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RS-407 M.

BI-STABILE RELAY

www.fif.com.pl

F&F products are covered by an 24 months warranty from date of purchase

PURPOSE

Electronic relays are used for radio remote control of gates, shutters, lighting, arming alarm systems, etc. The remote control system consisting of a transmitter (remote) and receiver (relay). There is a possibility of cooperation between many transmitters to one receiver and one transmitter to multiple receivers.

FUNCTIONING

The impulse caused by the push of a button on the remote control to send a coded signal to the receiver. Remote control is protected against break transmission after releasing the button.

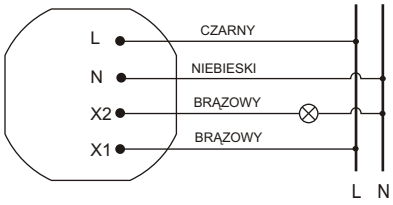
Short press <1 sec. exits from the state of programming.
Press and hold PROG> 8sek. will erase the memory. After the operation, erasing out of the nonvolatile memory are erased all data on the pilots, and then the memory is formatted for re-programming.

SIGNALING OF RECEIVER STATE

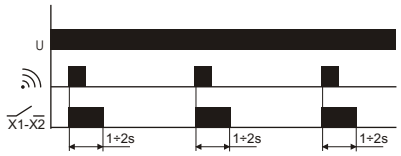
Red LED:
random flashing : receiving data mode
flashing quickly: erase of memory
Long flash: memorizing function (remote control)
short flash: function (pilot) already defined
3 flashes: memory full
long flash: formatting memory ofter turn on
short red flash; memory test when after turn on

Green LED
flashing 1sec.: learning mode
Long flash: activation of output

WIRING DIAGRAM



Thanks to this, even the shortest activation function is the full frame of data transmissions. Data transmission from the remote control is indicated by flashing of red LED on the remote. At the time of diagnosis signal receiver closes the contact of X1-X2 at time 1 ~ 2 sec (pulse).



The range of the system is up to 100m (Range depends on many factors, among others, on: the weather (humidity), terrain characteristics (reflection), placement of the receiver and transmitter, and all kinds of obstacles such as walls).
ATTENTION!! Before of the final assembly of the receiver to make the tests.
The receiver is equipped to the PROG button, which allows link the remote / button on the receiver and resets the receiver memory.

PROGRAMMING

Press and hold the PROG button> 5sec. enters into a state of programming. After entering the learning mode, he receiver is waiting for incoming transmissions from the remote (Pressing the remote button). Followed by verification of the program. If the button of the remote control has not been programmed it will record identifying information. During one open programming session, the receiver can be attributed to many control remotes . The non-volatile memory can save up to 32 remotes.There is a possibility of cooperation between many transmitters to one receiver and one transmitter to multiple receivers.

TECHNICAL DATA

Receiver

supply	*230V AC*
current load	*<5A*
joint	*separate 1Z*
signaling of recieving/programming	*red LED*
state of joint	*green LED*
power consumption	*0,8W*
connection	*4×LY 1mm²; l=10cm*
working temperature	*-25÷50°C*
dimensions	*Ø55, h=13mm*
fixing	*to under plaster box Ø60*

Remote control

Type	
RS-P1	*single-button*
RS-P2	*two-button*
RS-P3	*three-button*
RS-P4	*four-button*
supply	*12V*
type of battery	*A23*
transmission	*dynamically changing the code*
frequency	*868MHz*
coding	*Keelog®*
working temperature	*-25÷50°C*
color	*black*
fixing	*30×68×14*

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