

V14.1 – 2018 Model

GSM Supply

Supply (Non Polarity)

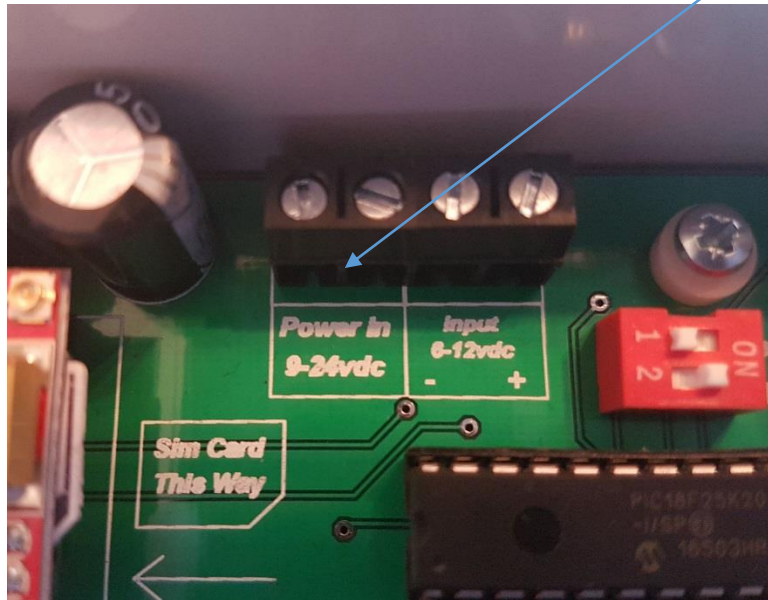
9-24vdc

12vdc Ideal

Min 2 Amps

On power up the yellow Led will flash 4 times then slowly flash every 1 sec until it has the handshake with the GSM which then does a final 4 times flash and goes off.

When the small red GSM board has connected to the network the LED on the small board will flash briefly every three seconds.



GSM Setup

When Setup No 1 Switch is in ON position, call the unit, the call will be disconnected, Your number is now saved and you are the Master Administrator, MAX 25 Numbers.

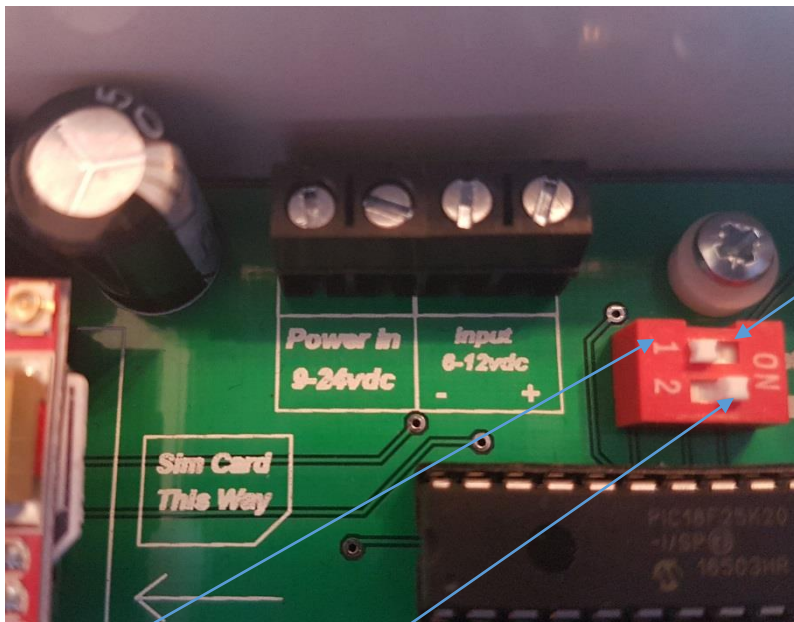
Place Setup Switch back into OFF position.

To save other numbers, using the Master or Slave Admin Phone, text "TS01xxx"
01 = Position of saved number
xxx = Last three digits of the number

To erase all numbers, using the Master or Slave Admin Phone, text "ERA"

To erase one number text "ERM01"
This will erase just position 1 number.

All Switch No 2 accepts all incoming calls and texts.



Setup Switch

All Switch

GSM Setup cont....



New feature for 2018 model.

1. One Master Admin User.
2. Four Slave Admin Users.
3. 20 Users.
4. Total 25 Users

Master Admin :-

1. Remove or Add Admin Slave Users.
2. Change the Master Admin User.
3. Remove or Add General Users.
4. Change All Timings and All Functions.
5. Set up Respond Numbers.

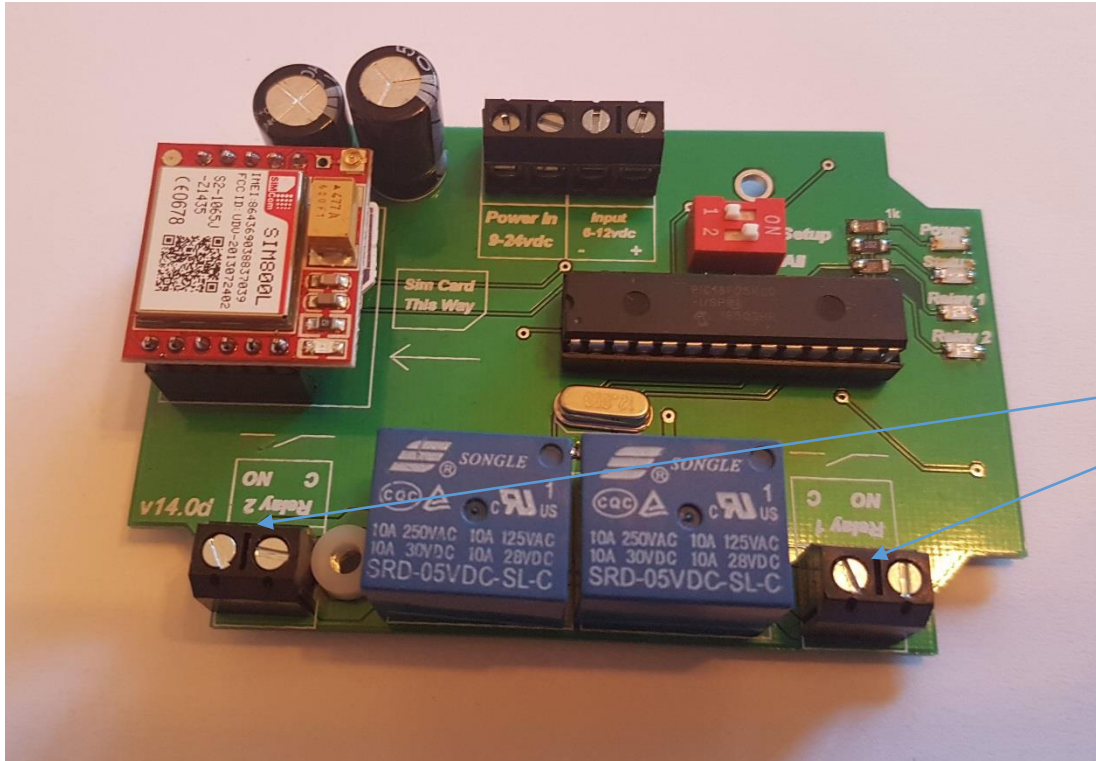
Slave Admin :-

1. Remove or Add General Users.
2. Change All Timings and All Functions.

General User :-

1. Operate basic functions only.

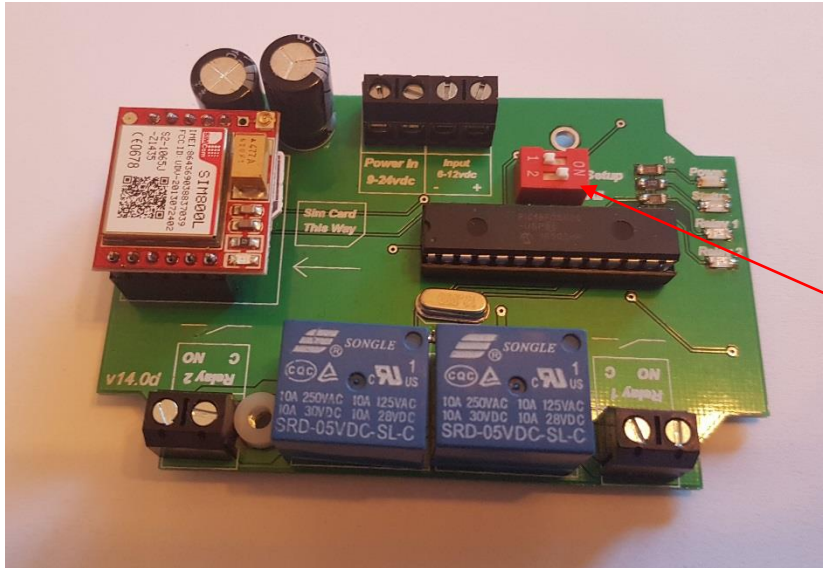
GSM Relay



Relay 2 Activated Using
Call or Text.

Relay 1 Activated using
Text Only

GSM All Numbers Function



Place the switch on to accept all numbers incoming.

This can be useful for testing without going through the setup.

You may not want to use the setup, so this function will save you time.

No 2 Switch.

GSM – Calling the Unit

- When calling the GSM, the Relay default time = 1 Second pulse on
- This applies for Relay 1 only
- When you call the unit, the call will be disconnected not costing you any money to ring the GSM.

GSM Texting

- When Texting the GSM, to activate Relay 1 text “R1on”
- Relay 2 = “R2on”
- Please do not text the “” also case sensitive Capital R.
- If Solid mode has been activated, texting will be as above, but to turn off the relays, Relay 1 = “R1off”, Relay 2 = “R2off”

GSM Texting – Pulse / Solid Function

- As default pulse mode is active
- To Change to Solid Mode, text “So1” or “So2”
- To Change back to Pulse mode, text “Pu1” or “Pu2”

GSM Texting - Respond

- To Activate the respond feature.
- Text TTxxxxxxxxxx the x's are the Master number.
- Text Z1xxxxxxxxxx the x's are the Slave number, up to 4 allowed so Z1, Z2, Z3 and Z4 (Use Master Admin Only)
- Text, "Ron" this will put the unit into respond mode, so any function that happens it will respond to the number above
- For example if you activate Relay 1 in pulse mode, it will reply with a text saying "Relay 1 Pulsed on"
- Using the Master Admin to Store Slave Admin Users:-
- Text Z1xxxxxxxxxx the x's are the Slave number, up to 4 allowed so Z1, Z2, Z3 and Z4

GSM – Activating Dual Heater Relay

- To Start the Heater sequence text ZZ
- To stop the sequence text ZS
- Default is 5 mins Relay 1 and 20 minutes Relay 1 and 2 together.

GSM – Direct Timing Relay 1 & 2

- Final function is the RSxx, RMxx and RHxx
- The x's are your times
- RS is in seconds max 99 seconds
- RM is in minutes max 99 minutes
- RH is in Hours max 99 hours
- Example text RM05, this will turn on Relay 1 for 5 Minutes
- During any of the above operation you can cancel by texting R1off
- Relay 2 the same but R2S, R2M and R2H

Specification

- 9vdc to 24vdc supply (min 2 amps)
- Relay contacts 3 amps max (PCB track size)
- Max voltage through relay contacts, 24vdc and 24vac
- Standby current 20mA
- GSM uses Quad Frequency (850, 900, 1800 and 1900 MHz)
- Aerial – 3 DBI High Gain
- Size – 100mm by 68mm and 50mm high (Box only)
- Ingress Protection – IP54 (if using outdoors use waterproof box)
- Always consult a Qualified Electrician when wiring this device
- We are not responsible for any damages, misuse or injury caused by 3rd party equipment connected to this device