

Universal dimmer insert



Version

Art. no.

MTN5171-0000

For ohmic, inductive or capacitive loads, e.g. incandescent lamps, dimmable LED lamps, dimmable wound transformers or dimmable electronic transformers.

(Leading edge phase or trailing edge phase).

The universal dimmer automatically recognises the connected load. Do not connect any mixed loads.

With screw terminals.

With claw and screw fixing.

Functions:

- Switching and dimming of one output.
- The module determines how the function of the insert is used.
- External triggering via one PlusLink input.
- Overload and short-circuit-proof.
- Soft start.
- Memory function.

Nominal voltage: AC 220/230 V, 50/60 Hz

Wire range: max. 2x2.5 mm²

Protection: 16 A circuit breaker

Neutral conductor: not required

Switching capacity with push-button module Basic and Comfort: LED lamps: 7-210 W (trailing edge phase)

7-50 W (leading edge phase)

Incandescent lamps: 10-420 W

Halogen lamps: 10-420 W (230 V)

30-420 VA (LV with dimmable wound transformer)

10-420 VA (LV with dimmable electronic transformer)

Switching capacity with push-button module Comfort Plus, Wiser push-button module, time switch, Argus:

LED lamps: 14-210 W (trailing edge phase)

14-50 W (leading edge phase), RL-LED mode can only be set via Wiser Room App and from dimmer insert version 0B.

Incandescent lamps: 20-420 W

Halogen lamps: 20-420 W (230 V)

40-420 VA (LV with dimmable wound transformer)

20-420 VA (LV with dimmable electronic transformer)

To be completed with: Push-button module Basic, 1-gang System Design MTN5110-60..

Push-button module Basic, 2-gang System Design MTN5120-60..

Push-button module Comfort, 1-gang System Design MTN5111-60..

Push-button module Comfort, 2-gang System Design MTN5121-60..

Wiser push-button module, 1-gang System Design MTN5113-60..

Wiser push-button module, 2-gang System Design MTN5123-60..

ARGUS 180 flush-mounted sensor module System Design MTN5710-60..

ARGUS 180 flush-mounted sensor module with switch System Design MTN5711-60..

Display timer module System Design MTN5755-60..

Accessories: PlusLink distributor (3 cycles) MTN5130-0001

PlusLink Expander CCTDT5130

With mechanical push-buttons.

Transmitter: Side controller Plus, 1-gang System Design MTN5119-60..

Side controller Plus, 2-gang System Design MTN5129-60..

Central unit insert MTN5190-0000

Note: Information about the "Dimming LED lamps" can be obtained on the Internet at "Schneider-Electric dimmer test". <http://schneider-electric.dimmer-test.com>

All controlling functions are included in the module. An insert without a module connected to it has no function.

The new minimum switching capacities < 50 VA are only available from device version 0B.