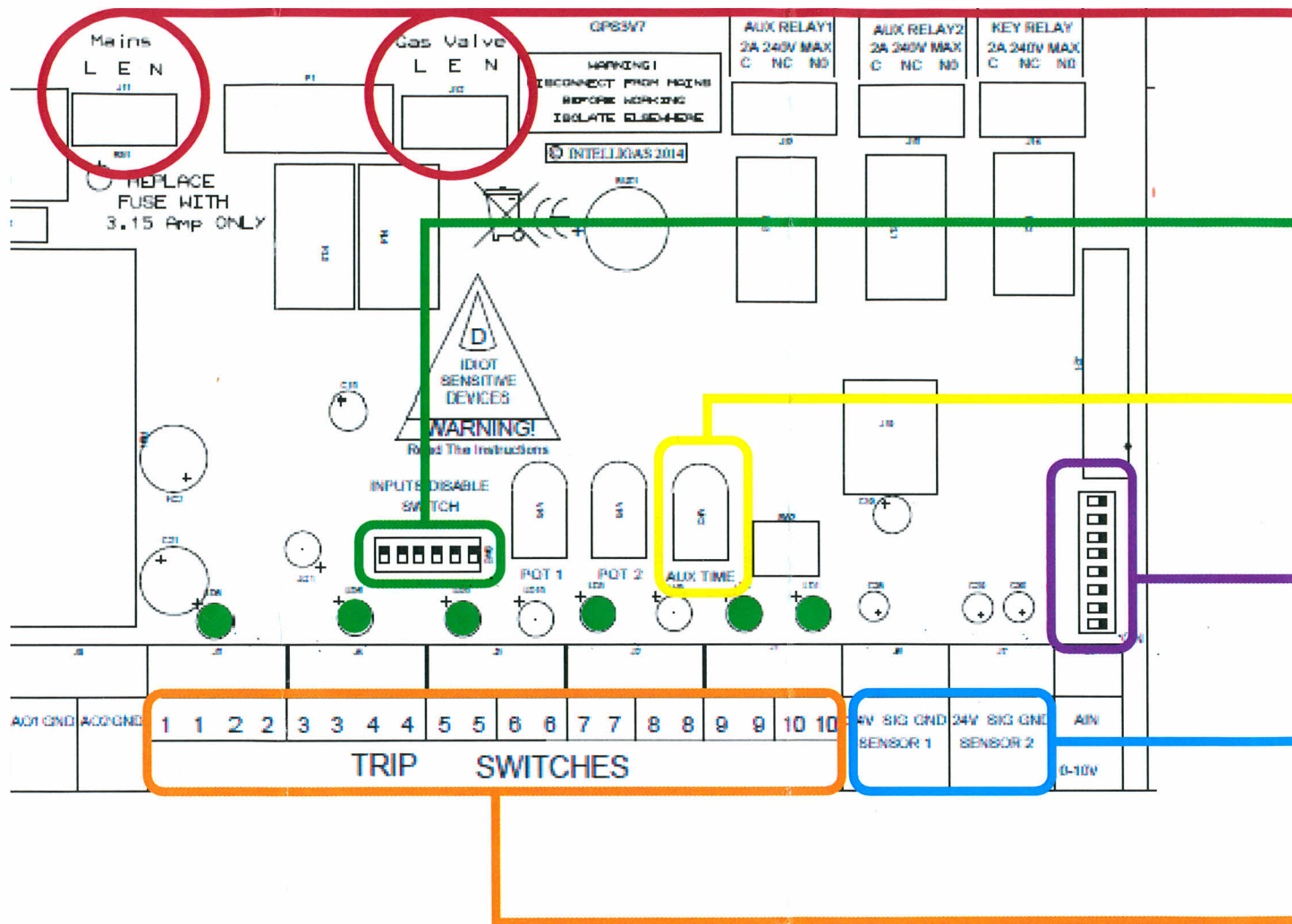




**INTELLIGAS** Gas Safety & Control Systems

## Engineers Pocket Installation Guide

**24 hour Technical Support**  
**0845 004 2496**



SEE NEXT PAGE FOR DETAILED INFORMATION

Live, earth and neutral supply and gas valve output. Only connect a gas valve to the output. No other current consuming device may be connected. supply requirements:-

5A 230v 1Ph 50hz

Peripheral items connections

Gas pressure switch

Use terminals 2 & 3  
(make on pressure rise)

Air pressure switch / current sensor

Use terminals 2 & 3 on an APS or Com  
and N/o on a fan current sensor

Inputs disable switches

Use these dip switches to by pass the interlock inputs, the switches override the interlocks as follows:-

- 1 Emergency stop
- 2 Fire alarm
- 3 Auxiliary interlock
- 4 Extract Fan
- 5 Supply fan
- 6 Gas pressure switch

**These switches are designed to enable fast wiring and are not for use to bypass safety features that are in use.**

The LED's above the interlocks will illuminate to show a "closed circuit" or "satisfied interlock"

This pot enables a delay timer to be set on the auxiliary interlock.

The deflection of the pot is 0 (immediate) up to 5 mins (maximum delay)

Gas sensor input terminals.

Use 24v and gnd to power the sensor and connect sig to the 0-10v output terminal of the sensor head.

Use pot 1 & 2 to set trip level.

Interlock input terminals (all these inputs need to be closed to be satisfied)

1,1 & 2,2 are emergency stop connections  
3,3 & 4,4 are fire alarm connections  
5,5 Auxiliary interlock connections  
6,6 Extract fan pressure switch / current sensor input  
8,8 Supply fan pressure switch / current sensor input  
10,10 gas pressure switch input for gas proving

Terminals 7,7 & 9,9 are early warning terminals when using twin airflow pressure switches, contact technical for advice if you want to use this feature.  
Do not link these terminals.

All Intelligas products are designed to be as flexible and adaptable as possible. We realise that site conditions can vary, even temporarily. These switches can turn certain parts of the software on and off and therefore should be used carefully. Below is a list of what the switches do.

Switch 1 on - gas purge time 6 seconds  
Switch 1 off - gas purge time 3 seconds  
Switch 2 on - gas prove time 60 seconds  
Switch 2 off - gas prove time 30 seconds  
Switch 3 On - purge and prove time extended (doubled)  
Switch 3 off - purge and prove times as selected on switch 1 & 2  
Switch 4 on - gas sensing on  
Switch 4 off - gas sensing off  
Switch 5 on - 2 x detection inputs are used  
Switch 5 off - 1 x detection inputs are used  
Switch 6 - spare  
Switch 7 on - CO2 fan control 0-10v on (AO2)  
Switch 7 off - 10v on start 0v on off (AO2)  
Switch 8 On - BB100 function off (normal)  
Switch 8 off - BB100 function on