

**BISTABLE RELAY**

**BIS-408i**

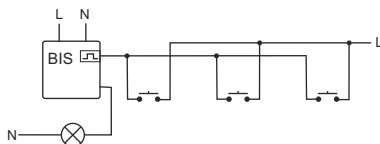
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Do not dispose of this device to a garbage bin with other unsorted waste! In accordance with the Waste Electrical and Electronic Equipment Act any household electro-waste can be turned in free of charge and in any quantity to a collection point established 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.



Relay version "i" is to pin adapted to cooperate with the receivers with high starting current, such as LED fluorescent lamps, ESL fluorescent lamps, electronic transformers, discharge lamps, etc.

**Functioning**

The receiver is after the current pulse caused by pressing any (bell) connected to the relay. Exclusion the receiver will be the next pulse.

The relay does not have a "memory" of the contact position, ie. in the case of power failure and the subsequent return, contact the relay will be set in the off.

This prevents the automatic switching of loads without supervision after a prolonged power failure.



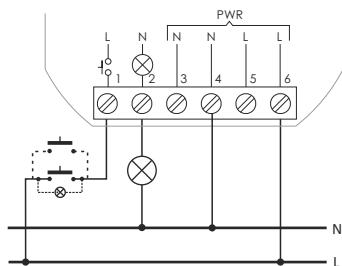
**Assembly**

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. At the same 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.

**Note!**

BIS-408i can be used with illuminated buttons.

**Wiring diagram**



**Specifications**

power supply	100÷265V AC
contact / load current AC-1	1NO / <16A
current L control pulse	<5mA
response delay	0.1÷0.2s
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

**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.

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