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## GSM REMOTE CONTROL RELAY

## SIMPLY MAX P01

**WARRANTY.** The F&F products are covered by the 24 months warranty from date of purchase. Effective only with proof of purchase. Contact your dealer or directly from us. For more information on the procedures for filing complaints on [www.fif.com.pl/reklamacje](http://www.fif.com.pl/reklamacje)



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 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.



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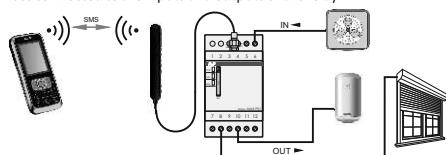
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### Purpose

P01 relay with built-in GSM communicator is used to remote control via mobile phone. It allows an easy way to manage and monitor outputs status devices connected to the inputs and outputs of the relay.



### Features

- \* 2 ON/OFF control outputs (8 A 250 V AC)
- \* time control of the outputs, for example for 30 s (1 s ÷ 600 min.)
- \* 2 alarm inputs (160÷260 V AC of direct connection)
- \* optional triggering with both the appearing and fading of the signal (0/1)

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\* notifications to 5 phone numbers for each input

\* queries about the status of inputs and outputs

\* redefinition of the names of inputs and outputs, for example: IN1-> PUMP; IN2-> BREAK-IN

\* optional automatic replies about execution of the commands

\* optional automatic restore of the status of the outputs after power returns

\* access control by password

\* unlocked (no Simlock blockade)

### Functioning

The relay works in GSM 900/1800 cellular networks of any operator operating in Poland (device is unlocked). In order to make the calls and execute the predefined functions, the device must have an active SIM card. The relay has two controllable relay outputs through which the controlled receivers are enabled and disabled as well as two high-voltage inputs through which are implemented functions of the notifications about the actuation of controlled devices. Commands and notifications are defined text messages (SMS) exchanged between the controller and the user of the telephone.

### SMS commands and messages

#### CONTROLLING OUTPUTS

OUT1 ON - switch ON output 1      OUT2 ON - switch ON output 2

OUT1 OFF - switch OFF output 1      OUT2 OFF - switch OFF output 2

#### TEMPORARY SWITCHING OF OUTPUT

OUT1 / OUT2 ON S [x] - temporary switching output at time x, where x is in the range 1 ÷ 300sec. Example: OUT1 ON 45 - switching output 1 time for 45 seconds.

OUT1 / OUT2 ON M [x] - temporary switching output at time x, where x is in the range 1 ÷ 600min. Example: OUT1 ON 45 - switching output 1 time for 45 seconds.

#### SMS ALERTS ON MOBILE ABOUT ACTUATION OF INPUT

IN1 ON - high state (voltage) Input 1

IN2 ON - high state (voltage) Input 2

IN1 OFF - low state (no voltage) Input 1

IN2 OFF - low state (no voltage) Input 2

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### AUTOMATIC REPLY

The optional auto-reply on the phone the user with a message that reaches and adoption of SMS.

ANSW - request an automatic response.

The word served after the main command. The reply is a confirmation of the execution and the status of input, output or function.

Example

Command: OUT2ON ANSW. Content response: OK OUT2 ON

Command: PASSON 1234 ANSW. Content response: OK PASS ON 1234

Command: IN1! +48123456789 ANSW. Content response: OK IN1!

+48123456789

### REDEFINITION OF INPUTS, OUTPUTS AND STATES NAMES

The function of giving the inputs and outputs (IN/OUT) individual names in place of pre-defined phrases and their corresponding states of activation on and deactivation (ON/OFF). After defining the name the content of the text message (SMS) will contain the name given to the input or output and the phrase corresponding to the given state. Query about the status of the input or output is created by adding a question mark "?" to the defined name. Outputs control remains the same and is carried out by the ON and OFF commands, which means that after the defined name you should enter the standard command ON/OFF.

Definition:

TEXT! IN1/IN2 <input\_name><state\_ON><state\_OFF>

TEXT! OUT1/OUT2 <output\_name><state\_ON><state\_OFF>

A single phrase of the definition is a continuous (without spaces) string of up to 10 characters.

Examples

#### INPUT1

Definition: TEXT! IN1 GATE OPEN CLOSE

Question: GATE?

Answer: GATE OPEN

#### OUTPUT2

Definition: TEXT! OUT1 pump\_2 turnedON turnedOFF

Question: pump?

Answer: pump turnedOFF

Commands: pump\_2 ON

Note!

Both the factor names and user-defined names operate in parallel. The content of text message (SMS) reply is adequate to the question.

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