

**GROUP STAIRCASE
 LIGHTING TIMER**

**AS-225
 24V**

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. More information how to make a compliant can be found on the website:
www.fif.com.pl/reklamacie



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 AS-225 staircase lighting timer is a controller dedicated to the construction of a multi-point cascade stair lighting control system, in which the effect of light moving along the stairs can be achieved.

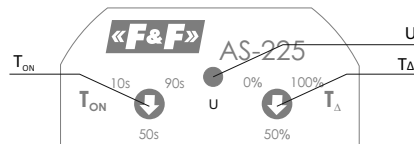
The number of controlled light points is arbitrary and requires only a sufficient number of controllers to be connected with each other.

Functioning

Short press of the DOWN button will turn on the lamp number 1. After the time T_{Δ} set on the first controller, the lamp number 2 will start to light up gradually. After the actuation time t_{ON} of the lamp number 1, it will start to slowly go out. The transition from lamp 2 to lamp 3, from lamp 3 to lamp 4 and so on will be carried out in the same way.

In case of a descending from the stairs (pressing the UP button), the sequence will be reversed - first the lamp number 5 will light up, then number 4, and so on will light up first. If you press the button for a long time, the light will remain on while the button is pressed.

Description of the device

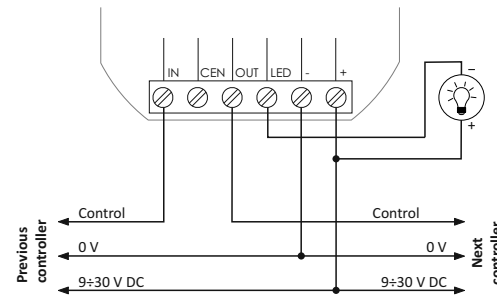


- T_{ON} - lighting switch-on time
- T_{Δ} - lighting switch-on delay time
- U - short blinks indicate that the controller is in standby mode. Switched-on control light indicates activation and the output brightness level.

WARNING!

For light sources with a specific polarization (for example LED lamps) pay special attention to the correctness of the connection.

Wiring diagram



Description of the lead

- LED** Output to connect the lamp. For LEDs with marked polarity connect the "-" pin from the lamp to the LED terminal.
- OUT** Control input. It is designed to connect a button or other programming device (if this is the last controller in the group) or to connect to the IN terminal in the next controller in the group.
- CEN** Local control input. Triggering of the input will turn on the lighting in the current controller at 100 percent and at 50 percent in the neighboring controllers (one controller on the left and one on the right).
- IN** Control input. It is designed to connect a button or other programming device (if it is the first controller in the group) or to connect to the OUT terminal in the next controller in the group.

Assembly

1. Turn off the power.
2. Place the relay in the flush-mounted box.
3. Connect according to the scheme.
4. Set the operating time and switch-on delay using the standard screwdriver.

Technical data

input	
power supply	9÷30V DC
control inputs (IN, CEN, OUT)	potential-free triggered by connection to the "-" power level
power consumption	
standby	0.3W
on	0.5W
output	
output type	transistor (OC - open collector)
output current	<4A
output voltage	9÷30V DC
switch-on time T_{on} - adjustable	10÷90sec
activation delay T_{Δ} - adjustable	0÷100% T_{on}
terminal	2.5 mm ² screw terminals
tightening torque	0.4Nm
working temperature	-15÷50°C
dimensions	Ø54 (48×43mm), h=20mm
mounting	in flush mounted
protection level	IP20

Example of group control

