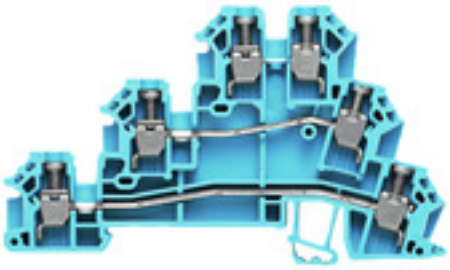
DLD 2.5 BL

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 easer 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 mm², Screw connection
Order No.	6269250000
Type	DLD 2.5 BL
GTIN (EAN)	4008190529505
Qty.	50 pc(s).

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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	82 mm
Height (inches)	3.228 inch	Net weight	16.86 g
Width	6.2 mm	Width (inches)	0.244 inch

Temperatures

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

Material data

Material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

System specifications

Version	Screw 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	No
Rail	TS 35	N-function	Yes
PE function	No	PEN function	No

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm²	Wire cross-section, finely stranded, two clampable wires, max.	1 mm²

Additional technical data

Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

CSA rating data

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

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 mm²	
		max.	4 mm²	
		nominal	2.5 mm²	
	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 mm²	
		max.	4 mm²	
		nominal	2.5 mm²	
	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 mm²	
		max.	4 mm²	
		nominal	2.5 mm²	
	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 mm²
Clamping range, min.	0.13 mm²
Clamping screw	M 2.5
Connection cross-section, stranded, max.	4 mm²
Connection cross-section, stranded, min.	0.5 mm²
Connection direction	on side
Gauge to IEC 60947-1	A3
Number of connections	6
Stripping length	7 mm
Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.4 Nm
Torque level with DMS electric screwdriver	1
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 mm²

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross-section, solid core, max.	4 mm²
Wire connection cross-section, solid core, min.	0.5 mm²

Dimensions

TS 35 offset	46 mm

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 mm²
Rated voltage	250 V	Rated current	24 A
Current at maximum wires	24 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	3.99 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_current_Print	10 A	UL_voltage_Print	300 V
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

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Technical data

Downloads

Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks