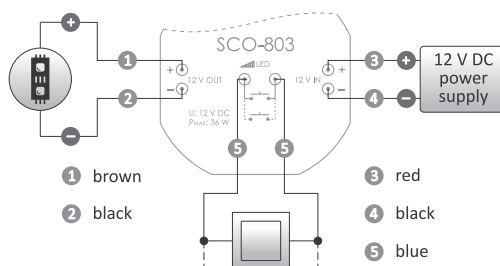## For 12 V LED lighting

With "memory" of light intensity settings

Operation

After each switching on, the lighting returns to previously set brightness.
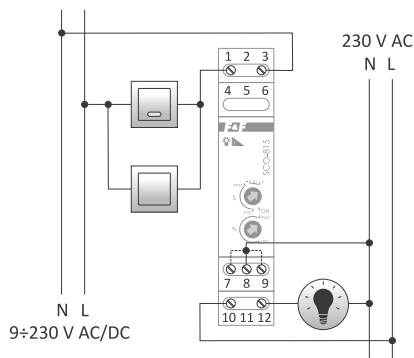
SCO-803   36W   for ø60 flush-mounted box

1 brown
2 black

3 red
4 black
5 blue

power supply	11÷14 V DC
maximum load current	3 A
maximum power connected light bulbs	36 W
power consumption	0.1 W
terminal	6×LY 0.75 mm², l= 10 cm
working temperature	-25÷50°C
dimensions	Ø55, h= 13 mm
installation	in flush mounted box Ø60
protection level	IP20

For incandescent and halogen lamps as well as LED and compact fluorescent lamps with dimming capability

SCO-815   up to 500W

power supply	195÷265 V AC
maximum load current	2 A
maximum power connected light bulbs	
(R)	500 W
(L)	500 W
(C)	500 W
(ESL)	100 W
(LED)	100 W
power supply	9÷230 V AC/DC
power consumption	0.1 W
terminal	2.5 mm² screw terminals
tightening torque	0.4 Nm
working temperature	-25÷50°C
dimensions	1 module (18 mm)
installation	for TH-35 rail
protection level	IP20

Purpose

The universal lighting dimmer that allows you to adjust the brightness of the lighting of the following light sources:
• Standard incandescent and halogen lamps (resistive load R);
• Lamps powered by a toroidal transformer (inductive load L);
• Lamps powered by an electronic transformer (capacitive load C);
• Energy-saving compact fluorescent lamps (ESL) with dimming function;
• LED lamps (230 V) with the dimming function.

Operation

The lighting is switched on after pressing the momentary (bell) button connected to the dimmer. The lighting can be controlled with multiple buttons connected in parallel and placed at different points in the room. The next press of a button will switch off the lighting. Press and hold the button for more than 1 second to set the desired light intensity.

Functions

• Automatic detection of the nature of the R+L and R+C load. The use of ESL and LED lamps require manual adjustment of the load characteristic using the knob on the front of the dimmer.
• Set the speed of the brightness adjustment;
• "Memory" function of lighting intensity settings - after each switching on, the lighting returns to the previously set brightness;
• "Soft start" feature - holding the button for >1 second while switching on the lighting causes its smooth illumination from "zero" (darker => brighter);
• Setting the minimum light level of the controlled lamp (particularly important for ESL lamps, which require a minimum starting and back-up current);
• ON mode - switching lighting on to maximum brightness without the ability to dim it;
• Control input is galvanically isolated from the mains with a wide range of input voltage 9÷230 V AC/DC;
• Smooth lighting and dimming to extend the life of the controlled lamp.