

## PURPOSE

Electronic bi-stable pulse relays BIS-411 24 V enables the user to actuate lighting or other devices from various locations by means of control buttons in parallel connection.


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## TECHNICAL DATA

power supply
$9 \div 30 \mathrm{VAC} / \mathrm{DC}$
contact / current load AC-1
control pulse -
activation delay
signalling of supply
signalling of activation $30 \mathrm{VAC}<5 \mathrm{~mA}$
green LED
power consumption
working temperature
$25 \div 50^{\circ} \mathrm{C}$
connection
terminals
tightening torqu
dimensions
fixing
ingress protection

WIRING DIAGRAM


SUPPLY
1-3 power relay: $9 \div 30 \mathrm{~V} \mathrm{AC} / \mathrm{DC}$
CONTROL INPUTS
6 control input
CONTACT
11 power input contact COM
10 output: NC contact (passive)
12 output: NO contact (active)

## FUNCTIONING

The receiver is actuated by means of a current pulse triggered by pushing any bell push connected to the relay. The receiver is deactivated by another pulse or after a preset time. The relay does not „memorize" the position of the relay contact, i.e. in case of supply voltage decay and the subsequent return of supply voltage, the relay contact will be set in the off position. Such a solution prevents the automatic actuation of the receivers controlled that might occur without proper supervision after a long-lasting decay of supply voltage.

## ASSEMBLY

1. Turn OFF the power
2. Put on the relay on the rail in the switchgear box.
3. Connect the power cable to contact 1-3 with marks
4. The timers switching which are connect in parallel connect
to contact 6 and to cable which is connect to joint 3.
5. The activated receiver connect in series to contact 11-12.

## ATTENTION!

The BIS-411 24 V not compatible with bell pushes equipped with fluorescent lamps.


Connection scheme (example)
different supply voltages of the relay and receiver


Table of power


The above data are indicative and will heavily depend on the design of a specific receiver (that is especially important for LED bulbs, energysaving 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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