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CTM LYNG

MDimLed Micro

Universal LED-dimmer 3-250W

El.nr.: 1403888

DIMMER

Branch Products

by Professionals

for Professionals

Only available from wholesalers!

Facts

The MDimLed Micro dims most dimmable types of light/lamp, from the lowest to the highest level.

The dimmer is connected without neutral (2-wire). It has screwless terminals for fast, simple installation.

A rotary switch on the dimmer is adjusted to the lowest light level without flicker, and is used for selecting trailing/leading-edge dimming. Trailing edge is set at the factory.

The dimmer is operated with an external push switch (not included).

Operation

An external push switch is used.
Can be used with all types of push switch for mains voltage.

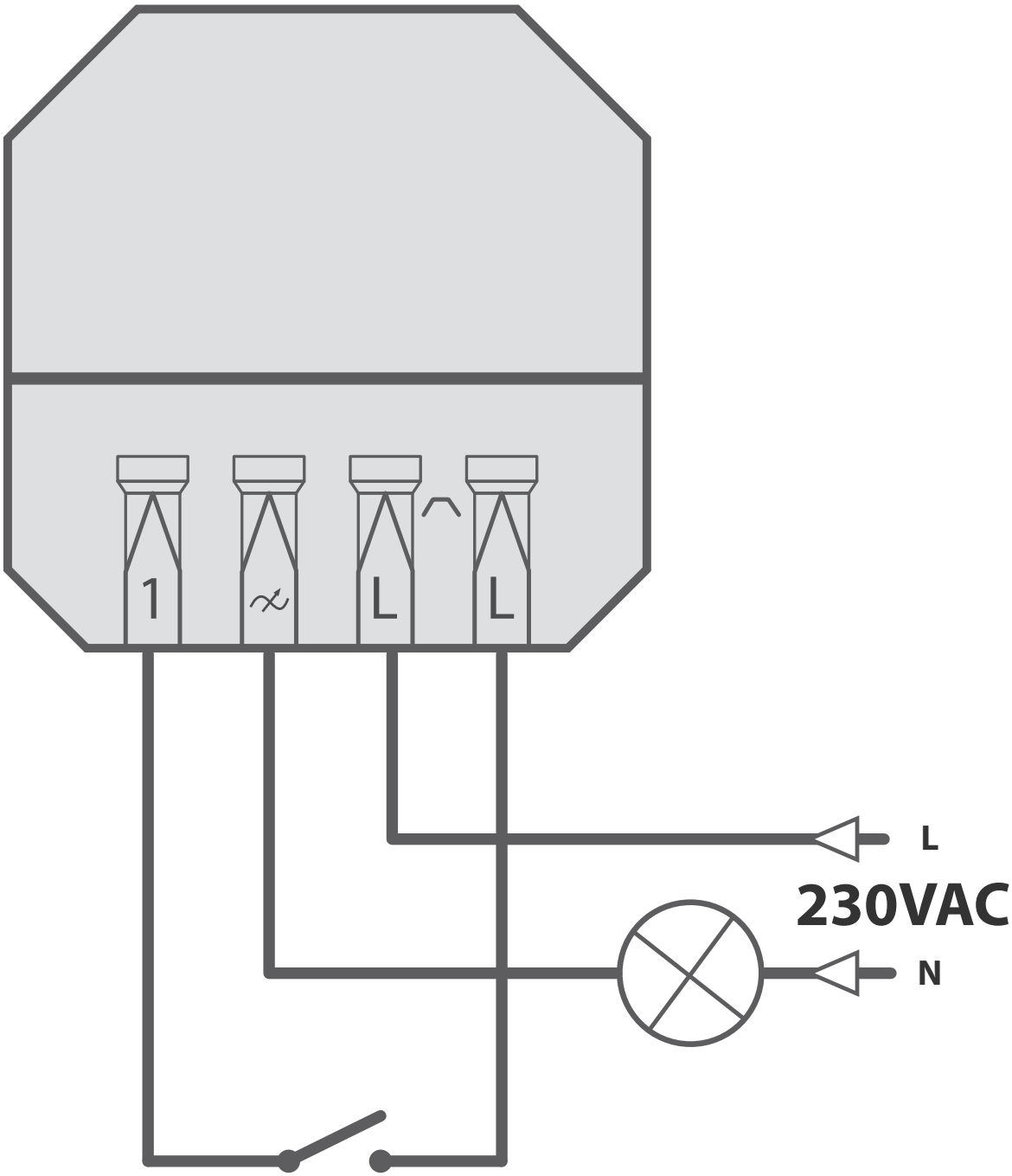
Off/on:
Short press on push switch.

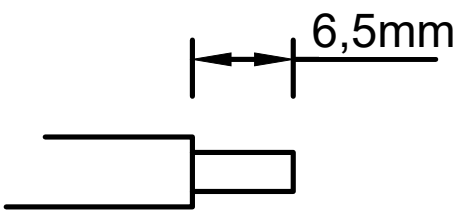
Dim:
Hold push switch in, fades alternately up and down.

Dimming from off position:
If the dimmer is turned off, the push switch may be held in. The light will always fade from low to high in this mode.

The dimmer remembers the last level in the event of a power cut.

Wiring diagram





0,5-2,5 mm2
(PN, PR og RK)

L-clamp should not be used to redirect

Overview

Rotary switch (screwdriver max 3.2 mm)
0-E Max-/Min adjustment
F Choose trailing/leading-edge dimming with SW1

LED
Flashes in case of short circuit or over-temperature

When rotary switch is at F
- switch with SW1:

1 flash/sec = Trailing edge dimming
2 flashes/sec = Leading edge dimming

Press switch "SW1"
Used when rotary switch is at **F**

Hold for max adjustment with rotary switch

Settings

Use max 3.2 mm screwdriver on the rotary switch.

Minimum adjustment
Choose between settings 0-E. Adjust until the light source is shining brightly and without flicker at the minimum level.

Maximum adjustment
If the light flickers at maximum, the max level can be adjusted. Hold SW1 and turn the rotary switch between E - 0 until the flicker disappears.

Trailing/leading-edge dimming
Setting F on rotary switch. Select between trailing edge and leading edge dimming. Trailing edge is set at the factory.

Turn the rotary switch to position F.
Select with short press on press switch.
Green LED shows which setting has been chosen.

1 flash per second = Trailing edge dimming
2 flashes per second = Leading edge dimming

Other

Error codes
If the dimmer suddenly goes out, one reason could be overtemperature or short-circuiting of the load. The dimmer will indicate this by flashing of the green LED.

Phase designations
Reverse phase cut:
Trailing edge dimming, GLE

Phase cut:
Leading edge dimming, phase cut, GLI

Problems with the load
If you have problems turning off the load or if it just flickers or blink, this is due to a mismatch between the load size and the technology used to solve the dimming with only one phase.

We recommend three possible measures as a solution to this:

- Put on a small base load.
- Attach more lamps.
- Switch to a dimmer that has both phases in, so you get a proper load shut off.

0418 Art. No.: 11800

Technical data

Universal LED dimmer
MDimLed Micro

Voltage:
230 VAC +10/-20%
50 Hz

Physical dimensions:
40x40x15 mm

Load (min/max):
3-250 W (ohmic)

Connection:
No neutral (2-wire)

Terminals:
0.5-2.5 mm2
(PN, PR and RK)

Operation:
Push switch

Protection:
Electronic over-temperature protection 75°C
Mechanical over-temperature protection 145°C

5 YEARS - GUARANTEED QUALITY - 5

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