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## BIS-410 24V

Bistable relay  
with timer



519024311670003

**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

Electronic bistable pulse relay BIS-410 allows switching on or off the lighting or other device from several different points by parallel connected, momentary (bell) control switches.

### Functioning

The receiver is switched on after a current pulse caused by pressing any momentary (bell) button connected to the relay.

The receiver is turned off after the next impulse or automatically after the set off time.

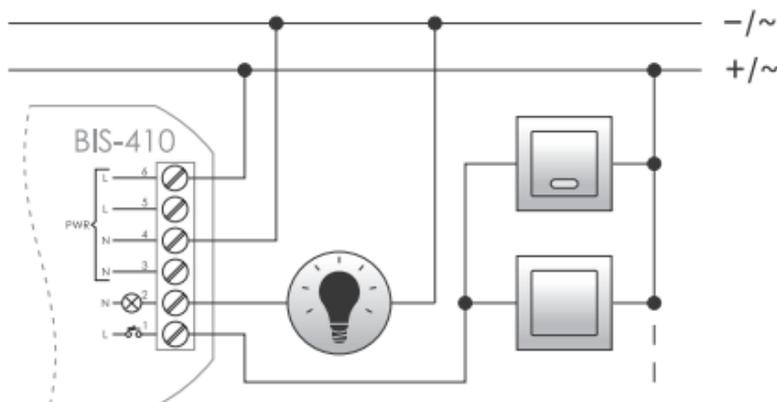
A longer pressing of the momentary button (lasting at least 2 seconds) turns on the relay permanently.

The relay will be turned off only after pressing the momentary button again (or after a power failure).

## Mounting

1. Disconnect the power supply.
2. Mount relay in the flush-mounted box.
3. Connect the power supply cables to PWR group: (+)-wire to terminal 5 or 6, (-)-wire to terminal 3 or 4.
4. Momentary switches connected in parallel connect to terminal 1 and (+)-wire.
5. Connect the powered receiver in series to terminal 2 and (-)-wire.
6. Set the switch-off time with the potentiometer.

## Wiring diagram



BIS-410 24 V is not compatible with backlit buttons.

- 1 control input
- 2 relay output
- 3/4 (-) power supply
- 5/6 (+) power supply

## Technical data

power supply	9÷30 V AC/DC
contact	1×NO
maximum load current (AC-1)	16 A
activation delay	0,1÷0,2 s
switch-off time (adjustable)	1÷15 min.
power indication	green LED
power consumption	
standby	0.15 W
on	0.7 W
terminal	2.5 mm <sup>2</sup> screw terminals
tightening torque	0.4 Nm
working temperature	-25÷50°C
dimensions	∅54 (size 48×43 mm), h= 25 mm
mounting	in flush mounted box ∅60
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](http://www.fif.com.pl) on the product page.