



F&F Filipowski sp. j.  
Konstantynowska 79/81, 95-200 Pabianice, POLAND  
phone/fax (+48 42) 215 23 83 / (+48 42) 227 09 71  
www.fif.com.pl; e-mail: biuro@fif.com.pl

## SCO-811

Light dimmer without a  
function of light intensity  
setting "storage" allowed



**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 light dimmer is used for switching on and off incandescent and halogen lamps and offers the option of light intensity adjustment by means of any impulse switch (buzzer).

### 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 maximum or minimum. The direction of change (brightening or dimming) is forced by the dimmer and always changes to the opposite after each setting.

The dimmer has not a settings memory. After every switching on the lightning returns to the full brightness.



The dimmer has a thermal protection. In case of overheating of the system, the dimmer indicates this condition with three times flashes of a controlled and then shuts itself down. If the temperature drops below critical, the dimmer can be switched on again.

---

## Mounting

1. Take OFF the power.
2. Put on the dimmer on the rail in switchgear box.
3. Connect the power cables: N-wire to terminal 1; L-wire to terminal 3.
4. Connect a button or group of buttons connected in parallel in series between terminals 10 and 12.
5. Connect the controlled lighting to terminal 6 and to the N wire.



The load on the dimmer's output cannot exceed the limit value of 350 W.

---



SCO-811 can work with backlit buttons.

---



In the case of frequent overheating of the system, reduce the load (the number of receivers or their power) or ensure better ventilation.

---



SCO-811 can be used for halogen lamps, also those powered by a transformer or electronic power supply designed to work with dimmers.

---



In some cases, the dimmer and the light source may not work properly (for example the light may flicker). This often occurs with a small load on the dimmer and the solution is usually to increase the load by, for example, attaching additional bulbs.

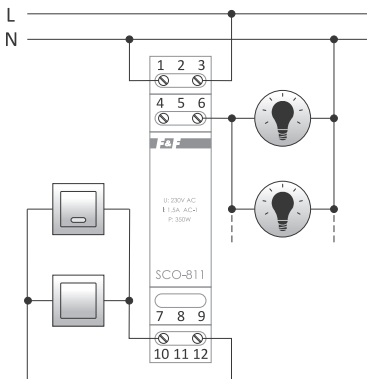
---



**Testing is recommended before final installation.**

---

## Wiring diagram



- 1 N power supply
- 3 L power supply
- 6 dimmable output to the controlled circuit
- 10-12 signal inputs for closing contacts

## Technical data

power supply	195÷265 V AC
maximum load current (AC-1)	1.5 A
maximum power of connected light bulbs	350 W
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	1 module (18 mm)
mounting	on TH-35 rail
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 sp. j. 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.

**«F&F»<sup>®</sup>**