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AS-223

Staircase timer
with counter-blockade



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

Staircase timer AS-223 serves to keep switch-ON lighting of staircase, corridor, or any other object for the set time and to switch-OFF this lighting automatically, upon elapse of this set time.

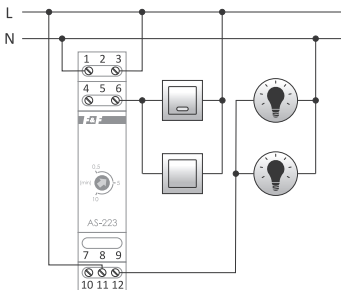
Functioning

Turned ON staircase timer supports the lighting during set time by potentiometer (from 0.5 min. to 10 min.) and upon elapse of this set time a reduction by half of lighting brightness follows for about 30 seconds, after that OFF follows (thus an occurrence of a sudden darkness is avoided, enabling safe approach to the switch). After switching OFF the lighting there is possibility to switch it ON again. Function of counter blockade does not allow to keep the light-ON in case of staircase switch blocking (after blocking the pushbutton, for example by match, the timer will count the set time and switch OFF the lighting). Next switching ON can be after removing the blockade.

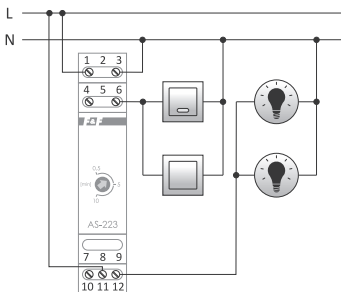
Mounting

1. Take OFF the power.
2. Put on the relay on the rail in switchgear box.
3. Connect the power cable to terminals 1-3 in accordance with chosen options control the relay (control impulse L or N).
4. Timer switches which were connect with parallel, connect to terminal 6 and to cable which is connecting to terminal 3
5. Connect the power to terminal 10. The supplied receiver (lamp) which were connect with parallel, connect to terminal 12 and cable N.

Wiring diagram



control pulse: L



control pulse: N



AS-223 can work with backlit buttons.

power supply

1-3 relay's power supply 165÷265 V AC

control inputs

6 control input

contact

10 output – break contact (passive)






11 input – COM power supply contact

12 output – closing contact (active)

Technical data

power supply	165÷265 V AC
contact	separowany 1×NO/NC
maximum load current (AC-1)	16 A
control pulse	165÷265 V AC <20 mA
total backlight current control buttons	5 mA
activation delay	0.1÷0.2 s
deactivation delay (adjustable)	0.5÷10 min.
power consumption	
standby	0.15 W
on	0.7 W
terminal	2.5 mm ² screw terminals
tightening torque	0.4 Nm
working temperature	-25÷50°C
dimensions	1 module (18 mm)
mounting	on TH-35 rail
protection level	IP20

Power table

				
tungsten	halogen	fluorescent	energy-saving	LED
2000 W	1250 W	1000 W	500 W	250 W

The above data are indicative and will heavily depend on the design of a specific receiver (that is especially important for LED bulbs, energy-saving lamps, electronic transformers and pulse power supply units), switching frequency and operating conditions.

For more information visit: www.fif.com.pl.

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.

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