

CGS1000Si Datasheet

Single Output Gas Feature Controller



**UL 61010 Listed
Controller**



**Clear LEDs Display
System Indications**



**Keyed ON/OFF
Authority Over
Utilities**



**BMS & Fire Panel
Connectivity**



**QR Code For
Quick Access
To Product
Information**



**Automatic Emergency
Utility Shutdown In
Alarm**



**Front Mounted
Panic Button For
Quick Shutdown**



**Automatic Time-Out
Feature (Disabled, 2, 4
or 8 hours)**

Product Overview

The UL 61010 listed Merlin 1000Si Utility Controller gives the user complete automatic control over single or multiple gas features. The key lock ensures that only authorized personnel can operate the utilities. The emergency panic button is shrouded to ensure no accidental shutdowns occur. All the Merlin utility controls come with clearly labeled PCB boards to ensure easy installation. Additional gas detection sensors can be wired to the unit for extra safety.

Built-in connectivity to existing BAS systems and inputs for existing fire alarms make the unit perfect for renovation projects as well as new builds. Dip switches on the reverse side of the front panel allow for on site adjustments of various parameters including how the unit communicates with the BAS system and the system time-out function. External timers can be added to the system to provide a 24/7 digital timed supply of gas.

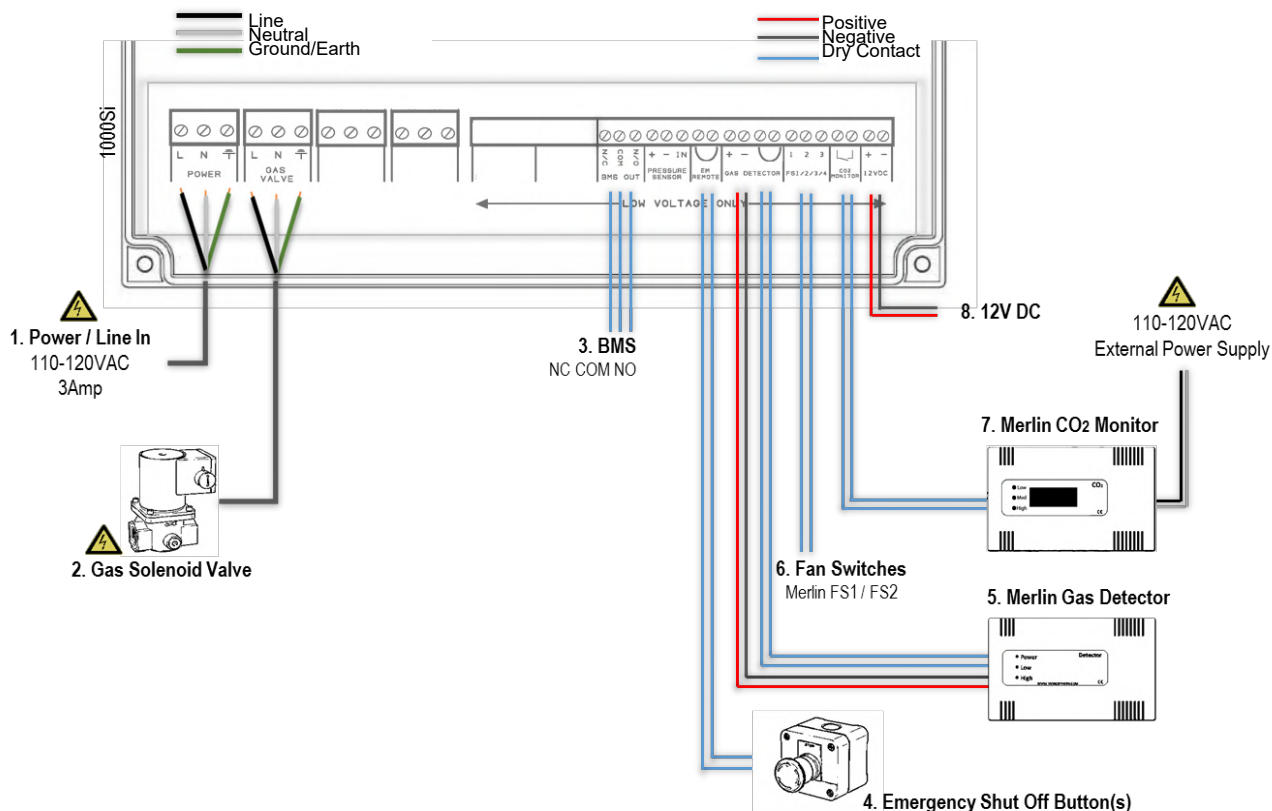
**FLUSH
MOUNT KIT
AVAILABLE**



Product Specifications

| | |
|-----------------------------------|--|
| Model: | Merlin 1000Si |
| Visual Indication | LED |
| Mains Electrical Power Input | 110-120VAC |
| Gas Valve Output | 110-120VAC |
| Current Consumption | 12W max (50mA) @ 120VAC |
| Internal Fuse | 3.15A |
| Gas Valve Output | 3.15A |
| Operating Temperature | 32 - 104°F 0-95%RH Non-Condensing |
| Audible Alarm Buzzer dB | 65 dB (300mm distance in quiet conditions) |
| Housing Material | Polylac PA-765 Flame Retardant |
| Flame Rating | UL 94 |
| UL Approval Reference | UL 61010-1 E464760 |
| O/All Dimensions (H x W x D) inch | 7.08 x 10 x 3.03" |
| Language: | English |

Merlin 1000Si Wiring Example



Find out more
Canadian Gas Safety Inc
www.canadiangassafety.com

Head office: 150 King Street West Suite 200,
Toronto, ON M5H 1J9
Tel: (647) 577-1500
Email: info@canadiangassafety.com

