

### INSTALLATION

- Disconnect the 24h zones on the burglar central unit
- Remove the ABS cover of the alarm SA310
- Remove the metal protection
- Disconnect the terminal blocks of the battery

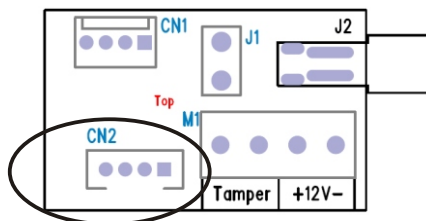
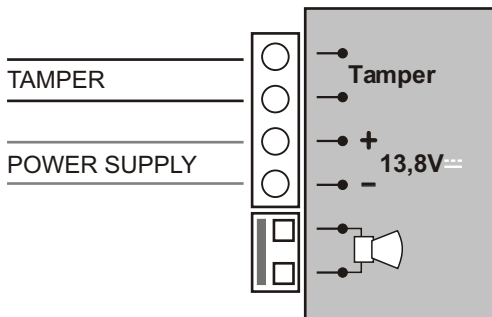


- Disconnect 4 wiring, from the terminal block of the alarm

#### (2 TAMPER wiring) (2 POWER SUPPLY wiring)

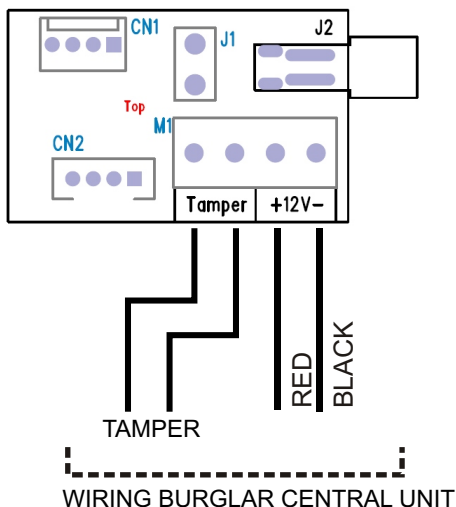
Derived from the burglar central unit

- Connect to the terminal block of the alarm, wiring with black plug (first wiring issue to the kit anti foam).
- The 2 white wiring shall be connected to the **TAMPER** terminal blocks of the alarm.
- The red wiring shall be connected to the terminal block of the alarm: **POSITIVE 13,8Vcc**
- The black wiring shall be connected to the terminal block of the alarm: **NEGATIVE 13,8Vcc**  
Connecte the black plug, on CN2 (see the picture)

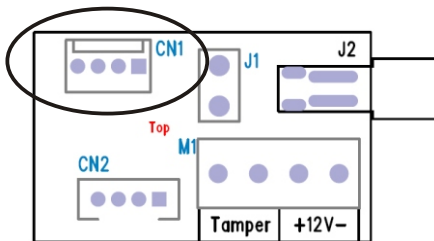


# Kit anti foam for SA310

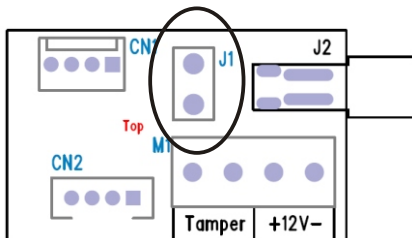
- Connect 4 wiring derived from the central unit and, to the terminal block of kit anti foam.
- 2 TAMPER wiring from the central unit , shall be connected from the central unit to the TAMPER terminal blocks of the kit anti foam.
- The RED wiring from the central unit , shall be connected to the terminal block of the kit anti foam : **POSITIVE +12V**
- The BLACK wiring from the central unit , shall be connected to the terminal block kit anti foam : **NEGATIVE -12V**

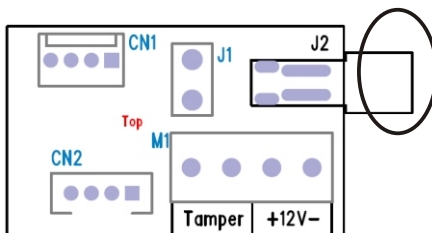


- Connect the wiring with white plug (second cable issue to the kit anti foam) to the **Cn1** connector (see the picture)
- Connect the BLACK faston of the alarm ,with the negative pole of the battery

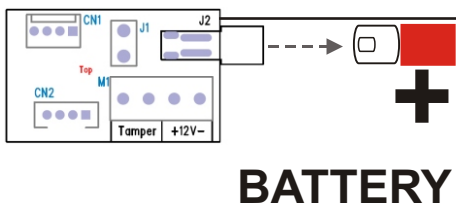


- Connect the RED faston of the alarm ,with **J1** connector placed on the circuit of the kit anti foam .





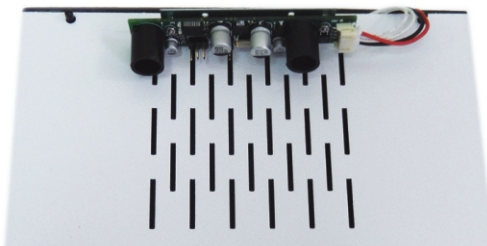
- Connect the 2 faston **J2** of the kit anti foam, with the POSITIVE pole of the battery



- Relocate the battery taking care to position the terminal blocks (+ / -) for the inside the alarm base, and by passing the wiring on the inferior side of the alarm cone (see the picture), so as not to interfere with the cone or with the tamper protection



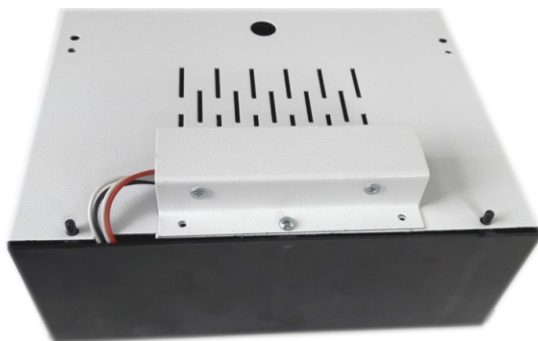
- Close again the alarm with the panel in metal, by passing the wiring sensor anti foam, between the panel and the plastic (see the picture)



- Block anti foam sensor using the set-screw of the metal panel
- Connect the wiring to the anti foam sensor like in the picture

From this moment, **there are 2 minutes to relocate the cover in ABS and close the alarm (time initialisation kit anti foam)**

- At the end of installation, reconnect the zone 24h



## FUNCTIONNING

The anti foam sensor is fitted with 2 leds

- YELLOW LED
- GREEN LED

To the ignition of anti foam sensor, the 2 led flashing all the time, for a time of 2 minutes; during this time, the sensor is not yet in fuction, this let to the installer, to supply the sensor and close again the cover of the alarm, bny blocking with the relative set-screws.

At the end of this 2 minutes, will follow a series of flashing of the YELLOW LED for a time from 10 to 60 seconds; during this time, the sensor executes a calibration must be ensure the there aren't any objects in front of anti foam sensor.

At the end of calibration follows a short ignition of both leds (end of the calibration).

If the calibration is a success, the leds go out and will be observed cyclically a very short flashing of the YELLOW LED every about 3 seconds. This flashing indicates the correct functionality of the anti foam sensor.

To control the correct functionality of the sensor (detection of foam), to put an obstacle in front of the anti foam sensor (ex. piece of paper), at a distance between 0 - 5 cm.

After about 2 seconds, is reported alarm presence foam (GREEN LED fixed and TAMPER contact open 24h).

Removing the obstacle, within 5 seconds the GREEN LED goes out and the contact TAMPER 24h is closed.

If at the end of calibration with the sensor free of any obstacles, the GREEN LED stays on fixed, (detected alarm presence foam), means that the calibration is incorrect and you have to repeat; in this case, disconnect the connector of kit anti foam, waiting for some seconds and reconnect the connector.