CL1-GSM Instruction

Ⅰ.Overview

front view

side elevation
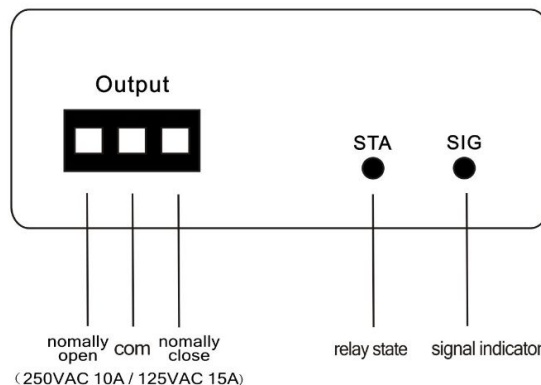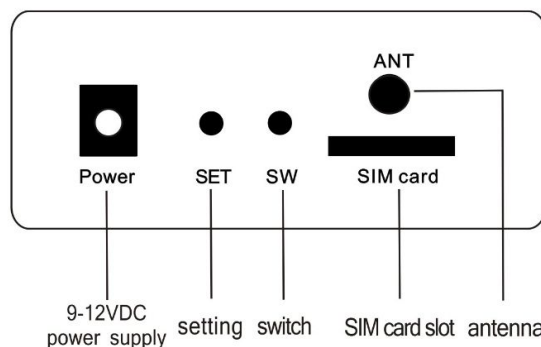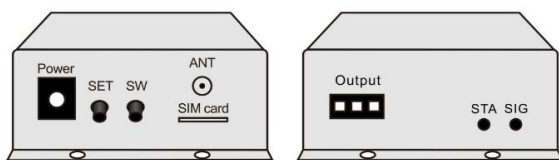
SW button	Control switch state,the state ov-erturned after press
SET button	Press the SET button, you can manually mode to set master number
STA Indicator	The current status indicator , if the state is connected , lights , and if status is disconnected, light goes out
GSM SIG Indicator	GSM signal indicator ,flash four secondsto enter the GSM network

Ⅱ. Options：

1.Insert SIM card
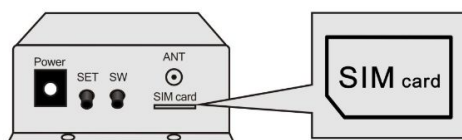
⚠ Installed your SIM card before power on, non-installed SIM card after power on。

2.Plug in the power connector

short initialization time (30seconds)after powe on,related operations after initialization . all controller is disconnected by default.

3.Connecting the GSM net-work
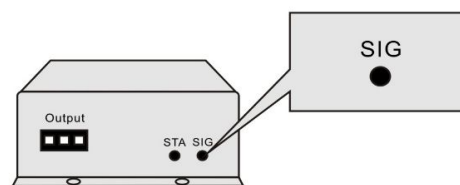
Observe the SIG lights on the panel(Begining one second flash),when flash becomes 4 seconds, the controller has connected GSM net-work,Then you can set and control theGSM controller.

4. Set password

SMS

*GSM controller initila password is:0000

*Set password command format: "SN+four old passwords+NEW +four new passwords"

Recerved the SMS ofthe switch status

*The password with the power-down memory function.

（NEW SN SETOK NEW SN IS ****）

Example：Send SN0000NEW1234

Receive SN SETOK NEW SN IS 1234

5. Set master number(can set up 5 groups)

There are two ways set master number：one is through SMS settings,one is through the SET button.

SMS

Received the SMS of set ok

For example, passwords is 1234, customers want to set 13788889999 to be master number,and then edit the message content: "SN1234SET 13788889999" issued to GSM controller, if you set successfully will receive a message: "13788889999SETOK". Only the master numbers can Dial into the controller and control it.Master numbers with a power-down memory function.

Press the SET button, STA1 led will flash for 30 seconds, during which timethe number dial controller, controller will automatically hang up dial elephone, when the caller number will become masternumbers,numbers with a power-down memory function.

6. GSM controller control:SMS/Dail/Button

*. SMS（ON Command. OFFCommand. T Command）
Setup steps: (the default password for 0000)

1. ON Command
turn the relay state to ON.
SN+password+ON
Example:SN0000ON
Device return:STATE IS ON

2. OFF Command
turn the relay state to OFF
SN+password+OFF.
Example:SN0000OFF
Device return:STATE IS OFF

SMS

3. T Command
inching the relay state
SN+password+T+*
(*:0-9,is inching time.0 is 0.5 second;
1-9 is 1-9 second).
Example(0.5 second inching):SN0000T0
Example(3 second inching):SN0000T3
Device return:STATE IS INCHING

---

*Ringing to control

Users control the GSM controller by dial the number of GSM controller, when get through the controller state change and hang up after 1 second. The user may hear "You can not answer the phone call,beep ...tone, etc". that set has been successful. If the controller connected, it will change to disconnected state after a call.If the original state is off, call and changed to the connected.

*Button control：

When you press the SW button, controller state will be overturned.If the original state is connected, then turned off .If the original into Shutdown mode, GSM plug into connected.

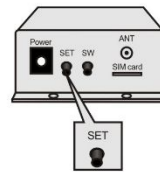## 7. CHECK Order SMS check the controller status：SN+ passwords +CHECK"

(SN****CHECK)

8. Memory function of controller power down

The default function of socket is power down save.Status can be determined by observing the STA lights flashing after power on:After power STA flash two times, which means that the status is power down save; STA after powerflash four times,which means that the status is without power down save.

For example: power down status can be changed by the customer,press SW 12 seconds after the release,you can change the current memory status.

9. Reset the system

Press the SET button and SW button at the same time for 1 second, STA led will slow flash 2 times, proved successful reset the system.When you reset the system, the master number will be emptied, password becomes four zeros: 0000.

10.MODE1 is default mode(works in most countries).

When you are in the Nordic Europe or other a few countries found call works but SMS did not respond, change to MODE0. e.g. Send SMS:'SN0000SM0'to equipment,then receive: 'MODE0 SET OK'. When you want to change to MODE1,send SMS:'SN0000SM1'

Notes

1、 SIM card requirements: global GSM standard SIM card can be used, currently does not support 3G or CDMA card, please activate the new SIM before insert the device.

2、 Please do not put the controller in the metal surrounded by the environment (metal box or distribution box), this will cause the controller signal become weak, affecting the use of efficiency. If you need to work in the harsh environment, please choose to extend the antenna, the antenna placed in the metal box, can work for long-term stability.
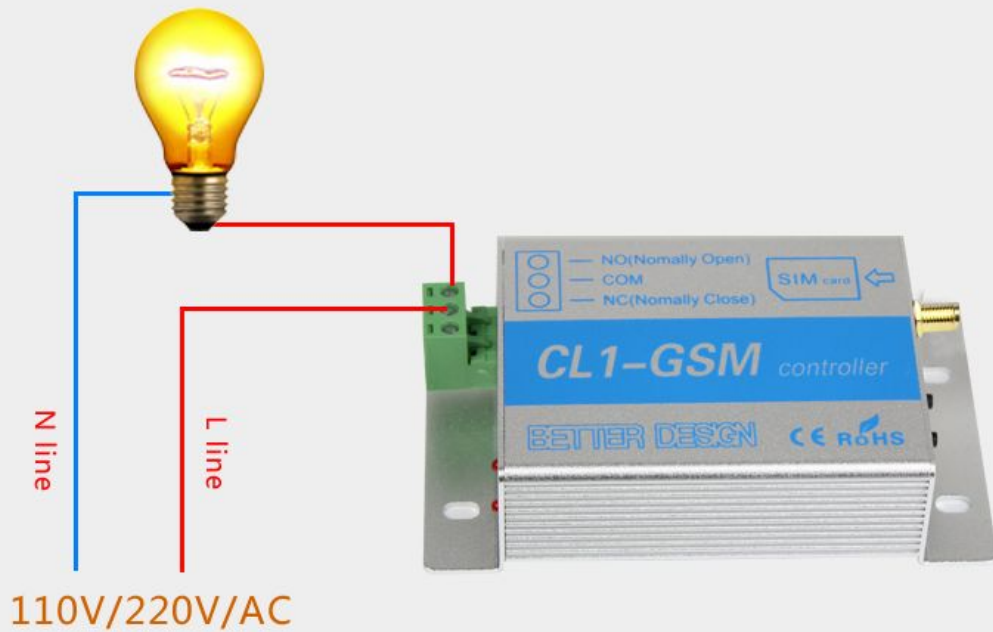
3、 Caller ID display must be turned on,ensure SIM card has sufficient balance in order to call and send text messages.

4、 When the the signal is weak in some environment, there will let SMS controlled insensitive, and this is normal. Because the message communication needs transit point forward, it will send to the other number on time when in a good signal. In such circumstances,if you want set the master number, consider to use SET button to set master number will be more efficient.

5、 When the signal of the environment is weak, it will appear.SMS control is not sensitive, is normal, noneed to worry. If you set master number, considerusing fast SET key to set the key.

6、 Using the product should pay attention to moisture, limited to indoor use. Output power do not work more than 10A(250VAC)/15A(125VAC),inductive load power by half.

LIGHT、ELECTRICAL APPLIANCES

NO(Nomally Open)
COM
NC(Nomally Close)

SIM card

CL1-GSM controller

BETTER DESIGN CE RoHS

N line

L line

110V/220V/AC

ELECTRIC DOOR DIRECT-CURRENT MOTOR

NO(Nomally Open)
COM
NC(Nomally Close)

SIM card

CL1-GSM controller

BETTER DESIGN CE RoHS

+12V/24V/36V

-12V/24V/36V

HIGH-POWER AC MOTOR , WATER-PUMP

110V/220V AC

110V/220V AC

110V/220V AC

AC contactor

N line

L line

110V/220V/AC

NO(Nomally Open)
COM
NC(Nomally Close)

SIM card

CL1-GSM controller

BETTER DESIGN CE RoHS