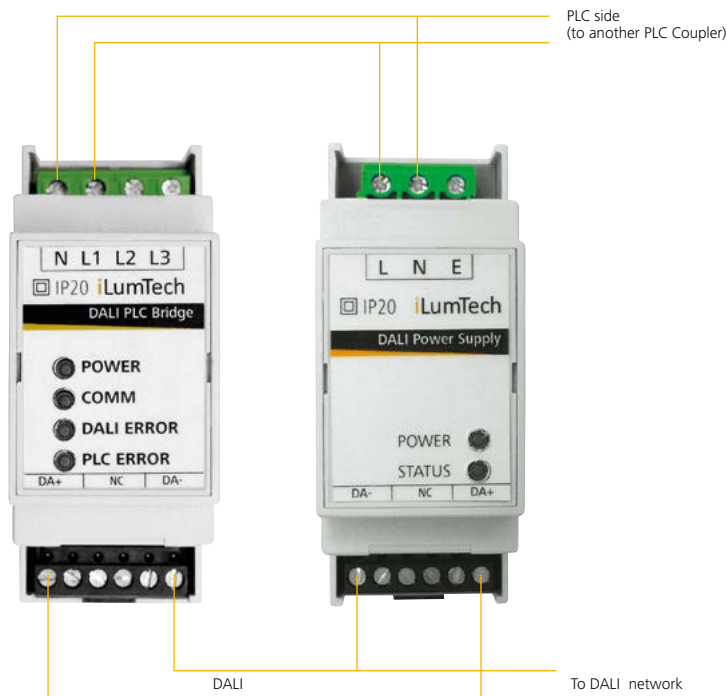




iLumTech DALI PLC Coupler belongs to the Connected Lighting product family. This powerful device is used for connecting two or more DALI networks over mains. It means that it couples DALI communication to the mains and vice versa. This eliminates usage of additional wires where communication is transmitting over mains. This is intended for usage in applications where two-wire cable for DALI communication is not presented and reconstruction is not planned or possible.

## DALI PLC

### Wiring diagram



### Key features

- Support of forward and backward DALI commands according to IEC 62 386-102
- DALI powered
- 3-phase support
- Communication error source detection
- Over-voltage protection

### Installation notes:

- Maximum of 64 DALI devices with unique address can be connected to single network
- Only one DALI power supply may be used

### Input parameters:

DALI: 12-25 V DC, input current < 20 mA  
PLC: 110 / 230 V AC

### Connections

DALI: 0.08-2.5 mm<sup>2</sup> (AWG 28-12)  
Mains: 0.5-4 mm<sup>2</sup> (AWG 20-10)

### Operating Conditions:

Ambient temp. range 0 °C - +40 °C  
Max. relative humidity 90% (non-condensing)  
Storage temp. range -40 °C - +70 °C

### Mechanical data

Housing: DIN rail enclosure  
Dimensions: 90 x 36 x 58 (mm)  
Weight: 74 g  
IP Rating: IP20

### 1 Year Warranty

The Company reserves the right to change any product specifications without prior notification.

### HEAD OFFICE

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