

# BMS ÜÒT UVÒÁÒP ÖÖŠÒÖ KIT - B329

for ECOflo Water Heaters, EC96/380, EC380/1900  
Fitting instructions

1 x M2951 BMS Interface/Remote Enable  
1 x Instructions

## Installation

1. Switch off the Mains supply to the Water 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) male connector.
8. Fit the RED lead (5) female connector from the Interface to the Blower Relay.
9. Remove the BLACK & YELLOW lead from MV1 of the HSI Control.
10. Fit the BLACK & YELLOW lead to the BLACK lead (4) piggyback connector from the Interface and refit to the HSI Control.
11. Peel off the protectors of the 4 sticky back pads on the underside of the Interface and place in a convenient position.
12. **OPTION:** If an Enable Switch is being fitted, remove the link between 6 & 7 and connect it in its place.

## Ratings

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

## Operation

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

If it is not successful terminals 8 and 9 are shorted together.

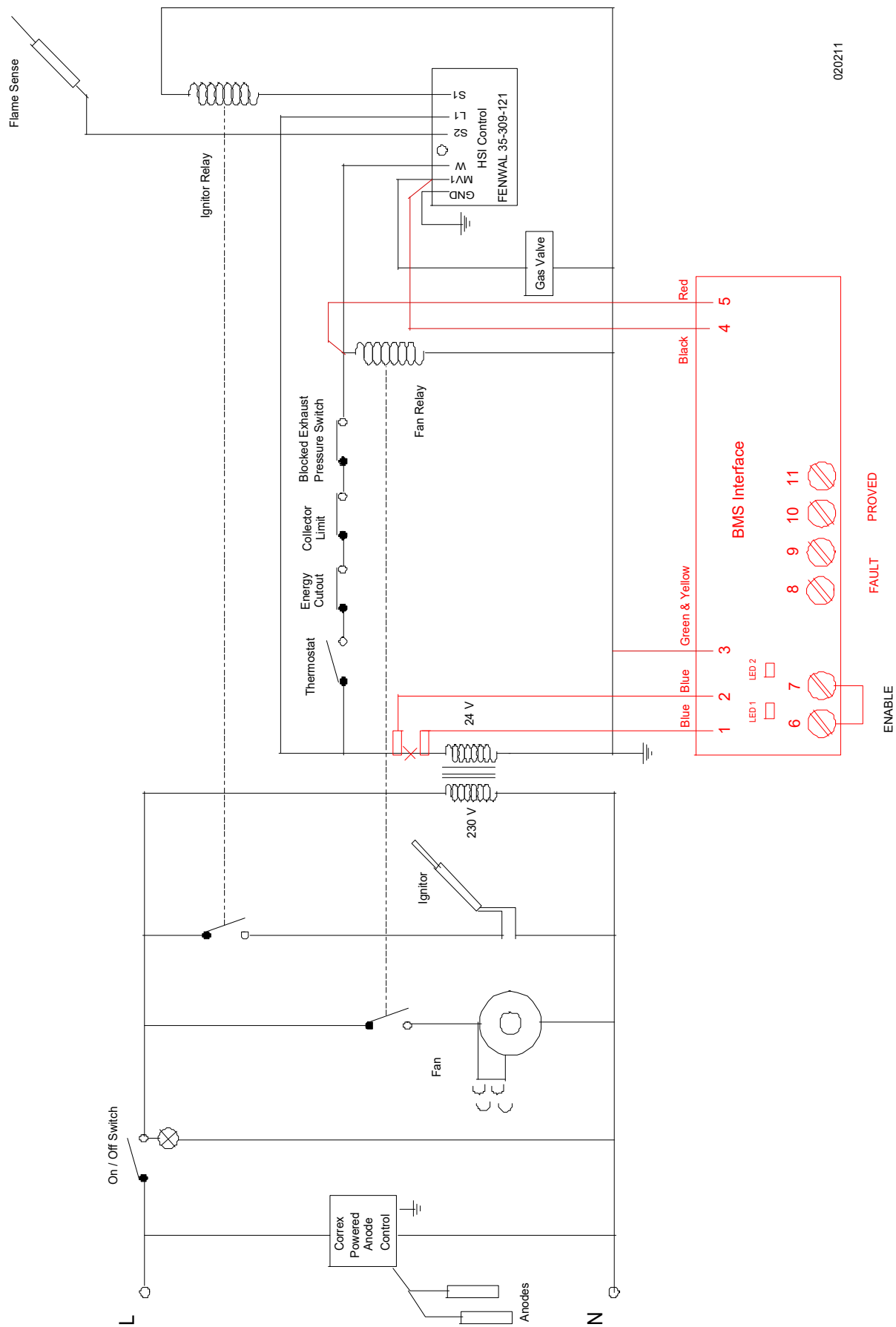
If after three attempts it is not, terminals 10 and 11 are shorted together.

The unit can be reset by switching the ECOflo off and back on again.

## Diagnostics

Two LEDs are provided on the Interface to indicate its various states.

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



Sales 0345 070 1055

Technical 0345 070 1057

Web [andrewswaterheaters.co.uk](http://andrewswaterheaters.co.uk)



[linkedin.com/company/andrews-water-heaters](https://www.linkedin.com/company/andrews-water-heaters)



@AndrewsWH

Registered office address: Baxi Heating UK, Brooks House, Coventry Road, Warwick CV34 4LL

SEPT 2020

Andrews. Built to perform.

## ALL TOGETHER BETTER



BAXI HEATING HAS A PORTFOLIO OF SOME OF THE BEST KNOWN AND MOST RESPECTED COMMERCIAL BRANDS IN THE HEATING INDUSTRY ACROSS THE UK AND IRELAND: • REMEHA, • ANDREWS WATER HEATERS, • POTTERTON COMMERCIAL AND • PACKAGED PLANT SOLUTIONS.

### BAXI HEATING COMMERCIAL BRANDS



- **REMEHA** - ENGINEERING EFFICIENCY SINCE 1935  
Reliably engineering high-performance and high-efficiency heating solutions.
- **ANDREWS WATER HEATERS** - BUILT TO PERFORM  
UK's No. 1 commercial water heaters of choice for quality and reliability.
- **POTTERTON COMMERCIAL** - TOTALLY DEPENDABLE  
Heating solutions that customers can rely on and services they can trust.
- **PACKAGED PLANT SOLUTIONS** - INGENUITY BOXED  
Leading specialists in prefabricated plant rooms from concept to completion.