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## SCO-802

Lighting dimmer with  
„memory” of light  
intensity settings



**Do not dispose of this device in the trash along with other waste!**

According to the Law on Waste, electro coming from households free of charge and can give any amount to up to that end point of collection, as well as to store the occasion of the purchase of new equipment (in accordance with the principle of old-for-new, regardless of brand). Electro thrown in the trash or abandoned in nature, pose a threat to the environment and human health.



### Purpose

The SCO-802 lighting dimmer is used for switching on and off incandescent and halogen lighting with the ability to adjust intensity using any momentary (bell) switch.

### Functioning

The lighting is switched on after a current pulse caused by pressing the momentary (bell) button connected to the dimmer. The lighting will be switched off after the next pulse. Lighting can be controlled with multiple buttons connected in parallel and placed at different points in the room. By holding the button down for more than 1 second, you can set the desired illumination intensity in one direction from the current setting to the maximum or minimum. The direction of change (brightening or dimming) is forced by the dimmer and always changes to the opposite after each setting.

Dimmer stores settings in the built-in memory. After each switching on, the lighting returns to previously set brightness. Soft start feature - holding the button for longer than 1 s while switching on the lighting causes it to light-up smoothly from „zero” maximum (**DARKER** -> **BRIGHTER**). The dimmer has a built-in thermal protection. If the system overheats, the dimmer signals this situation by blinking the controlled lamp 3 times and then switches off. Once the temperature falls below the critical level, the dimmer can be switched back on.

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## Mounting

1. Turn off the power supply.
  2. Place the dimmer in the flush-mounted box.
  3. Connect the power supply to terminal 6.
  4. Connect a pushbutton or a group of parallel connected pushbuttons in series between the phase (terminals 1 and 6).
  5. Connect the load to the output terminals (terminals 2, 3, 4, 5).
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All output terminals form one common load point. If separate lamp circuits are connected, the total power must not exceed the permissible ( $\Sigma < 300 \text{ W}$ ).

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SCO-802 can work with backlit buttons.

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If the system overheats frequently, the load (number of receivers or their power) should be reduced or better ventilation provided.

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SCO-802 can be used for halogen lamps, also powered by a transformer or electronic power supply adapted to work with dimmers.

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With some electronic power supplies, dimmers may work incorrectly (causing, for example, flickering of the lighting). Some types of the dimmers require halogen lamps with a total power of at least 50% of the rated power of the power supply.

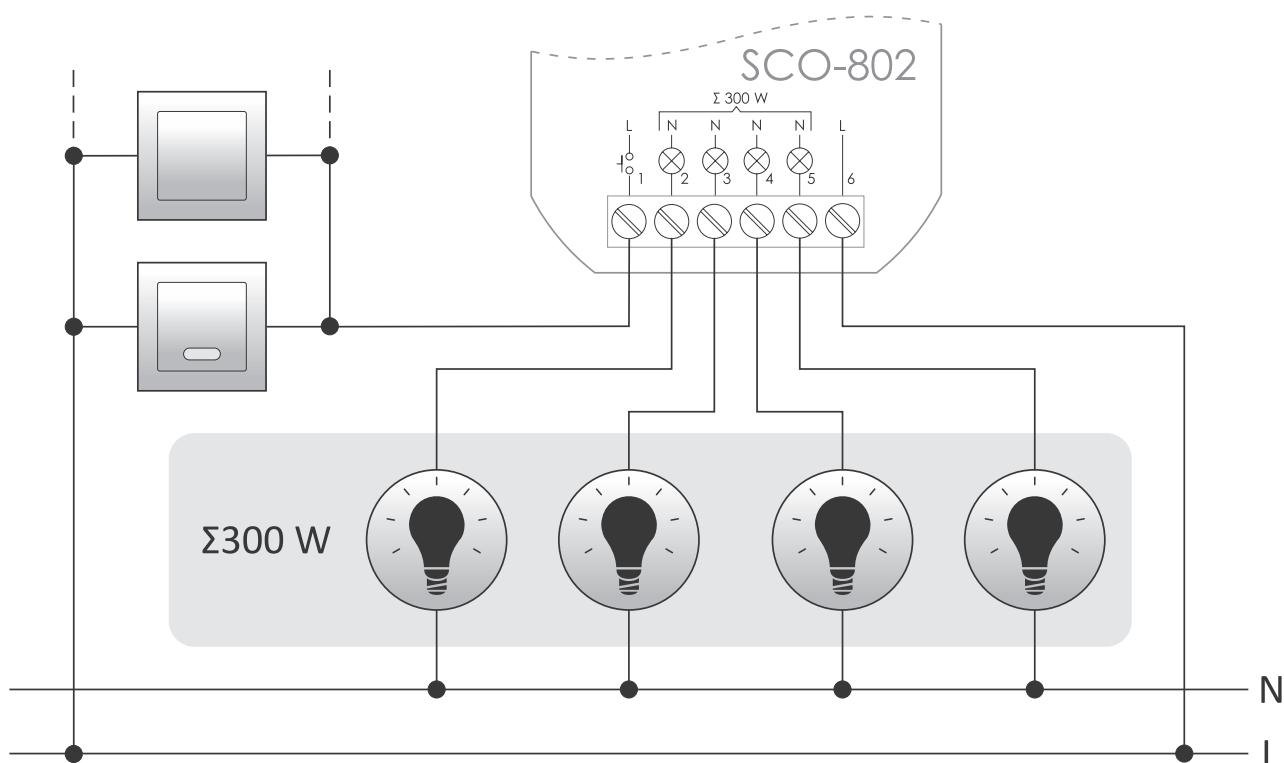
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**It is recommended to carry out tests before final installation.**

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## Wiring diagram



- 1 control
- 2-5 output terminals
- 6 L power supply

## Technical data

power supply	195÷265 V AC
maximum load current (AC-1)	1.3 A
maximum power connected light bulbs	300 W
voltage pulse	<1 s
power consumption	0.1 W
terminal	2.5 mm <sup>2</sup> screw terminals
tightening torque	0.4 Nm
working temperature	-25÷50°C
dimensions	ø54 (48×43 mm), h= 20 mm
mounting	in flush mounted box ø60
ingress protection	IP20

## Warranty

The F&F products are covered by a warranty of the 24 months from the date of purchase. Effective only with proof of purchase. Contact your dealer or directly with us.

## CE declaration

F&F Filipowski L.P. declares that the device is in conformity with the essential requirements of The Low Voltage Directive (LVD) 2014/35/EU and the Electromagnetic Compatibility (EMC) Directive 2014/30/UE.

The CE Declaration of Conformity, along with the references to the standards in relation to which conformity is declared, can be found at [www.fif.com.pl](http://www.fif.com.pl) on the product page.

