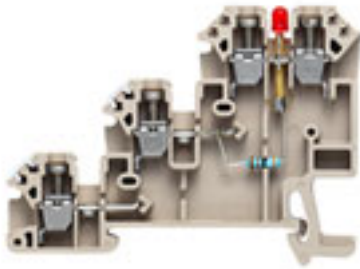


**W-Series  
DLI 2.5/LD-RT/NPN -+ DB**

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



The terminals of this series are used to supply the voltage to initiators in the field and for relaying signals. Besides the standard versions, there are also products available with LED status indicators (in various colours) as PNP and NPN versions.

**General ordering data**

Type	DLI 2.5/LD-RT/NPN -+ DB
Order No.	<a href="#">1783950000</a>
Version	W-Series, Initiator/actuator terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Screw connection, Direct mounting
GTIN (EAN)	4032248212590
Qty.	100 pc(s).

## W-Series DLI 2.5/LD-RT/NPN -+ 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

## Technische Daten

### Dimensions and weights

Length	66 mm	Width	6.1 mm
Height	48.5 mm	Height of lowest version	49 mm
Net weight	10.75 g		

### Temperatures

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

### Additional technical data

Electronic component	red LED	Explosion-tested version	No
Installation advice	Direct mounting	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on
Version	Screw connection, with LED, One end without connector		

### CSA ratings data

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

### 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	4	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, max. 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

## W-Series DLI 2.5/LD-RT/NPN -+ 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

## Technische Daten

### Rated data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	30 V
Rated impulse withstand voltage	0.8 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)	E60693	Voltage size B (UR)	30 V
Voltage size C (UR)	30 V	Voltage size D (UR)	30 V
Current size B (UR)	10 A	Current size C (UR)	10 A
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	4	Levels cross-connected internally	No
End cover plate required	Yes		

### Display element

Current	5 mA	Operating voltage for display, max.	30 V
Operating voltage for display, min.	5 V	Type of voltage for indicator	DC

### Fuse terminals

Current	5 mA	Type of voltage for indicator	DC
---------	------	-------------------------------	----

### 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		

### Approvals

Approvals



ROHS

Conform