RTU5015 GSM CONTROL UNIT

Default messages :

Input closed = Door2 Open Alarm! Input reset = Door2 Closed Alarm!

Note. Inputs must be activated in programming



RELAY-1

COM

+12VDC

Relay-1: 3A, 30VAC/DC (normally open contacts) This output is controlled by phoning the RTU5015, caller-ID allows the RTU5015 to identify the caller and will then hang up on them. Because the call is never initiated no phone charges will be incurred.

Relay-2: 3A, 30VAC/DC (normally open contacts)

This output is controlled by a SMS

To turn Relay-2 On send: RLC#

To turn Relay-2 Off send: #RLR# Password

Note. Relay-2 will not turn off automatically, only when the off command is sent.

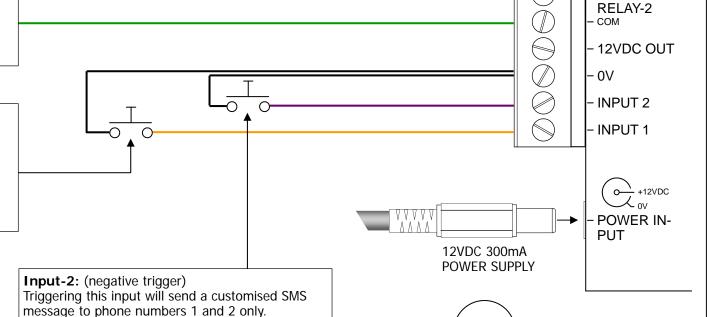
Input-1: (negative trigger)

Triggering this input will send a customised SMS message to phone numbers 1 and 2 only.

Default messages:

Input closed = Door1 Open Alarm! Input reset = Door1 Closed Alarm!

Note. Inputs must be activated in programming



PROGRAMMING RTU5015

All Programming Codes must be in Upper Case.

Default Password: 1234

Number of phone number: 1-999

Changing Password:

To change the password you will need to TXT this message to the RTU5015.



Example: 1234#PWD5678#PWD5678# (new Password is 5678)

Adding Telephone Numbers:

The RTU-5015 uses Caller-ID to identify authorised callers to activate Relay-1. Note. Only phone numbers 1 & 2 can receive TXT message from Input triggers.



Example: 1234#TEL021654321#001# (the telephone no. 1 = 021654321) If the number you have loaded does not trigger Relay-1, please try adding it again, but this time with the international code 0064 in front i.e (006421654321)

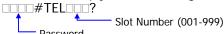
Deleting Telephone Number:



Example: 1234#DEL021654321# (phone number 021654321 has been removed)

Finding a Telephone Number:

This command will reply with a message containing the number stored in a slot.



Example: 1234#TEL001? (the telephone no. under slot 1 will be sent back to you)

Open to All Numbers:

This option will allow any number that calls the RTU-5015 to activate the relay.

feature On = AA, feature Off = AU

Increasing Relay-1 Reset Time:

The Time can be changed from 0 to 9.5 seconds in 0.5s increments (08=4s). Default time is 0.5s.

*if 0 is selected then the Relay will Toggle when called Time (00-19)

Example: 1234#GOT19# (the Reset time is now 9.5 seconds)

Enable the Inputs:

As default both inputs are disabled, this code will enable both.

Password

Example: 1234#EA# (inputs are now enabled)

Input is NC:

As default the inputs are set to NO, this code will change both inputs to NC.

Password

Example: 1234#KEYNC# (both input will now trigger when the circuit is opened)

Changing Input 1 Open SMS Message:

Password New Message (30 characters long Max.)

Example: 1234#TEXT10Alarm has been Activated#

Changing Input 1 Closed SMS Message:

Password New Message

Example: 1234#TEXT1CAlarm has been Reset#

(30 characters long Max.)

Changing Input 2 Open SMS Message:

#TEXT20 New Message (30 characters long Max.)

Example: 1234#TEXT2OWater Level is Low#

Changing Input 2 Closed SMS Message:

Password New Message (30 characters long Max.)

Example: 1234#TEXT2CWater Level Now OK#

Checking Signal Strength:

The RTU5015 will reply with a number, 0=very bad to 32=very good.

Password

Example: 1234#CSQ? (you should now get a TXT reply)

Note: Less than 12 many not be reliable.

Relay-1 Activation Confirmation:

When this feature is turned On, numbers 1 & 2 will receive a confirmation SMS.

| (Feature On = R) (Feature Off = N)

*Warning don't forget about SMS message charges, if this feature is turned on.

Master Reset:

To Clear all phone numbers, power down the RTU5015, then power up again. The GSM light will flash Orange until a connection is established. When it turns Red you have 3 minutes to send the message: **RESET** (you will receive the message *Reset ok* if it is excepted)