



#### General ordering data

Order No.	1783980000
Part designation	DLI 2.5/LD-RT/PNP +- DB
Version	Initiator/actuator terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
EAN	4032248212613
Qty.	100 pc(s).

#### Product notes

Product description	Time- and space-saving wiring for initiators and actuators. All the connections for initiator and actuator are in one terminal.
Note, accessories	Insulation plate TSCH 1 order No. 0319160000 (100 pcs)

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

Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	1.5 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	1.5 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	1.5 mm <sup>2</sup>

#### Additional technical data

Colour of insulating material	dark beige
Connection direction	on side
Electronic component	red LED
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	3

#### Additional technical data

Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Feed-through terminal

#### CSA rating data

Voltage (CSA)	30 V
CSA current	10 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 12

#### Conductors for clamping (additional connection)

Type of connection	Screw connection
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	4
Stripping length	7 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.6 Nm
Torque level with DMS electric screwdriver	1
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	4 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	4 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm <sup>2</sup>
AWG conductor size, max.	3.31 mm <sup>2</sup>

#### Dimensions

Width	6.1 mm
Height of lowest version	49 mm
Length	66 mm
TS 35 offset	36.5 mm

## Dimensions

### Disconnect terminals

Torque level with DMS electric screwdriver 1

### Display element

Current 5 mA  
 Indicator element red  
 Operating voltage for display, max. 30 V  
 Operating voltage for display, min. 5 V  
 Switching state PNP  
 Type of voltage for indicator DC

### Fuse terminals

Current 5 mA  
 Type of voltage for indicator DC

### Rating data

Rated cross-section 2.5 mm<sup>2</sup>  
 Rated voltage 30 V  
 Rated impulse voltage 0.8 kV  
 Rated current 24 A  
 Standards IEC 60947-7-1  
 Current with max. conductor 24 A  
 Pollution severity 3

### UL rating data

Voltage (UL) 30 V  
 Current (UL) 10 A  
 Min. cross-section (UL) AWG 22  
 Max. cross-section (UL) AWG 12

### Approvals

Approvals institutes



### Classifications

ETIM 2.0 EC000900  
 ETIM 3.0 EC000900  
 eClass 4.1 27-14-11-28  
 eClass 5.0 27-14-11-28  
 eClass 5.1 27-14-11-28

### Similar products

Order No.	Part designation	Version
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1783820000	DLI 2.5 DB	Initiator/actuator terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1783970000	DLI 2.5/LD-GN/PNP +- DB	Initiator/actuator terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35