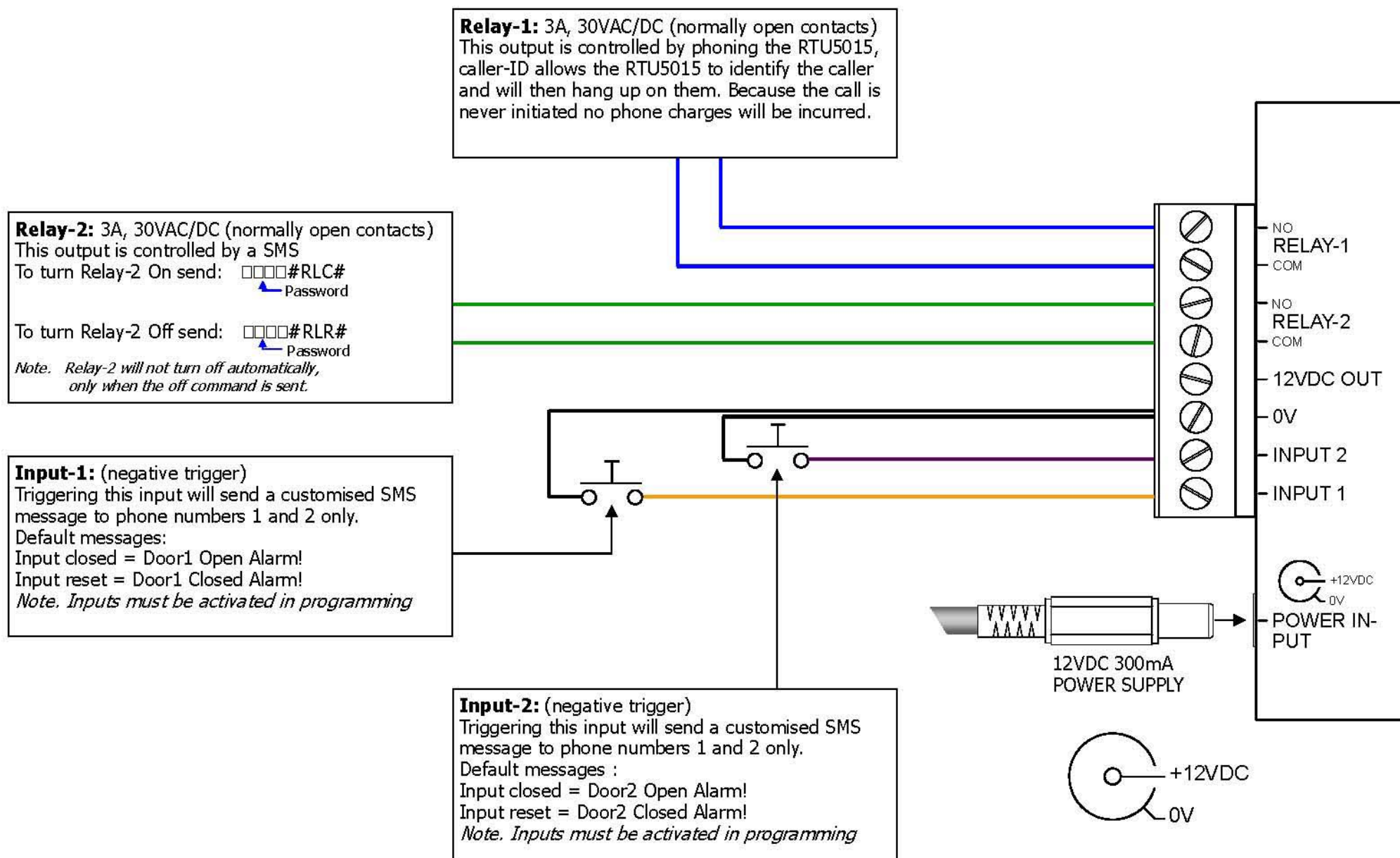


RTU5015 GSM CONTROL UNIT

<http://www.rtu5015.com>



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.

□□□□#PWD□□□□#PWD□□□□#
↑ Old Password ↑ New Password

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.

□□□□#TEL□□□□□□□□#□□□#
↑ Password ↑ Authorized Phone Number ↑ Slot Number (001-999)

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:

□□□□#DEL□□□□□□□□#
↑ Password ↑ Phone Number to be Removed

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.

□□□□#TEL□□□?
↑ Password ↑ Slot Number (001-999)

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.

□□□□#AA# feature On = AA, feature Off = AU
↑ Password

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.

□□□□#GOT□□# *if 0 is selected then the Relay will Toggle when called
↑ Password ↑ 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.

□□□□#EA#
↑ 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.

□□□□#KEYNC#
↑ Password

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

Changing Input 1 Open SMS Message:

□□□□#TEXT1O□□□□□□□□□□□□# (30 characters long Max.)
↑ Password ↑ New Message

Example: 1234#TEXT1OAlarm has been Activated#

Changing Input 1 Closed SMS Message:

□□□□#TEXT1C□□□□□□□□□□□□# (30 characters long Max.)
↑ Password ↑ New Message

Example: 1234#TEXT1CAlarm has been Reset#

Changing Input 2 Open SMS Message:

□□□□#TEXT2O□□□□□□□□□□□□# (30 characters long Max.)
↑ Password ↑ New Message

Example: 1234#TEXT2OWater Level is Low#

Changing Input 2 Closed SMS Message:

□□□□#TEXT2C□□□□□□□□□□□□# (30 characters long Max.)
↑ Password ↑ New Message

Example: 1234#TEXT2CWater Level Now OK#

Checking Signal Strength:

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

□□□□#CSQ?
↑ 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.

□□□□#R# (Feature On = R) (Feature Off = N)
↑ Password

*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)