

# LED Multiway Dimmer

## Item nr. EU-MP4






The EU-MP1 is a multiway dimmer switch that allows you to control lamps from multiple locations. The trailing edge dimming technique ensure the wide compatible with lamps and more stable. With only two wire connection, this dimmer switch is suitable for retrofit house.

You may need to refer to these instructions if you change your lights to a different type at a later date so please keep them for reference.

### 1. Features

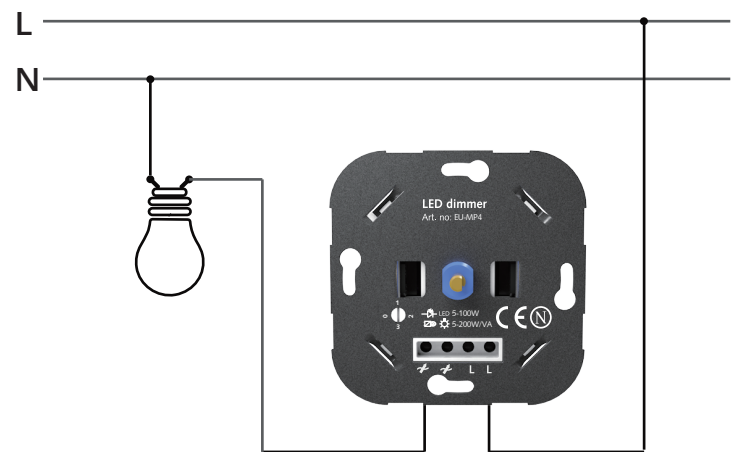
- ✓ Suitable for one-way and multi-way dimming.
- ✓ Multi-dim technology achieve multi-way dimming/switching with no extra wires.
- ✓ Multiple dimmers can control the same set of lights, but each dimmer works independently and does not interfere with each other.
- ✓ Suitable for both retrofit and new installations.
- ✓ Advanced minimum brightness setting with logic switch.
- ✓ Self adaption at the maximum brightness to ensure no flickering appears.
- ✓ Live connection only --no neutral required.
- ✓ No separate switch required- built in on/off switch.
- ✓ Dim to off with majority LED light fittings.

### 2. Datasheet

|  |               |
|--|---------------|
| Operating Voltage  | 220-240 V ~   |
| Frequency  | 50 Hz         |
| Maximum Load   | 100W          |
| Minimum Load   | 5 W           |
| Dimming Mode   | Trailing Edge |
| Control Method   | Multi-way     |
|  Dimmable LED lamps | 5-100VA       |
|  Halogen            | 5-200W        |
|  Incandescent       | 5-200W        |

### 3. Wiring

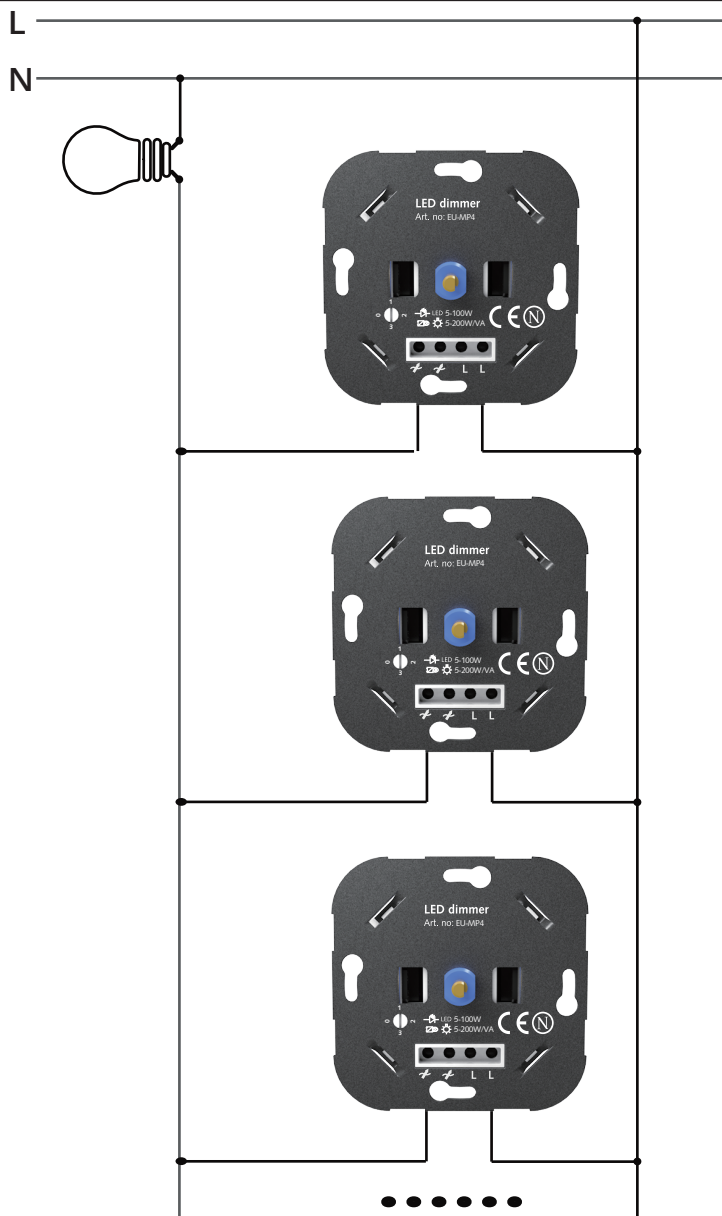
- 1.Disconnect power to the relevant circuit at the main switchboard.
2. Remove existing switch from wall.
3. Connect the dimmer in accordance with the wiring diagrams shown below.
4. Refit switch plate to wall.
5. Reconnect power.
6. Turn switch on and check dimmer operation by turning control knob through full range.



One-way dimming and switching wiring

Patent Pending

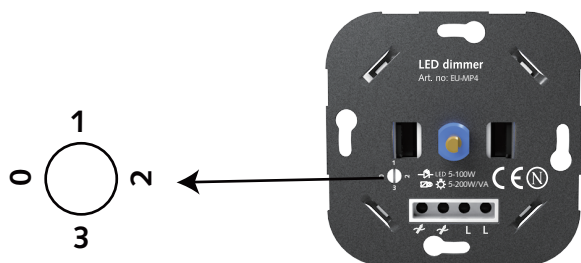




Multi-way dimming and switching wiring

#### 4. Minimum Brightness Setting

The minimum brightness is selected by a dip switch, which is convenient for the user to accurately control the brightness level of the lamp.



- 0 → 0%
- 1 → 5%
- 2 → 10%
- 3 → 15%

#### 5. Declaration of conformity

EMC Standard (EMC)

EN 60669-2-1:2004+A1:2009+A12:2010 (Clause 26)

EN55015:2013+A1:2015

EN 61000-3-2:2014

EN 61000-3-3:2013

EN61547:2009

EN62493:2015

Safety Standard (LVD)

EN 60669-2-1:2004 + A1:2009 + A12:2010

EN 60669-1:2018

RoHS Standard (RoHS)

Directive (EU) 2015/863 amending  
2011/65/EU

#### DECLARATION OF CONFORMITY

We hereby certify that the device satisfies the provisions for CE/Nemko markings in accordance with the EU directives

(LV Directive 2014/35/EU, EMC Directive 2014/30/EU, RoHS Directive (EU) 2015/863 amending 2011/65/EU) as described in this manual.