



GSM RELAY

Brief Instructions for Use

Manufacturer: SEA spol. s r.o.

Characteristics

The GSM RELAY device enables controlling an electrical appliance by switching on and off the appliance's power supply 230 V / 50 Hz, 10 A. The control is carried out using SMS text messages. All that is necessary to do is to insert a SIM card of any operator.

Installation

1. To operate the device, a SIM card of any operator is necessary.

Before inserting the SIM card into the GSM RELAY device, it is necessary to turn off setting of the „PIN code“.

Insert the SIM card of any mobile telephone and turn off the requirement of setting the PIN. On most mobile telephones, this option can be found in menu "Setting the telephone protection".

2. Insert this prepared SIM card into the GSM RELAY device. The SIM card holder is located on the back side of the device next to the network socket. To slide out the SIM card holder, press on the yellow disc next to the holder.
3. Now you can plug the device into a standard single-phase 230 V wall socket. If the power supply is correct, green LED diode POWER SUPPLY goes on. Simultaneously, after about 1 minute, yellow LED diode GSM starts flashing with a period of 2 sec.
4. Now plug the 230 V electrical appliance you want to control into the socket on GSM RELAY.
5. To make the first test of the device, use your mobile telephone you want to use to control the appliance and send a SMS text message in the form 1234 ON to the telephone number of the SIM card inserted into the GSM RELAY. This switches on the plugged appliance. The ON status is indicated by means of the green LED diode OUTPUT that is permanently on. Simultaneously, the device automatically sends a confirmation message on performing the operation. (To change the password 1234, insert the SIM card into any mobile telephone and in the directory on the SIM card in field "Names" for name Code change the telephone number 1234 to a number you select. The device reacts to the SMS text message from any telephone as long as the access password matches.)
6. If you want to switch off the appliance, just press pushbutton ON/OFF on the GSM RELAY. The appliance is switched off and the green LED diode OUTPUT goes off.

Control

<i>Appliance ON</i>	Send a SMS text message in the form 1234 ON to the telephone number of the SIM card inserted into the GSM RELAY. If you do not require automatic confirmation message, the SMS text message must have the form 1234 ON NOBACK.
<i>Appliance OFF</i>	Send a SMS text message in the form 1234 OF to the telephone number of the SIM card inserted into the GSM RELAY. If you do not require automatic confirmation message, the SMS text message must have the form 1234 ON NOBACK.
<i>On-site ON/OFF</i>	Just press pushbutton "ON/OFF" on the GSM RELAY.
<i>Taking status of appliance</i>	Send a SMS text message in the 1234 STAV to the telephone number of the SIM card inserted into the GSM RELAY. The device will send a SMS text message with the actual status. Example of a SMS message with the appliance status: GSMRELE ON, Magnetic contact: Off, Signal: Level 54%.

Technical data

Max. switching current: 10 A
Voltage (supply, controlled):
230 V ($\pm 15\%$)
Internal consumption:
0.5 W(standby) / 1.5 W(active)
Operating temperature: -20 to +40 °C

Caution:

Correct function of the GSM network is indicated by a short blink of the LED GSM 1x in 2 seconds.
If the rate is 1:1, it means that, SIM is not inserted properly or GSM signal is not available.

Note:

If you change the password 1234 to your new number, use it in the control commands instead of the pre-selected 1234.