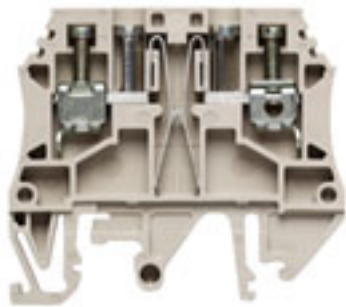


**W-Series  
WTL 4/2 STB**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



Special instruments are required for measuring electrical energy. One wrong connection during maintenance work is enough to ruin a current transformer! Disconnect test terminals represent a reliable way of solving this problem. As a leading supplier of line connectors, Weidmüller has developed special disconnect test terminals in close cooperation with users. These modular terminals ensure optimum realisation of all important circuits for the measurement of current, voltage and energy. Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be implemented. Besides disconnect test terminals with screw or tension clamp connections, Weidmüller also has a comprehensive range of accessories, including test adapters, cross-connections and markers for the testing of 3-phase and AC circuits as well as voltages.

**General ordering data**

Order No.	<a href="#">1881650000</a>
Type	WTL 4/2 STB
Version	W-Series, Test-disconnect terminal, Rated cross-section: 4 mm <sup>2</sup> , Screw connection
GTIN (EAN)	4032248484041
Qty.	50 pc(s).

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**Technical data****Dimensions and weights**

Length	56.5 mm	Width	6 mm
Height	48.5 mm	Height of lowest version	50 mm
Net weight	13.45 g		

**Temperatures**

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

**2 clampable wires (H05V/H07V) same cross-section (rated connection)**

Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm <sup>2</sup>	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm <sup>2</sup>

**Additional technical data**

Open sides	Open	Type of mounting	Snap-on
Version	Screw connection, Disconnection element, One end without connector		

**CSA ratings data**

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

**Clampable wires (rated connection)**

Type of connection	Screw connection	Stripping length	10 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Clamping range, rated connection, min.	0.13 mm <sup>2</sup>	Clamping range, rated connection, max.	6 mm <sup>2</sup>
Clamping screw	M 3	Tightening torque, min.	0.5 Nm
Tightening torque, max.	0.8 Nm	Torque level with DMS electric screwdriver	2
Gauge to IEC 60947-1	A4	Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>
Wire connection cross section, solid core max. rated connection	6 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, max.	6 mm <sup>2</sup>	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, rated connection, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm <sup>2</sup>		

**Dimensions**

TS 35 offset	28 mm
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**Technical data****Disconnect terminals**

Tightening torque, max.	0.8 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screwdriver	2		

**Rated data**

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	10 A
Current at maximum wires	11 A	Pollution severity	3

**UL ratings data**

Certificate No. (cURus)	E60693VOL1SEC38	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

**Material data**

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

**System specifications**

Product family	W-Series	Type of connection	Screw connection
Connection direction	on side	Mounting rail	TS 35
End cover plate required	Yes		

**Classifications**

ETIM 2.0	EC000902	ETIM 3.0	EC000902
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-26
eClass 5.1	27-14-11-26	eClass 6.2	27-14-11-26
eClass 7.1	27-14-11-26		

**Product information**

Descriptive text technical data	2 wires can be connected; similar to the WDU 4N.
Descriptive text accessories	WTA 8-series test adapter, WQV external cross-connector, end bracket and shield bus LS 2.8, refer to "Accessories".
Product description	With socket

**Approvals**

Approvals



ROHS Conform