



## BLC 200

### Mymesh Building Light Control

The Mymesh BLC200 is a product in the Mymesh Building Light Control product suite for wireless lighting control. The BLC200 is a wireless light controller for DALI and 1..10V drivers. A relay is available to control the power to the driver and lighting fixture.

### Safety⚠

- Installation should be performed only by a qualified electrician.
- Disconnect power at the source before installation, inspection or removal.
- Do not use the BLC200 if it is damaged.
- The electrical installation must be in conformance with the national legislation and relevant standards.
- The mains connection of the BLC200 must be provided with a fuse or circuit breaker.
- The BLC200 has protection class IP20 and is suitable for use at indoor locations. Mount the BLC200 in an IP66 housing for use at outdoor locations.

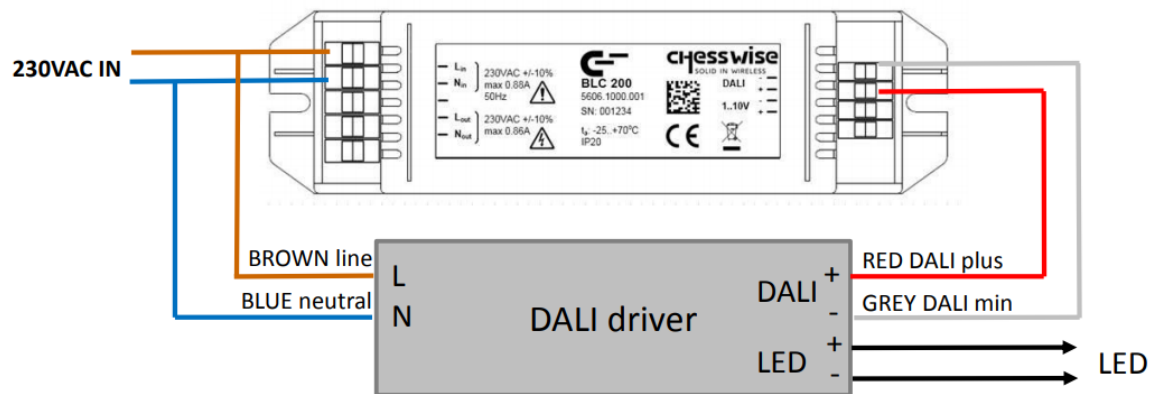
### Application

- Refer to the BLC200 product sheet (see [chess-wise.eu/downloads](http://chess-wise.eu/downloads)) for the maximum ratings of the relay and the environmental conditions.

### Installation

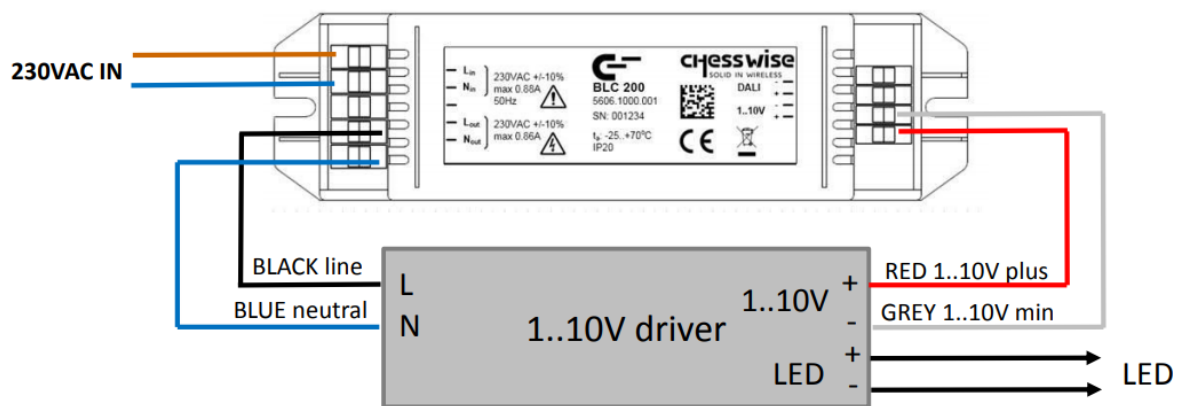
- Mount the BLC200 with 2x M4 screw/bolt (140mm distance).
- Use maximal 1.5 mm<sup>2</sup> wiring for all connections. Push the wires completely into the terminal block. Use wire end sleeves when using flexible wires.
- De BLC200 can be wired in three configurations: DALI driver, 1..10V driver or a 230V load. See wiring diagrams below.
- Use either 1..10V or DALI, not both.
- Do not connect more than one DALI driver to a BLC200.

### BLC200 + DALI driver



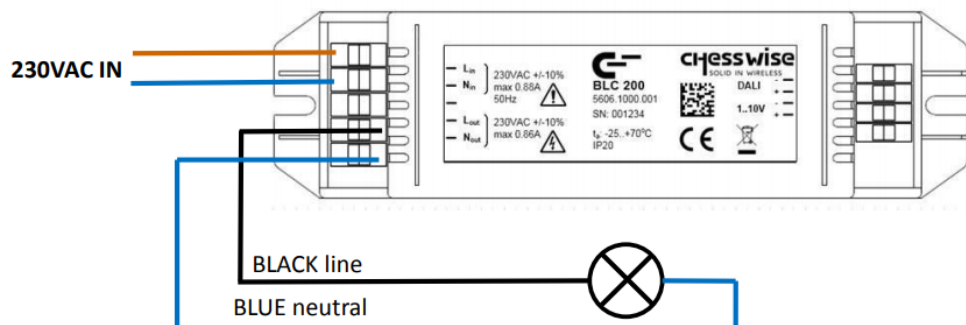
Connect the power input of a DALI driver directly to the 230V mains.

### BLC200 + 1...10V driver



Connect the power input of a 1...10V driver to the switched 230V of the BLC200

### BLC200 + 230V load



Connect the 230V load to the switched 230V output of the BLC200

## Configuration

When the BLC200 is powered, the connected lamp should go on. Use the iPad Mymesh commission app for configuration of the BLC200.

## Usage

The BLC200 will control the connected driver and lamp.

## Compliance

This product complies with the European directives and relevant standards for low voltage, EMC, RED, REACH and RoHS. The BLC200 contains a radio. The applied radio frequency is within the ISM band 2400 – 2483.5 MHz (default 2403 MHz) and the maximum transmit power is +4 dBm. Hereby,

Chess Wise declares that the radio equipment type BLC200 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at [chess-wise.eu/downloads](http://chess-wise.eu/downloads).

## Repair

Do not open this product. In case of failure the BLC200 must be replaced.

## Recycling

Do not dispose this product as household waste, but bring it to an appropriate collection point for recycling.