485 14083	Pitch in mm (P): 11.00, Insulated: No, 41 A, Silver grey
Qty.	100 pc(s).	

Creation date July 5, 2024 10:31:03 AM CEST

## WTL 6/4 FF

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## Accessories

Type	QL 3 WTL6/4FF	Version
Order No.	<a href="#">1897020000</a>	Cross-connector (terminal), when screwed in, Number of poles: 3,
GTIN (EAN)	40322485 13994	Pitch in mm (P): 11.00, Insulated: No, 41 A, Silver grey
Qty.	100 pc(s).	
Type	Q 4 WTL 6/4FF	Version
Order No.	<a href="#">1897130000</a>	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	40322485 14106	Pitch in mm (P): 11.00, Insulated: No, 41 A, Silver grey
Qty.	100 pc(s).	
Type	WQB 2 WTL 6/4 FF	Version
Order No.	<a href="#">2550640000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4050118560503	Pitch in mm (P): 11.10, Insulated: Yes, 41 A, orange
Qty.	10 pc(s).	
Type	QL 10 WTL 6/4 FF	Version
Order No.	<a href="#">1897090000</a>	Cross-connector (terminal), when screwed in, Number of poles: 10,
GTIN (EAN)	40322485 14069	Pitch in mm (P): 11.00, Insulated: No, 41 A, Silver grey
Qty.	100 pc(s).	
Type	QL 2 WTL6/4FF	Version
Order No.	<a href="#">1897010000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	40322485 13987	Pitch in mm (P): 11.00, Insulated: No, 41 A, Silver grey
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 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	
Type	BZT 1 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	

**WTL 6/4 FF****Weidmüller Interface GmbH & Co. KG**

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****QL mounting screws**

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	KISC M3X20.5/10 EK4	Version
Order No.	<a href="#">0303000000</a>	Clamping yoke, Mounting screw, Steel
GTIN (EAN)	4008190163686	
Qty.	100 pc(s).	

**Connection sleeves****General ordering data**

Type	VH 13.5/4.9/3.3	Version
Order No.	<a href="#">0248500000</a>	Connecting sleeve (terminal), Height: 4.9 mm, Width: 4.9 mm, Depth:
GTIN (EAN)	4008190022723	13.5 mm, Copper
Qty.	100 pc(s).	

## WTL 6/4 FF

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## Accessories

## Crimping tools

**Crimping tools for insulated connectors**

cable lugs, terminal pins, parallel and serial connectors, plug-in connectors

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- With stop for exact positioning of the contacts.
- Tested to DIN EN 60352 part 2

## General ordering data

Type	CTI 6	Version
Order No.	<a href="#">9006120000</a>	Pressing tool, Crimping tool for contacts, 0.5mm <sup>2</sup> , 6mm <sup>2</sup> , Oval
GTIN (EAN)	4008190044527	crimping, Double crimp
Qty.	1 pc(s).	

## Ring cable lugs

**Insulated ring-cable connector made from PVC**

- Commercially available designs
- Not soldered
- With conical entry funnel

## General ordering data

Type	LIR 6M4 V	Version
Order No.	<a href="#">9200230000</a>	cable lug, terminal end, Insulated cable connector, 6 mm <sup>2</sup> , 4 mm <sup>2</sup> - 6 mm <sup>2</sup>
GTIN (EAN)	4032248410057	
Qty.	100 pc(s).	
Type	LIR 1,5M4 V	Version
Order No.	<a href="#">9200090000</a>	cable lug, terminal end, Insulated cable connector, 1.5 mm <sup>2</sup> , 0.5 mm <sup>2</sup> - 1.5 mm <sup>2</sup>
GTIN (EAN)	4032248409853	
Qty.	100 pc(s).	
Type	LIR 2,5M4 V	Version
Order No.	<a href="#">9200170000</a>	cable lug, terminal end, Insulated cable connector, 2.5 mm <sup>2</sup> , 1.5 mm <sup>2</sup> - 2.5 mm <sup>2</sup>
GTIN (EAN)	4032248409792	
Qty.	100 pc(s).	