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SCO-814

Light dimmer with 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 SCO-814 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. By holding the button down for more than 1 second, you can set the desired illumination intensity (smooth pulsation of lighting in the loop BRIGHTER => DARKER => BRIGHTER). Re-turning on the lighting will leave brightness at the level before switching off, the so-called "memory function". The state memory is maintained until the power is turned off dimmer.



Lighting can be controlled by a number of buttons connected in parallel, located at different points in the room.

Mounting

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



SCO-814 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-814 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.

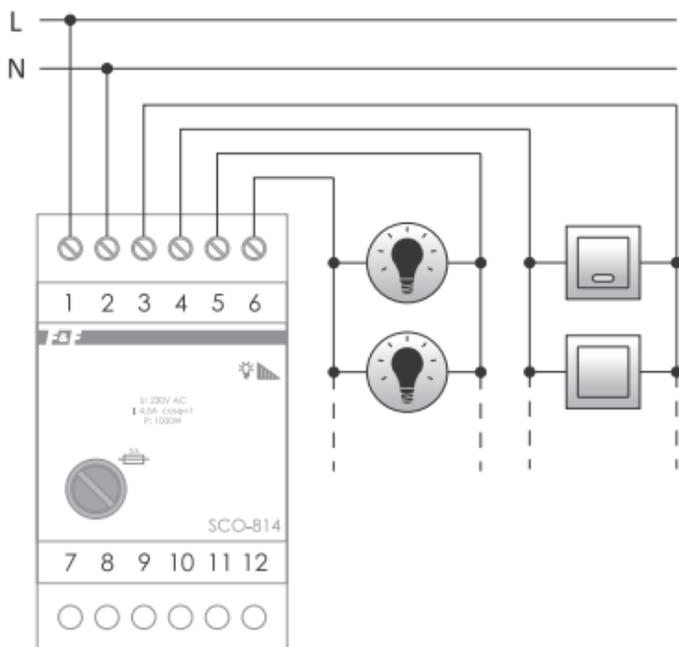


The load on the dimmer's output cannot exceed the limit value of 1000 W.



Testing is recommended before final installation.

Wiring diagram



- 1 L power supply
- 2 N power supply
- 3-4 signal inputs for closing contacts
- 5-6 dimmable output to the controlled circuit

Technical data

power supply	195÷265 V AC
maximum load current (AC-1)	4.5 A
maximum power of connected light bulbs	1000 W
overload protection	electronic fuse and fuse link 6.3 A
power consumption	0.3 W
terminal	2.5 mm ² screw terminals (cord) 4.0 mm ² screw terminals (wire)
tightening torque	0.5 Nm
working temperature	-25÷50°C
dimensions	3 modules (52.5 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 on the product page.