

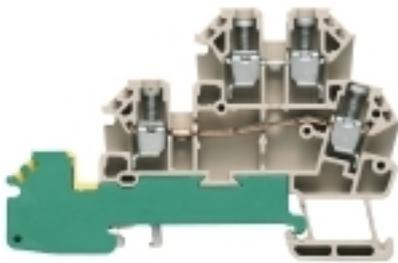
**DLD 2.5/PE DB****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image****Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

Version	W-Series, Initiator/actuator terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Screw connection
Order No.	<a href="#">1783790000</a>
Type	DLD 2.5/PE DB
GTIN (EAN)	4032248212514
Qty.	50 pc(s).

Creation date March 25, 2021 7:42:40 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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

Depth	48.5 mm	Depth (inches)	1.909 inch
Depth including DIN rail	49 mm	Height	74.5 mm
Height (inches)	2.933 inch	Net weight	15.9 g
Width	6.1 mm	Width (inches)	0.24 inch

**Temperatures**

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

**Material data**

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

**System specifications**

Version	Screw connection, With PE connection, One end without connector	End cover plate required	Yes
Number of potentials	3	Number of levels	3
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	N-function	No
PE function	Yes	PEN function	No

**Additional technical data**

Explosion-tested version	No	Open sides	right
Type of mounting	Snap-on		

**CSA rating data**

Certificate No. (CSA)	12400-280	Current size D (CSA)	10 A
Wire cross section max. (CSA)	12 AWG	Wire cross section min. (CSA)	26 AWG

**Conductors for clamping (additional connection)**

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.

2.5 mm<sup>2</sup>**Conductors for clamping (rated connection)**

Blade size 0.6 x 3.5 mm

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## Technical data

Clampable conductor	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	solid, H05(07) V-U		
		min.	0.5 mm <sup>2</sup>		
		max.	4 mm <sup>2</sup>		
	wire end ferrule	Stripping length	min.	7 mm	
			max.	7 mm	
			nominal	7 mm	
	Tightening torque	min.	0.4 Nm		
		max.	0.6 Nm		
	Recommended wire-end ferrule				
	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	stranded, H07V-R		
min.		0.5 mm <sup>2</sup>			
max.		4 mm <sup>2</sup>			
nominal		2.5 mm <sup>2</sup>			
wire end ferrule	Stripping length	min.	7 mm		
		max.	7 mm		
		nominal	7 mm		
Tightening torque	min.	0.4 Nm			
	max.	0.6 Nm			
Recommended wire-end ferrule					
Connection specification		Screw connection			
Cross-section for conductor connection	Type	flexible, H05(07) V-K			
	min.	0.5 mm <sup>2</sup>			
	max.	4 mm <sup>2</sup>			
	nominal	2.5 mm <sup>2</sup>			
wire end ferrule	Stripping length	min.	7 mm		
		max.	7 mm		
		nominal	7 mm		
Tightening torque	min.	0.4 Nm			
	max.	0.6 Nm			
Recommended wire-end ferrule					
Clamping range, max.	4 mm <sup>2</sup>				
Clamping range, min.	0.13 mm <sup>2</sup>				
Clamping screw	M 2.5				
Connection cross-section, stranded, max.	4 mm <sup>2</sup>				
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>				
Connection direction	on side				
Gauge to IEC 60947-1	A3				
Number of connections	5				
Stripping length	7 mm				
Tightening torque, max.	0.6 Nm				
Tightening torque, min.	0.4 Nm				
Type of connection	Screw connection				
Wire connection cross section AWG, max.	AWG 12				
Wire connection cross section AWG, min.	AWG 26				
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, max.	2.5 mm <sup>2</sup>				

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**Technical data**

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>
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Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>
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Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>
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**General**

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26

**Rating data**

Power loss in accordance with IEC 60947-7-x	0.77 W	Rated cross-section	2.5 mm <sup>2</sup>
Rated voltage	250 V	Rated current	17.5 A
Current at maximum wires	17.5 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	2.66 mΩ	Rated impulse withstand voltage	4 kV
Pollution severity	3		

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size D (UR)	10 A
UL_wire_max_Print	12 AWG	UL_wire_min_Print	26 AWG
Voltage size D (UR)	300 V		

**Classifications**

ETIM 6.0	EC000900	ETIM 7.0	EC000900
ECLASS 9.0	27-14-11-28	ECLASS 9.1	27-14-11-28
ECLASS 10.0	27-14-11-28	ECLASS 11.0	27-14-11-28

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E60693

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>

**Data sheet**

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**Drawings**

