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BIS-402

Bistable relay



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-402 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. After the next pulse, the receiver will be switched off.

The relay does not have a „memory” of the contact position, which means in the event of a power failure and its subsequent return, the relay contact will be set to „off”. This prevents the controlled receivers from being switched on automatically without supervision after a prolonged power failure.

Diagram



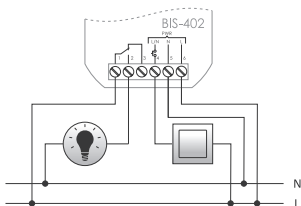
Mounting

1. Disconnect the power supply.
2. Mount relay in the flush-mounted box.
3. Connect the power supply cables to PWR group: phase wire L to terminal 6, neutral wire N to terminal 5.
4. Connect parallel connected momentary switches to the terminal 4 and phase wire L or N.
5. Connect the receiver's power to the terminal 1.
6. Connect the receiver to the terminal 2 and the neutral wire N.



BIS-402 cannot work with backlit buttons.

Wiring diagram



- 1 COM common contact
- 2 NO contact
- 3 NC contact
- 4 triggering input
- 5-6 165÷265 V AC power supply of relay

Technical data






power supply	165÷265 V AC
contact	separated 1×NO/NC
maximum load current (AC-1)	10 A
control pulse current	1 mA
	triggered with L or N level
activation delay	0.1÷0.2 s
power consumption	0.4 W
terminal	2.5 mm ² screw terminals
tightening torque	0.4 Nm
working temperature	-25÷50°C
dimensions	∅54 (size 48×43 mm), h= 20 mm

Technical data (cont.)

mounting
ingress protection

in flush mounted box $\varnothing 60$
IP20

Power table

				
tungsten	halogen	fluorescent	energy-saving	LED
1500 W	1000 W	500 W	300 W	300 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 L.P. 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.