



Intelligas EGI-1

Gas Interlock System

The Intelligas EGI-1 interlock system has all the benefits of our well-established 100 series. But it's powered by a built-in microprocessor, which gives it virtually a 0% fail rate. Plus, because it's software-driven, this system can be adapted to perform additional functions - just ask.

Intelligas EGI-1 key features:

- Available as a stand alone panel or in kit form
- Microprocessor controlled gas interlock system BS6173 compliant
- Easy to read user instructions.
- Software-driven processor ensures virtually zero failure rate
- Supplied complete with air pressure switches; software deals with any APS flutter issues
- Wipe clean fascia
- On board emergency stop button that doubles as system on / off switch
- Ample enclosure room to facilitate wiring entries from any direction.
- Easy-to-read LED user display
- Clearly marked terminals for easy installation
- Up to 2 additional emergency stop buttons can be connected directly to the PCB
- Fire alarm interlocks to facilitate connection to the buildings system and an Ansuls or other fire suppression system if required
- The system has the power to supply upto 2, 0-10v sensor heads (CO2, Methane, LPG, O2 etc) and has the ability to interpret these signals into a relay switched output facilitating the emergency control of services via noxious gas detectors.
- Auxiliary interlocks to connect gas detection equipment or noxious gas detectors
- 0-10v inputs and outputs to directly interpret signals from gas detectors or BMS inputs
- Early warning of failed air pressure switch when installed as per instructions
- Software can be written to perform functions other than those listed above, contact us
- 2 year guarantee

What's included in with the EGI?

- 1 x main control panel
- 1 x clear installation instructions
- 1 x emergency stop switch
- 2 x air flow pressure switch
- (requires main gas valve sized to the cookline supply pipework)



Installation

Like others in the line, the EGI series interlock been designed with the installer and user in mind. Clear instructions and indicators of system status are provided on the main panel.

Guarantee

Don't forget that your purchase is fully backed by our guarantee. Firstly, if you're unhappy with the system you can return it within 14 days for a full refund - no questions asked. If you're happy with the system, it is covered for 2 years against faulty parts or workmanship.

To order or for further information please contact Intelligas Ltd:

Telephone: 0845 004 2496 or 07952 269 791



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Technical Specification

Electrical specification:

Supply:	230v / 50Hz / 5a max
Internal Fuse:	3.15a max
Field wiring voltage:	24v DC
Gas valve connection:	230v ac 2a max (24v output available)

Interlock specification:

- 2 x fan sensor interlocks (anti flutter timer on fan sensor interlocks)
- 2 x fire alarm interlocks (connect building fire alarm and Ansuls if required)
- 2 x external emergency stop interlocks (e stop also mounted on fascia)
- 2 x auxiliary interlocks (for time clock interface or extra fans etc)

Fascia specification (including fault reporting):

Label:	reverse printed wipe clean lithographic
System healthy:	green (led 1)
Fan failure:	amber (led 1)
Emergency stop activated:	red (led 1)
Fire alarm active flashing:	red (led 1)
Auxiliary interlock active:	flashing amber (led 1)
System off (stopped):	red (led 2)
Gas on:	green (led 2)

Panel dimensions: W 250 x H 200 x D 100

Overall appearance:



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