Wessex Modumax MK3, Stratton MK2 & Varmax
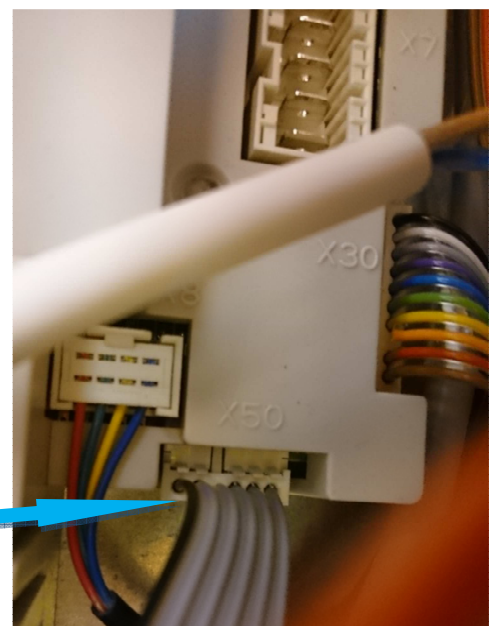# Volt Free Contacts & 230v Switching Fitting Instructions

1   Isolate the power supply to the boiler

2   Fit the AGU2.550A into the front of the Navistem boiler controller as shown below.

3   Fit the purple plug into the X1 connection

4   Disconnect the white lead from the purple connections L (1) & N (2).
    Note: The numbers in the brackets are the terminal numbers indicated on the purple plug
    connection

5   Fit the grey ribbon cable into X50 on the AGU2.550A

6   Fit the other end of the grey ribbon cable into X50 on the Navistem controller as shown
    below.

7   Fit the light grey plug to X2 on the AGU2.550A, no connection to this are required

For VFC Signals

Run/Enabled VFC
For the following conditions.
When the boiler is enabled
When the boiler establishes a flame
The run VFC switches between L (1) & QX21 (7) on the purple plug connections X1 (below)

Fault VFC
For the following conditions.
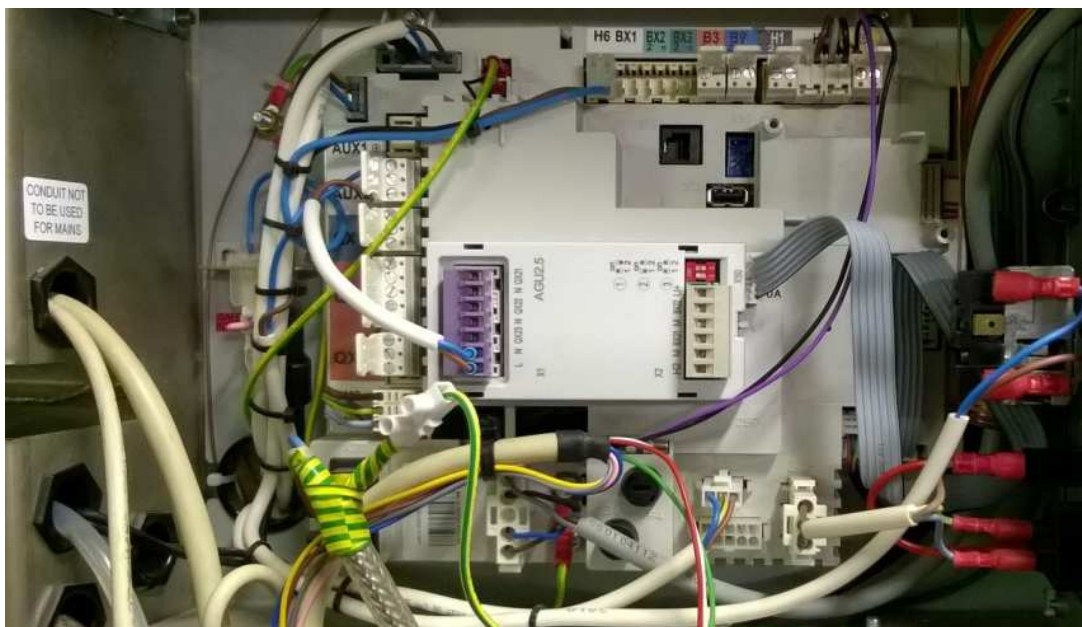E133 flame failure
E110 high limit
E132 low gas pressure
E132 flue or condensate blocked
The fault VFC switches between L (1) & QX22 (5) on the purple plug connections X1 (below)

For Mains Supply 230v Signals

Connect the white lead to the purple plug X1, brown to terminal 1 & blue to terminal 2.
Connect the white plug to AUX 2, on the Navistem controller, as shown below.

Run/Enabled 230v Switching
For the following conditions.
When the boiler is enabled
When the boiler establishes a flame
The run 230v switches between L (1) & QX21 (7) and N (2) & N (6) on the purple plug connections X1

Fault 230v Switching
For the following conditions.
E133 flame failure
E110 high limit
E132 low gas pressure
E132 flue or condensate blocked
The fault 230v switches between L (1) & QX22 (5) and N (2) & N (6) on the purple plug connections X1

Parameters changes not required if used with the Wessex Modumax MK3

Parameter changes required below if used with the Stratton MK2 or the Varmax

Menu	Line No	Description	Setting
Configuration	6020	Function extension module 1	Multifunctional
Configuration	6030	Relay output QX21module 1	Status information K36
Configuration	6031	Relay output QX22module 1	Alarm output K10

The parameters in the LMS is set to acknowledge module No.1 as the VFC outputs
Address the AGU2.5 extension module to module No1, by setting the dip switches to ① as shown below

Please contact the technical department on 01202 662500 if assistance is required.