MobilGate-08

Low cost GSM gate opener with recognation of 8 phone numbers

The ***MobilGate-08*** is a very simple GSM ***gate opener***, developed for gate or door remote control tasks. It has 1 ***simple input*** and 1 single circuit ***relay output***. The user can activate the relay output with a call initiated to the device. It can recognize ***8 different phone numbers,*** operates only when the phone numbers of the caller are previously configured. The output relay is normally off. It's ***NO*** and ***NC*** contacts have been wired out. It can operate in ***monostable*** mode (switching it on by a phone call for a given time) or ***bistable*** (switching it on by a phone call, then switching it off by the next call). The user is informed about the module input changes in a configured SMS. The module stores all data on the SIM card, which can be configured in 1-2 minutes using a cell phone during the installation. Timing can be ***set to 0-9999 sec*** (max 2.5 hours), or the device can be kept switched on for an optional time in bistable mode.

- ***Switching one output relay by calling it***
- ***Capable of recognizing 8 phone numbers***
- ***Configurable relay switch time***
- ***1 input for SMS sending***
- ***Editable SMS content***
- ***12V/24V power supply***
- ***Provider-independent GSM***
- ***Easy to install***
- ***Small size***
- ***Low cost***

Best for:

- ***opening gates of houses without keys***
- ***opening garage gates and staircase doors***
- ***garden door remote control***
- ***operating parking barriers***
- ***general-purpose selective gate opening tasks***
- ***general resetting and restart***
- ***general remote signal***
- ***emergency shutdown purposes***
- ***in flats and houses***
- ***in weekend houses and bungalows***

The relay has single circuit ***NO*** and also ***NC*** type outputs and their maximum load can be ***48V*** and ***1A***. The 2 connecting points on the panel's terminal blocks are destined to ***10-30 V DC*** power supply, and the 3 points of the other terminal block is the output of ***NO/NC*** gate controller relay. It has a provider-independent industrial GSM module, thus it can operate with any post-paid subscription or prepaid SIM card issued by any service provider. The gate opener module does not discard any data when turning it off so it can continue to operate from the last turned on state, while the relay resets to its original state (switched off).

Specifications:

Power supply:		**10–30 V DC**
Standby current (12V):	below	**20 mA**
Stdby current (relays off):		**20 mA**
Stdby current (relays on):		**31 mA**
Max. (communicating) current.:		**140 mA**
Frequency:		**900/1800 MHz**

Communication:	**SMS, voice**
Aerial conn.:	**SMA straight**
Board length:	**50 mm**
Board width:	**50 mm**
Board height:	**18 mm**
Operating temp.:	**-30 to +70 C deg.**