

# ECOflo

## BMS Interface Kit Fitting Instructions

ECOflo BMS Kit Part Number B329

**Contents:**

- 1 x M2951 BMS Interface
- 1 x M2953 Fitting Instructions

**Installation**

1. Switch off mains supply to the heater
2. At the 24V terminal block remove the BLUE lead going to the ECOflo
3. Fit the FEMALE BLUE lead (1) from the Interface to the now empty 24V terminal
4. Fit the removed BLUE lead to the Interface BLUE lead (2)
5. Connect the Interface GREEN & YELLOW lead (3) to the Earthing terminal.
6. Remove the BLUE lead from the Blower Relay
7. Fit the removed BLUE lead to the RED lead (5) piggyback connector.
8. Fit the RED lead (5) piggyback connector from the Interface to the Blow Relay.
9. Remove the BLACK & YELLOW lead from MV1 of the HSI Control.
10. Fit the BLACK & YELLOW to the BLACK lead (4) from the Interface and refit to the HSI Control.
11. OPTION: If a Time Switch is being fitted, remove the link between 6 & 7 connect in its place.

**Ratings**

- Terminal 6 returns 24V AC from Terminal 7 through a voltage free time switch.
- Terminal 8 & 9 and 10 & 11, Voltage Free. 5A, 230V AC.

**Operation:**

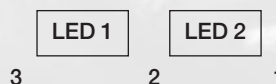
The interface uses the 24V signal from the ECOflo to determine if ignition has been successful or not.

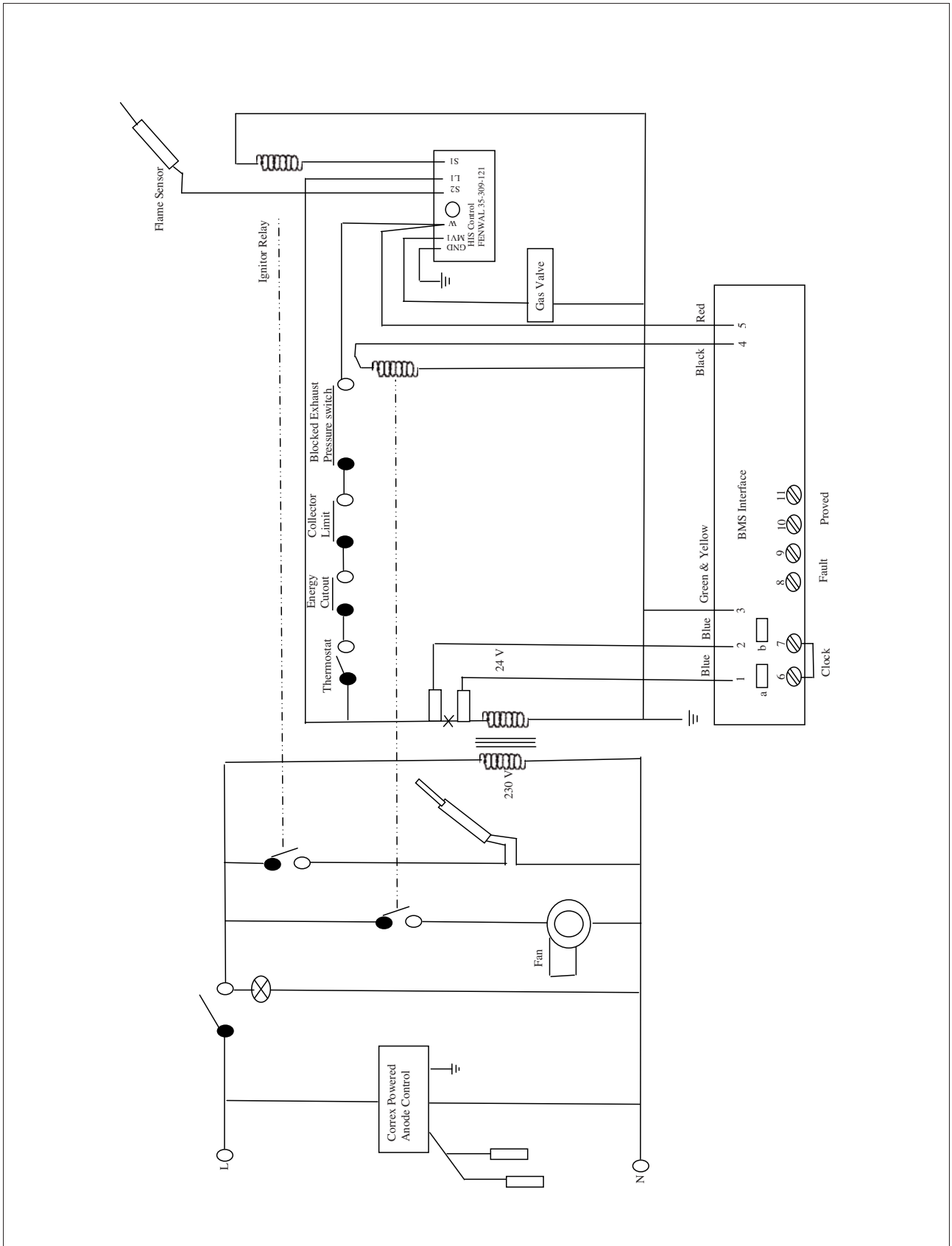
If the appliance suffers ignition failure terminals 8 and 9 are made providing a fault signal, if after three (3) attempts terminals 10 and 11 are made providing a run signal, the appliance can be re-set once the fault has been rectified by switching the ECOflo off and back on again.

**Diagnostics:**

Two LED's are provided on the interface to indicate its various status.

Status	LED1	LED2
Waiting & Powered-up	Off	Off
Powered ignition pending	On	Off
Ignition	On	Flashing
Proved	On	On
Fault	Flashing	Flashing





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