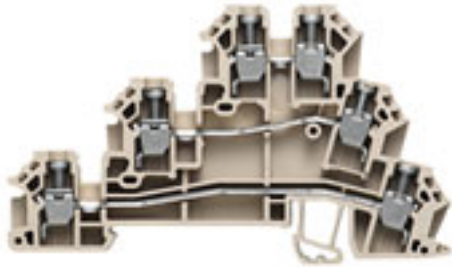


**Initiator and actuator terminal
DLD 2.5 DB**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
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

Order No.	1784180000
Type	DLD 2.5 DB
Version	Initiator and actuator terminal, Initiator/actuator terminal, Rated cross-section: 2.5 mm ² , Screw connection, Direct mounting
GTIN (EAN)	4032248189854
Qty.	50 pc(s).

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Technical data

Dimensions

Length	82.5 mm	Width	6.1 mm
Height	48.5 mm	Height of lowest version	49 mm

Temperatures

Operating temperature	Storage temperature
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Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

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 ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 2.5 mm ²
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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 ²
Clamping range, rated connection, max.	4 mm ²	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, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	4 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	4 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

Rated data

Rated cross-section	2.5 mm ²	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		

UL ratings data

Certificate No. (UR)	E60693VOL1SEC42	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

Creation date January 18, 2012 11:10:00 PM CET

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Technical data

Material data

Material	Wemid	Colour	dark beige
Flammability class UL 94	V-0		

System specifications

Product family	Initiator and actuator terminal	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	End cover plate required	Yes

Classifications

ETIM 2.0	EC000900	ETIM 3.0	EC000900
ETIM 4.0	EC000900	UNSPSC	30-21-18-11
eClass 4.1	27-14-11-28	eClass 5.1	27-14-11-28
eClass 6.0	27-14-11-28		

Approvals

Approvals



Product information

Note, ordering data	Blue version order No. 6269250000 (50 pcs)
Note, technical data	Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.
Note, accessories	Insulation plate TSCH 1 order No. 0319160000 (100 pcs) Partial end plate TEAP DLD2.5/PE DB order No. 1783810000 (20 pcs)

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Drawings

