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BISTABLE RELAY

BIS-411 1R1Z
24 V

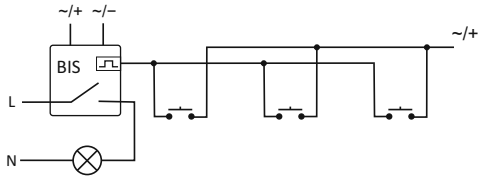
WARRANTY. The F&F products are covered by a warranty of the 24 months from the date of purchase. Effective only with proof of purchase. Contact your dealer or directly with us. More information how to make a compliant can be found on the website:
www.fif.com.pl/reklamacje

5 908312 590170

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

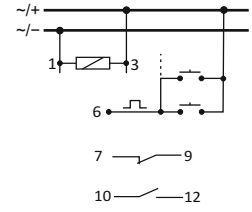
Electronic bistable pulse relay allows you to turn on or off the lighting or other device from several different points using the parallel-connected momentary (bell) control switches.



Technical data

power supply	9÷30V AC/DC
contact / load current (AC-1)	separated 1×NC 1×NO / 2× 8A
current control pulse	9÷30V AC <5mA
response delay	0.1÷0.2s
supply signalling	green LED
signalling activation	red LED
power consumption	
standby	0.15W
on	0.6W
working temperature	-25÷50°C
terminal	2.5mm^2 screw terminals
tightening torque	0.4Nm
dimensions	1 module (18mm)
mounting	on TH-35 rail
ingress protection	IP20

Schemat podłączenia



POWER SUPPLY
1-3 relay power supply: 9÷30V AC/DC
CONTROL INPUTS
6 control input
CONTACT
7-9 break contact NC (normally closed)
10-12 closing contact NO (normally open)

Functioning

The receiver is activated with a current pulse caused by pressing any momentary (bell) button connected to the relay. Subsequent pulse will switch the relay off.
The relay does not have a „memory" of the position of the contact, which means that in case of a power failure and its subsequent return the contact will be set in the switched off state. This prevents automatic and unattended activation of the controlled receivers after a prolonged power outage.

Installation

1. . Disconnect the power supply.
2. Mount relay on a rail in the distribution box.
3. Connect the power supply cables to contacts 1-3: for the AC voltage the polarity is free; for the DC voltage: connect „+" to terminal 3, „-" to terminal 1.
4. Momentary switches connected in parallel connect to terminal 6 and the wire, to which terminal 3 is connected.
5. Powered receiver connect in series to terminals 7-9 or 10-12

Note!

BIS-411 1R1Z 24V not compatible with bell pushes equipped with fluorescend lamps.

Example of connection:
different supply voltages of the relay and receiver

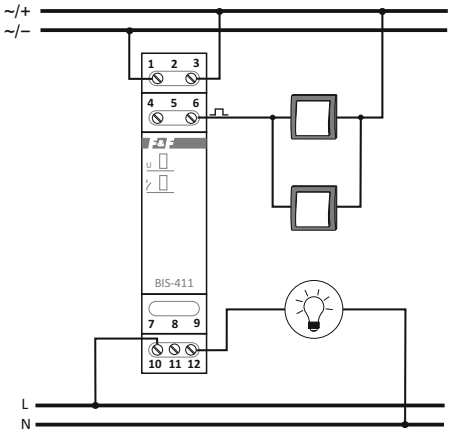


Table of power

incandescent	halogen	fluorescent	energy-saving	LED
1000W	600W	500W	250W	100W

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.

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