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SCO-803

LIGHTING DIMMERS LED 12V

with “storage”of light intensity settings enabled

F&F products are covered by an 24 months warranty from date of purchase

FUNCTIONING

Lighting is switching on by a current pulse sent after pressing an impulse switch (buzzer) connected to a dimmer. Another pulse switches the lighting off.
Holding on tke button> 1 sec. allows you to set the desired light intensity. Change in intensity takes place until you release the button, or to reach the limit. Another change of intensity occurs after holding the button again. Modulation occurs in the same direction (lighter or dimming) as before. After reaching the maximum or minimum intensity modulation direction is changed only after you release and hold the button again.
After the illumination is switched back to pre-set brightness.
Lighting can be controlled by a number of buttons arranged in parallel at different points in space.
***"SOFT START"** - hold on the button> 1 sec. during switch on lights to make it smooth illumination from the "zero" (dimmer->lighter).*

PURPOSE

The lighting dimmer is used for switching on and off strip LED 12V lamps and offers the option of light intensity adjustment by means of any impulse switch (buzzer).

TECHNICAL DATA

supply	*12V DC*
maximum power of connected LED	*<36W*
current pulse duration	*<1sec*
power consumption	*0,1W*
working temperature	*-25÷50°C*
connection	*6×LY 0,75mm, l=10cm*
dimensions	*Ø55, h=13mm*
fixing	*to under plaster box Ø60*

ATTENTION!

SCO-803 can be used to control the 12V LED strips. If you use the dimmer to control the 12V LED lamps (eg E27 or other) by type of used LEDs can change the performance characteristics (brightness modulation) of dimmer.
Before final assembly, you can run the tests.

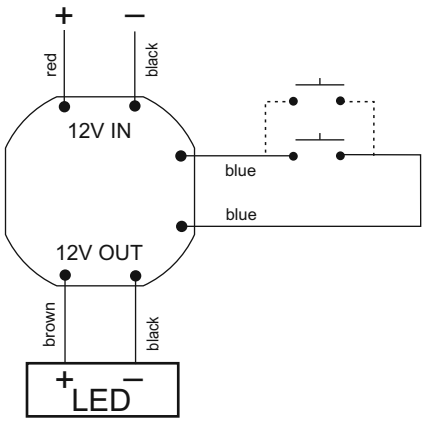
ATTENTION!

SCO-803 is not compatible with bell pushes equipped with fluorescent lamps.

ASSEMBLY

1. Take OFF the power.
2. Put on the dimmer in to under plaster box.
3. Power supply from 12V DC connect to IN 12V of dimmer;
"+" - brown cable, "-" - black cable.
4. Output 12V of dimmer connect to LED:
"+" - red cable, "-" - black cable.
5. Control buttons connect in parallel to blue cables.

WIRING DIAGRAM



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