

# Modular dimmer for switching and dimming of electronic control gear

05-711

4 year warranty

This modular dimmer is used for switching and regulating dimmable, electronic control gear (ECG) for fluorescent, compact fluorescent or dimmable LED lighting. The device is controlled with a push button, a 0 – 10 V control or directly on the device. The dimmer can be used with or without the memory function. The dimmer is equipped with a supplementary memory for saving 1 atmosphere. In addition, this dimmer also has a panic function; as long as this function is activated, the lighting is set to its maximum. LEDs indicate operation status and error diagnoses.

## Technical data

Modular dimmer for switching and dimming of electronic control gear.

- Function: The modular dimmer is suitable for switching and controlling dimmable electronic control gear for fluorescent lighting, compact fluorescent lighting or dimmable LED lighting. The device has an analogue 1-10 V current output and a switching capacity of 6 A that is used to switch the electronic control gear (ECG). The analogue control can switch a fluorescent load with a compensation up to a maximum of 140 $\mu$ F and can control it up to a maximum of 50 mA. You can choose from 3 control modes: 0-10 V analogue control, 1-button control or 2-button control. The push button controls can be used with or without memory. The analogue control has a panic function. With it, the load can be sent out maximally with a panic key (push button/switch) as long as the function is activated, independent of the condition of the load at that time. Depending on the mode of operation chosen, an atmosphere mode is available. Adjustment range depends on the connected electronic control gear and the manufacturer.
- Wire capacity
  - 2 x 1.5 mm<sup>2</sup> or 1 x 2.5 mm<sup>2</sup> per connection terminal
- Input voltage: 230 Vac  $\pm$  10 %, 50 Hz
- Maximum MCB rating: 6 A (limited by national installation rules)
- Connection terminals: 4 connection terminals on top and 9 connection terminals underneath
- DIN dimensions: DIN 4TE
- Dimensions (HxWxD): 90 x 71.5 x 66 mm
- Marking: CE



**Niko**

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## Wiring diagram

