

**W-Series, WeiCoS  
WDT 2.5 BT****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

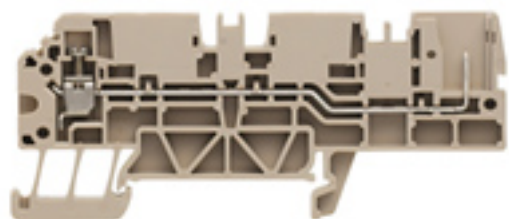
D-32758 Detmold

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www.weidmueller.com



The versatile and extensive range of products - from 0.05 mm<sup>2</sup> to 300 mm<sup>2</sup> - means that you have diverse options for your applications at your disposal.

Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

**General ordering data**

Order No.	<a href="#">1305310000</a>
Type	WDT 2.5 BT
GTIN (EAN)	4050118104349
Qty.	50 pc(s).

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

Length	85.5 mm	Width	5.1 mm
Height	36 mm	Height of lowest version	36.5 mm
Net weight	7.439 g		

**Temperatures**

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

**Additional technical data**

Open sides	Version	1 plug-in connection - 1 plug-in connection - 1 adapter connection, for plug-in cross-connector, One end without connector
right		

**Clampable wires (rated connection)**

Type of connection	Screw connection	Type of connection 2	Plug-in connection
Stripping length	7 mm	Blade size	0.6 x 3.5 mm
Connection direction	on side	Number of connections	1
Clamping range, rated connection, min.	0.13 mm <sup>2</sup>	Clamping range, rated connection, max.	4 mm <sup>2</sup>
Clamping screw	M 2.5	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.6 Nm	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	4 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.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 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.	2.5 mm <sup>2</sup>
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

**Rated data**

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	24 A
Current at maximum wires	27 A	Standards	IEC 60947-7-1, IEC 61984
Pollution severity	3		

**Material data**

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

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**Technical data****System specifications**

Product family	W-Series, WeiCoS	Type of connection	Screw connection
Type of connection 2	Plug-in connection	Connection direction	on side
Number of levels	1	Number of connections	1
No. of clamping points per level	1	Number of potentials per level	1
Mounting rail	TS 35	End cover plate required	Yes

**Classifications**

eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
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