

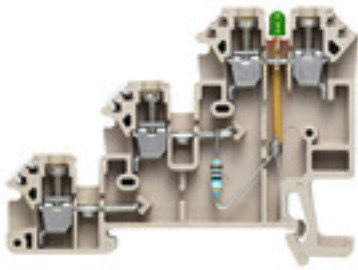
DLI 2.5/LD-GN/NPN -+ DB**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

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	Initiator/actuator terminal, Screw connection, dark beige, 2.5 mm ² , 24 A, 30 V, Number of connections: 4, Number of levels: 3, TS 35
Order No.	1783940000
Type	DLI 2.5/LD-GN/NPN -+ DB
GTIN (EAN)	4032248218813
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	66 mm
Height (inches)	2.598 inch	Width	6.1 mm
Width (inches)	0.24 inch	Net weight	10.75 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °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 LED, One end without connector	End cover plate required	Yes
Number of potentials	2	Number of levels	3
Number of clamping points per level	1	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Electronic component	Green LED	Explosion-tested version	No
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	12400-134	Current size B (CSA)	10 A
Current size C (CSA)	10 A	Current size D (CSA)	10 A
Voltage size B (CSA)	30 V	Voltage size C (CSA)	30 V
Voltage size D (CSA)	30 V	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 mm²

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 ²	
		max.	4 mm ²	
		nominal	2.5 mm ²	
	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.	1.5 mm ²	
		max.	4 mm ²	
		nominal	2.5 mm ²	
	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 ²	
		max.	4 mm ²	
		nominal	2.5 mm ²	
	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 ²			
Clamping range, min.	0.13 mm ²			
Clamping screw	M 2.5			
Connection cross-section, stranded, max.	4 mm ²			
Connection cross-section, stranded, min.	1.5 mm ²			
Connection direction	on side			
Gauge to IEC 60947-1	A3			
Number of connections	4			
Stripping length	7 mm			
Tightening torque, max.	0.6 Nm			
Tightening torque, min.	0.4 Nm			
Torque level with DMS electric screw-driver	1			
Type of connection	Screw connection			
Type of connection 2	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 ²			

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Technical data

Wire connection cross section, finely stranded, min.	0.5 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
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Wire connection cross-section, solid core, max.	4 mm ²
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Wire connection cross-section, solid core, min.	0.5 mm ²
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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

Rated cross-section	2.5 mm ²	Rated voltage	30 V
Rated DC voltage	30 V	Rated current	24 A
Current at maximum wires	24 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	0.8 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	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		

Classifications

ETIM 6.0	EC000900	ETIM 7.0	EC000900
ETIM 8.0	EC000900	ETIM 9.0	EC000900
ETIM 10.0	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	ECLASS 12.0	27-14-11-28
ECLASS 13.0	27-25-01-12	ECLASS 14.0	27-25-01-12
ECLASS 15.0	27-25-01-12		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7cl
REACH SVHC	No SVHC above 0.1 wt%

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www.weidmueller.com**Technical data****Approvals**

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
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ROHS	Conform
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UL File Number Search	UL Website
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Certificate No. (UR)	E60693
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Downloads

Approval/Certificate/Document of Conformity	CE Declaration of Conformity UKCA declaration of conformity
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

