

## 1. Description of SIEMENS accessory AGU 2.511



This accessory allows the appliance to vary heating capacity according to a voltage signal (0-10 V) from a programmable logic controller (PLC/ BMS) external from the boiler system.

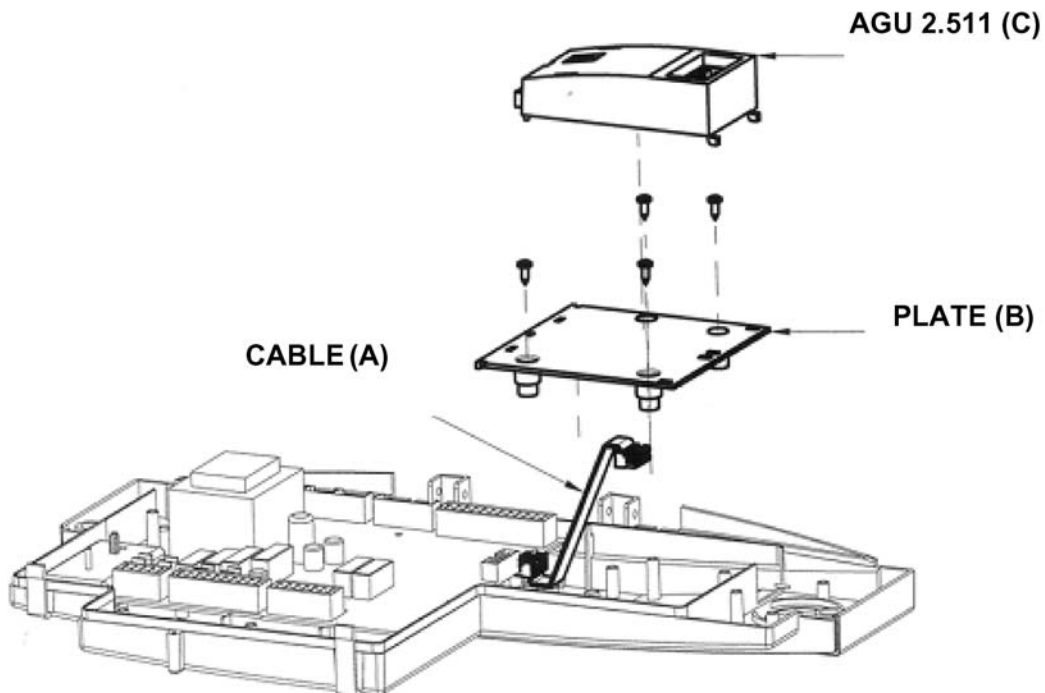
External lights can also be connected to signal a fault or operating status. This can be 240v with loom connected to PCB or voltage free without loom.

## 2. Mounting the 2.511 accessory on the boiler panel.

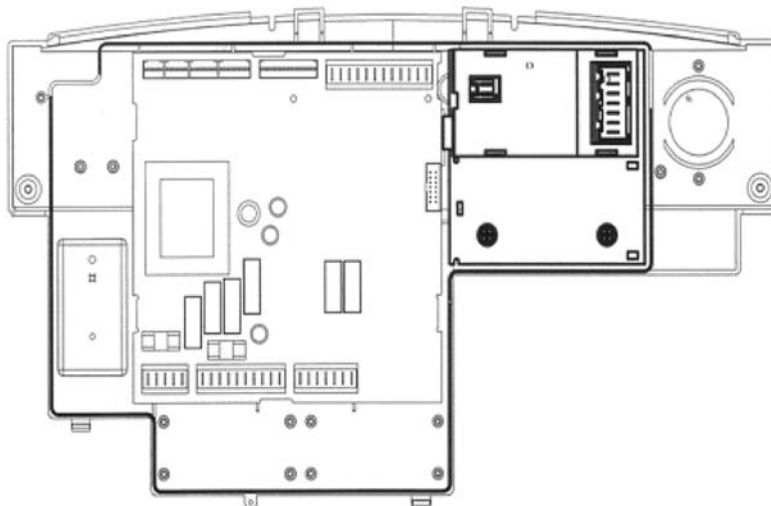
After removing the cover of the control panel, mount the plate (B) supplied with the accessory and then the accessory itself (C).

N.B. to simplify the connection between the accessory and the electronic board, connect cable (A) to the board before fixing it to the plate (B).

To remount the control panel cover, cut the two plastic pegs located near the AGU 2.511.



**Figure 1**



**Figure 1.1**

### 3. Electrical circuit.

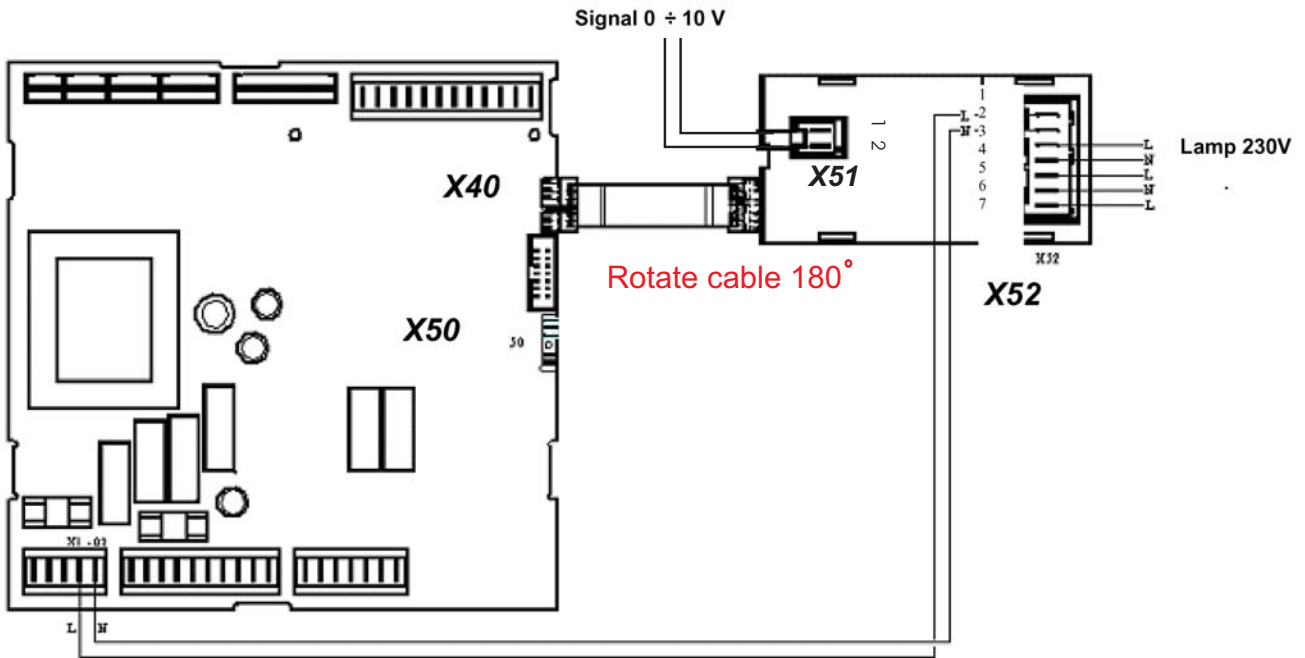
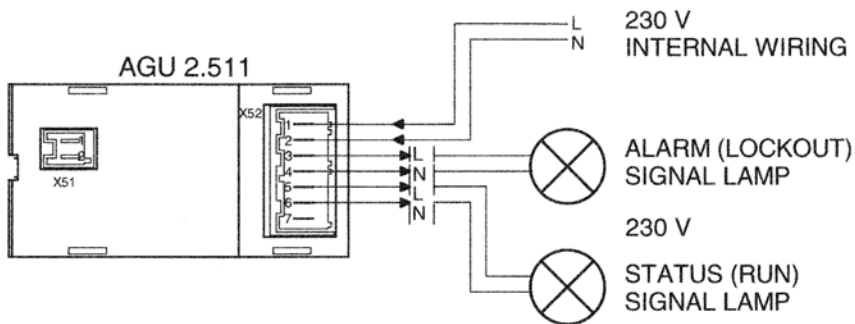
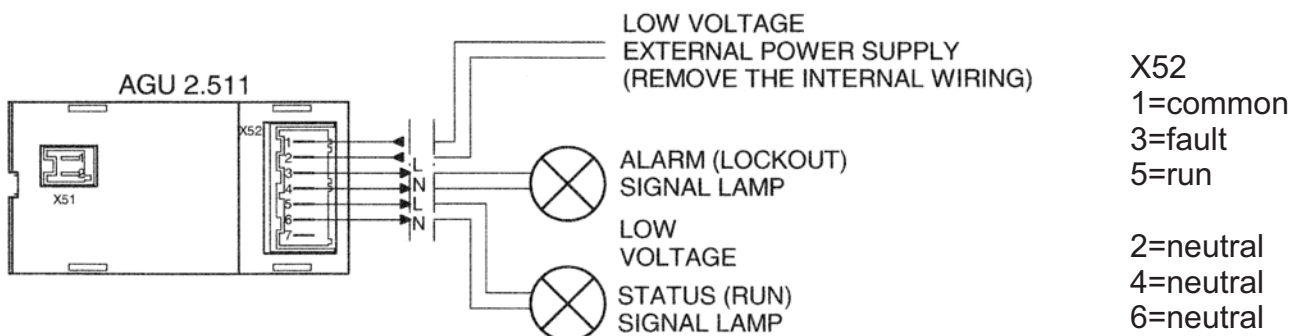


Figure 2

#### 230V (with wiring loom)



#### Low voltage (without wiring loom)



## 4. Electronic board parameter settings.

( This operation must be performed by a professional qualified fitter)

1. Hold down buttons ▼▲ on the boiler panel for at least 6 seconds until the display indicates "-----".
2. Press buttons ▼▲ + - + in sequence: Attention, this procedure accesses the "manufacturer" parameters. Do not modify any parameters apart from those shown below.
3. Press button ▲ to select the parameters in ascending order: press button ▼ to select the parameters in descending order. Press +/- to modify the display parameter:

The changes are automatically saved when a new parameter is selected.

4. Press (i) to save and exit the programming level.

### 5a Selecting 0-10 volt for flow temperature reset.

Parameter	Description	Default	New setting
0618	Input control configuration	0	4. Predefined temperature set point
0622	Maximum Temperature	100	100

### 5b Selecting 0-10 volt for power % output

Parameter	Description	Default	New setting
0618	Input control configuration	0	4. Predefined temperature set point
0623	Percentage level reached by input prior to boiler activation.	5	50

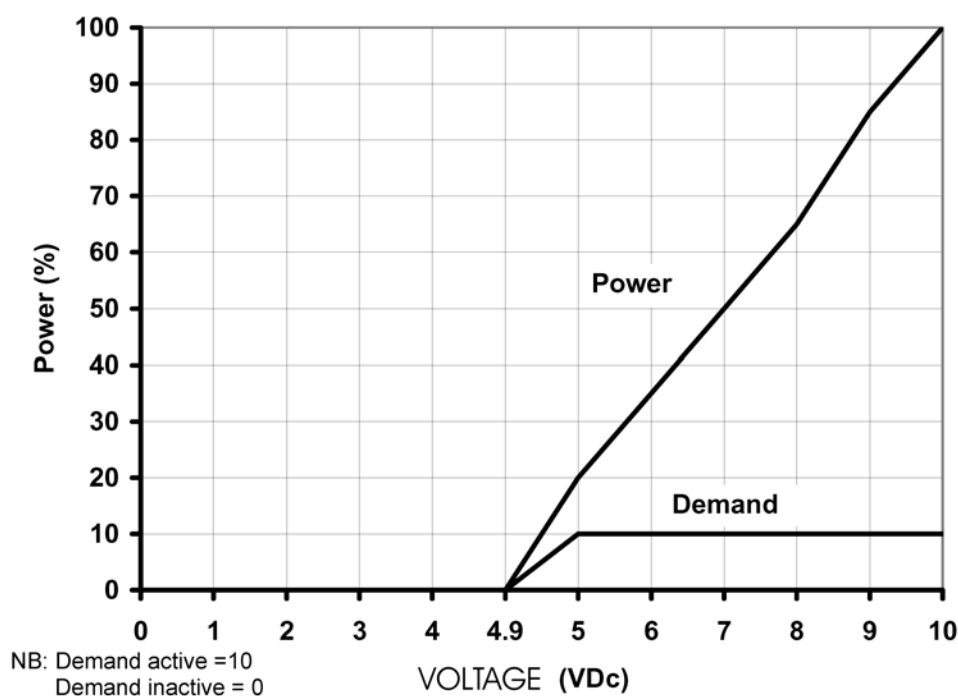


Chart 1: boiler heating performance according to the voltage on the connector (with voltage above 5V).