

CGS Merlin 1500S Datasheet

Gas Ventilation Interlock & Shut Off



**UL 61010 Listed
Controller**



**Clear LEDs Display
System Indications**



**Keyed ON/OFF
Authority Over
Utilities**



**BMS & Fire Panel
Connectivity**



**Interlock With
Up To 4 Fans**



**Automatic Emergency
Utility Shutdown In
Alarm**



**Front Mounted
Panic Button For
Quick Shutdown**



**Protects kitchen
employees from
exposure to harmful
gases**

Product Overview

The CGS Merlin 1500S controller has been designed and UL listed for commercial kitchens to provide effective life and building safety. Keyed authority control over the gas supply ensures only authorized people can operate the gas supply within the kitchen. CGS gas detectors can be controlled from the 1500S for added safety to protect the kitchen from gas leaks and faulty equipment.

The 1500S incorporates ventilation interlocking, which ensures the gas solenoid cannot be opened unless the ventilation system is proven to be working and working at such a speed that is effective to exhaust the fumes from the appliances. The fans can be monitored through CGS air pressure switches or by means of an additional CGS current monitor.

Additional connections can be made to fire alarms and remote emergency panic buttons to shutdown the gas supply in an emergency condition.

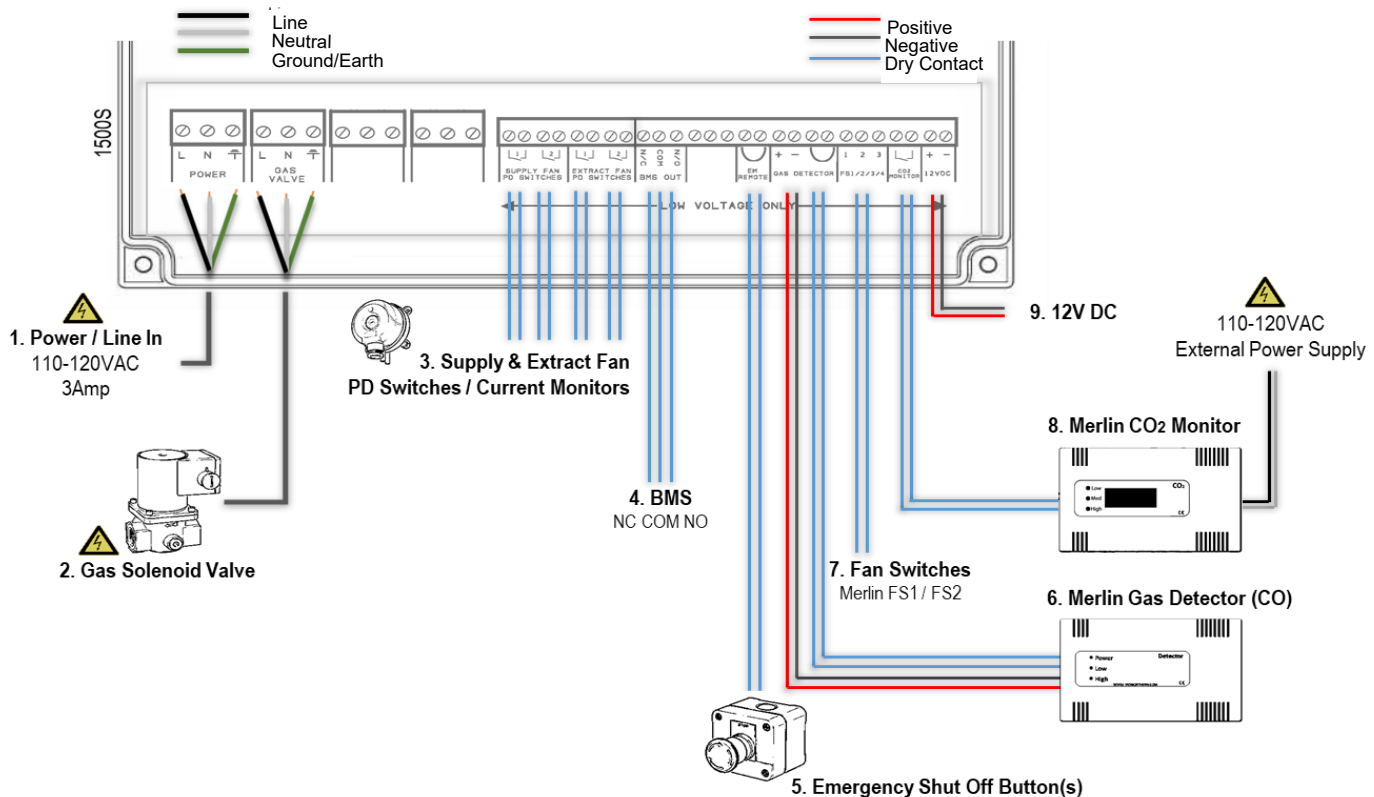
Popular Applications:

- ✓ Keyed utility control with Emergency Shutdown
- ✓ Automatic Isolation Of Utilities Supply Upon Gas Detection, Fire Alarm or Emergency Panic Button Activation
- ✓ Designed specifically for commercial kitchens
- ✓ Carbon Monoxide Monitoring

Product Specifications

General	Installation
Model:	1500S
Visual Indication	LED
Mains Electrical Power Input	110-120VAC
Gas Solenoid Valve Output	110-120VAC
Current Consumption	12W max (50mA) @ 120VAC
Internal Fuse	3.15A
Operating Temperature	32 – 104°F 0-95%RH Non-Condensing
Audible Alarm Buzzer dB	65 dB (300mm distance in quiet conditions)
Internet connection	N/A
Housing Material	Polylac PA-765
Flame Rating	UL 94
UL Approval Reference	E464760
O/All Dimensions (H x W x D) mm / inch	7.08 x 10 x 3.03"

PCB Wiring Specifications



Find out more
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