

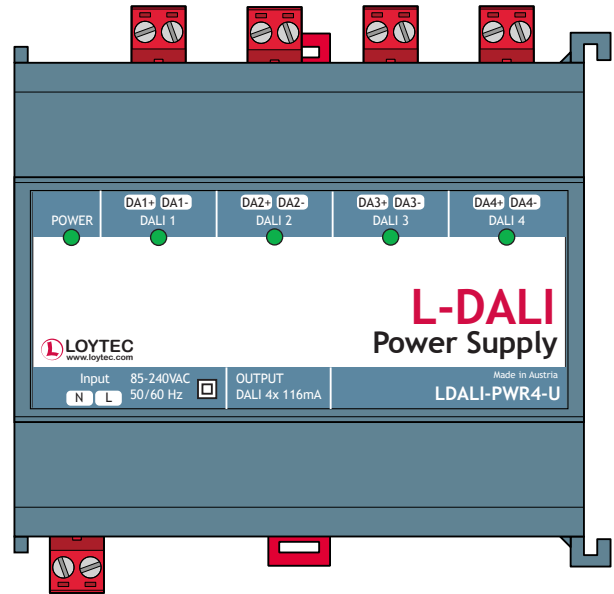
### Features

#### DALI-Power Supply

- Supply voltage:  
85-240 VAC, 50/60 Hz, current limited start up

#### DALI-Output

- LDALI-PWR2-U: 2 x 116 mA, 16 V
- LDALI-PWR4-U: 4 x 116 mA, 16 V
- Thermal shutdown in case of shorted wires
- Outputs ar short-circuit protected



### Description

DALI power supply with 116 mA output current for DALI balasts and DALI control modules.

You may connect up to two DALI outputs in parallel to support a 232 mA DALI line.

### Installation

DALI signals are not SELV (Safety Extra Low Voltage). Therefore, the same standards should be applied as when working with power line voltage.

Individual DALI circuits must not exceed 116 mA, or 232 mA if two DALI outputs are working parallel.

The maximum cable length of the DALI signal wires (@ 1.5 mm<sup>2</sup> cross section) must not exceed 300 meters or drop more than 2 V on the signal line voltage.

### Mains

The supply voltage is 85-240 VAC 50 Hz with a current limited start up.

### DALI Outputs

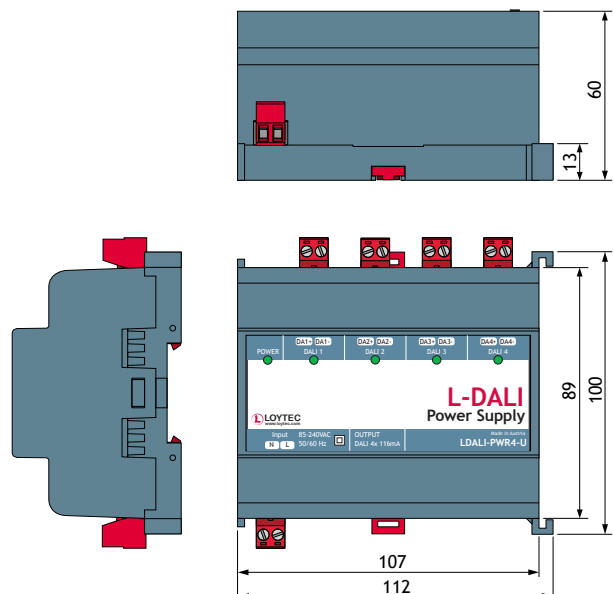
The DALI outputs of 16 V (11 V - 20.5 V) and 116 mA have basic isolation to the mains.

The outputs are short-circuit-proof and in case of thermal overload they are switching off.

In case of thermal overload the DALI control lamp turns off.

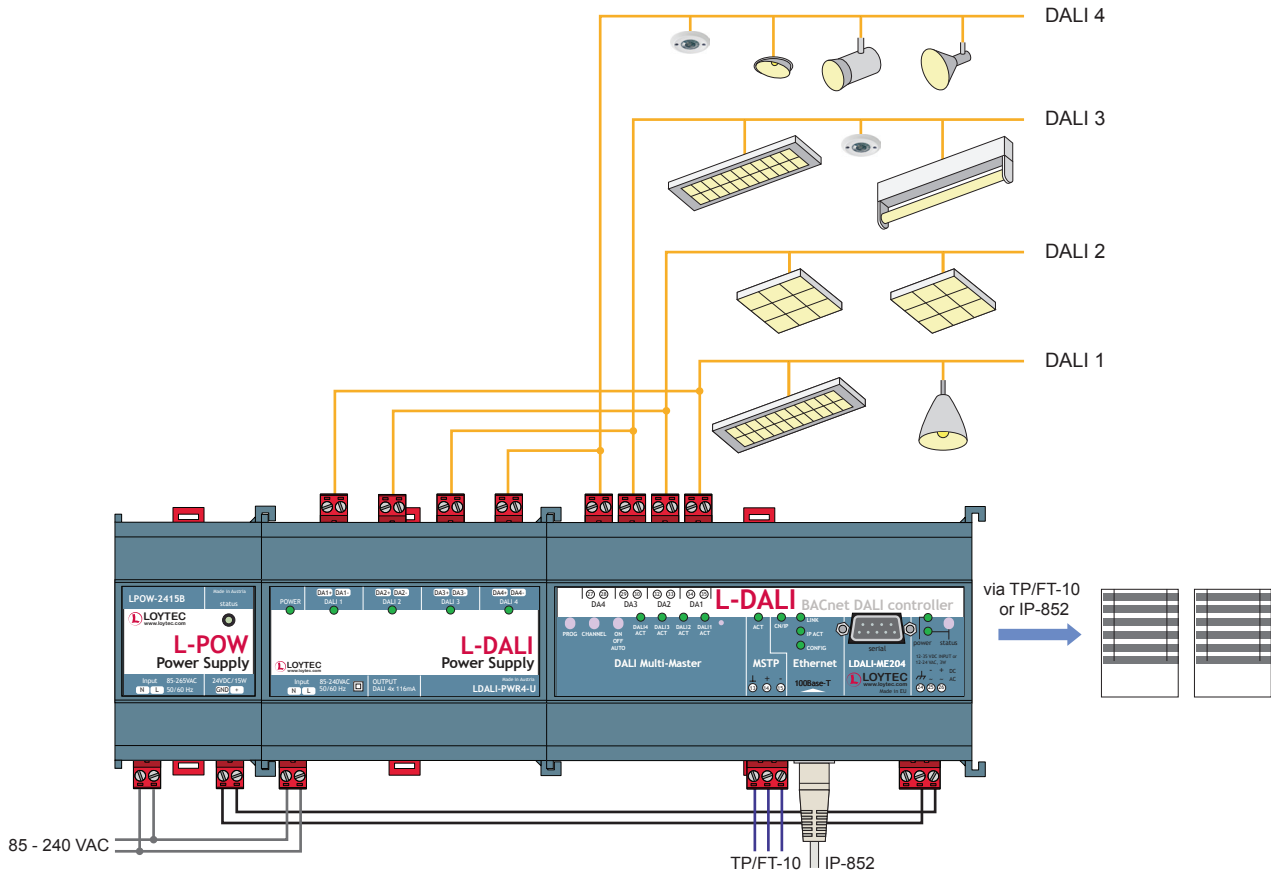
Two DALI outputs can be connected in parallel to support a maximum current of 232 mA.

### Dimensions (mm)



### Application Example

LDALI-3E104 CEA-709 DALI Controller with LDALI-PWR4-U Power Supply and LPOW-2415B Power Supply



Specification	
Dimensions (mm)	107 x 100 x 60 (L x W x H)
Power supply	85-240 VAC, 50/60 Hz, current limited start up
DALI output	4 x 16 VDC (11 V to 20.5 V), 116 mA, short-circuit-proof, basic isolation (not SELV) to the power line

Order Number	Configuration
LDALI-PWR2-U	DALI Power Supply, 85-240 V, 50/60 Hz, Output: 2 x 16 VDC, 116 mA (DALI Bus)
LDALI-PWR4-U	DALI Power Supply, 85-240 V, 50/60 Hz, Output: 4 x 16 VDC, 116 mA (DALI Bus)
LDALI-3E101	CEA-709 DALI Controller with 1 DALI channels
LDALI-3E102	CEA-709 DALI Controller mit 2 DALI channels
LDALI-3E104	CEA-709 DALI Controller mit 4 DALI channels
LDALI-ME204	BACnet DALI Controller mit 4 DALI channels
LPOW-2415B	Power supply with external power connector 24 VDC, 15 W

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