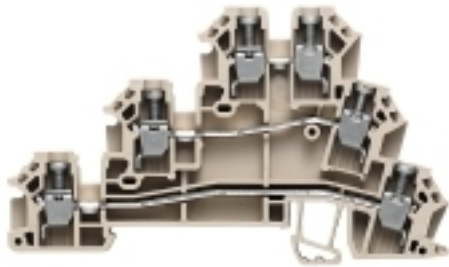


**W-Series  
DLD 2.5 DB**

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



Three-conductor terminals enable the connection of up to three different potentials and can also be used as feeder elements for initiator and actuator terminals. True feed-through terminals and multi-tier terminals with PE contact are available.

**General ordering data**

Type	DLD 2.5 DB
Order No.	<a href="#">1784180000</a>
Version	W-Series, Initiator/actuator terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Screw connection
GTIN (EAN)	4032248189854
Qty.	50 pc(s).

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

Width	6.1 mm	Height	82.5 mm
Height of lowest version	49 mm	Depth	48.5 mm
Net weight	15.84 g		

**Temperatures**

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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**Additional technical data**

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on
Version	Screw connection, One end without connector		

**CSA ratings data**

Certificate No. (CSA)	12400-134	Voltage size C (CSA)	300 V
Current size C (CSA)	10 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

**Clampable wires (additional connection)**

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm <sup>2</sup>
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**Clampable wires (rated connection)**

Type of connection	Screw connection	Stripping length	7 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Number of connections	6	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
Torque level with DMS electric screwdriver	1	Gauge to IEC 60947-1	A3
Wire connection cross section, solid core, min. 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>
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	250 V
Rated impulse withstand voltage	4 kV	Rated current	24 A
Current at maximum wires	24 A	Standards	IEC 60947-7-1
Pollution severity	3		

**Data sheet**

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**Technical data**

**UL ratings data**

Certificate No. (UR)	E60693	Voltage size D (UR)	300 V
Current size D (UR)	10 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 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	Number of levels	3
Number of connections	6	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes	PE connection	No

**Classifications**

ETIM 3.0	EC000900	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-28	eClass 6.2	27-14-11-28
eClass 7.1	27-14-11-28		

**Product information**

Descriptive text ordering data	Variant in blue, Order no. 6269250000 (qty. 50)
Descriptive text technical data	Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.
Descriptive text accessories	TEAP DLD2.5 DB partial end plate, Order no. 1784220000 (20 pcs.)

**Approvals**

Approvals



ROHS Conform

**Data sheet**

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**Drawings**

