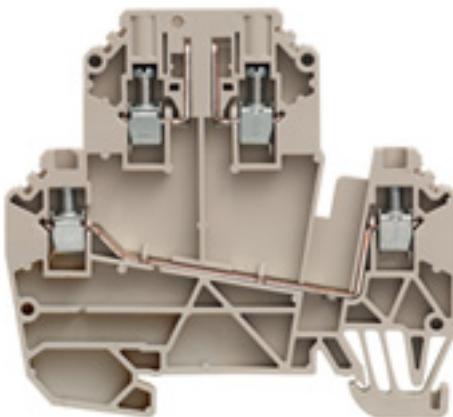


## W-Series

### WDK 2.5/TR-DU/o TNHE

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergsstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
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The new space-saving WDK 2.5 DU PE TR series enables you to wire up signal circuits using only one terminal block. The signal can be fed through the upper level of the terminal block so that the lower connection level still has room for the neutral conductor. The accompanying shield connection can save space by connecting to the integrated PE connection. This means that additional PE terminal blocks or other connection mechanisms in the electrical cabinet are no longer required. Depending on the type of signal and requirement, the upper connection level can be fitted with a disconnect lever or pluggable SIHA safety lever. The WDK 2.5 DU PE TR – with a width of only 5.1 mm – currently offers the highest wiring density of all screw terminal blocks for signal routing, and it does this without compromising on versatility or functionality.

#### General ordering data

Type	WDK 2.5/TR-DU/o TNHE
Order No.	<a href="#">1833600000</a>
Version	W-Series, Test-disconnect terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Screw connection
GTIN (EAN)	4032248996926
Qty.	50 pc(s).

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

Length	72.5 mm
Height	66 mm
Net weight	16 g

Width	5.1 mm
Height of lowest version	67 mm

**Temperatures**

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

Continuous operating temp., max.	120 °C
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**Additional technical data**

Explosion-tested version	No
Type of mounting	Snap-on

Open sides	right
Version	Screw connection, One end without connector

**CSA ratings data**

Certificate No. (CSA)	200039-1057876
Current size C (CSA)	20 A
Wire cross section min. (CSA)	30 AWG

Voltage size C (CSA)	300 V
Wire cross section max. (CSA)	12 AWG

**Clampable wires (rated connection)**

Type of connection	Screw connection
Connection direction	on side
Clamping range, rated connection, min.	0.5 mm <sup>2</sup>
Clamping screw	M 3
Tightening torque, max.	0.6 Nm
Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 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>
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>

Blade size	0.6 x 3.5 mm
Number of connections	4
Clamping range, rated connection, max.	4 mm <sup>2</sup>
Tightening torque, min.	0.5 Nm
Gauge to IEC 60947-1	A2
Wire connection cross section, solid core max. rated connection	4 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, 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, max.	2.5 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>

**Disconnect terminals**

Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.5 Nm

Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.5 Nm

**Rated data**

Rated cross-section	2.5 mm <sup>2</sup>
Rated impulse withstand voltage	8 kV
Pollution severity	3

Rated voltage	690 V
Rated current	24 A

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**Technical data**

Certificate No. (UR)	E60693VOL1SEC68	Voltage size C (UR)	300 V
Current size C (UR)	20 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	30 AWG	Conductor size Field wiring max. (UR)	12 AWG

**Material data**

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

**System specifications**

Product family	W-Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	2
Number of connections	4	No. of clamping points per level	2
Levels cross-connected internally	No	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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**Approvals**

Approvals	
ROHS	Conform