

**BISTABLE RELAY  
 with switch off timer**

**BIS-410**

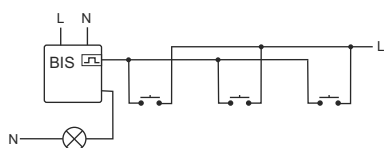
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Do not dispose of this device to a garbage bin with other unsorted waste! In accordance with the Waste Electrical and Electronic Equipment Act any household electro-waste can be turned in free of charge and in any quantity to a collection point established for this purpose, as well as to the store in the event of purchasing new equipment (as per the old for new rule, regardless of brand). Electro-waste thrown in the garbage bin or abandoned in the bosom of nature pose a threat to the environment and human health.

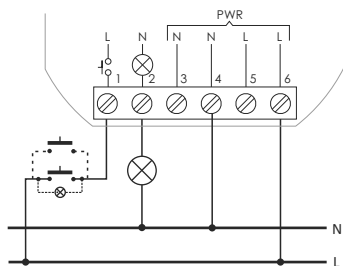
**Purpose**

Electronic bistable impulse relay allows switching of lighting or other equipment from several different points of using the control buttons are connected in parallel.



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**Wiring diagram**



**Power table**

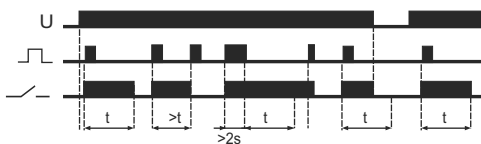
incandescent	halogen	fluorescent	energy-saving	LED
2000W	1250W	1000W	500W	250W

The above data are indicative and will depend to a large extent on the design of a specific receiver (especially for LED bulbs, energy saving lamps, electronic transformers and pulse power supplies), switching frequency and working conditions. For more information visit: [www.fif.com.pl](http://www.fif.com.pl).

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**Functioning**

The receiver is followed by current pulse triggered by pressing any (bell) connected to the relay. Turning off the receiver will be the next pulse or automatically turn off after a preset time. Longer duration (minimum 2 seconds) pressing the relay instantaneous permanently. It will cut out after a momentary button is pressed again (or after a power failure).



**Assembly**

1. Disconnect the power supply.
2. The relay mounted in flush-mounted box.
3. Connect the power supply to a group of PWR: L phase wire to terminal 5 or 6. The N neutral to terminal 3 or 4.
4. Parallel momentary switches connected to terminal 1 and the L phase conductor.
5. Powered receiver connected in series to terminal 2 and the N neutral conductor.
6. Potentiometer to set the switch-off time.

**Note**

BIS-410 can be used with illuminated buttons.



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**Specifications**

power supply	100÷265V AC
contact / load current AC-1	1NO / <16A
current control pulse L	<5mA
response delay	0.1±0.2s
off time - adjustable	1÷15min.
supply signalling	green LED
power consumption	
standby	0.15W
on	0.6W
working temperature	-25÷50°C
terminal	2.5mm <sup>2</sup> screw terminals
tightening torque	0.4Nm
dimensions	Ø54 (□48×43mm), h= 20mm
mounting	in the Ø60 flush-mounted box
ingress protection	IP20

D141223/150116

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