



Key Features

- Single or multiple gas features can be controlled thru one Merlin controller
- Key lock for authorization control
- Easy to use clear LED status display
- Built-in connectivity to existing BAS and fire alarms
- Additional external gas detection sensors available
- Panel mounted panic button shuts off all gas features

Overview

The Merlin 1000Si utility control panel 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 labelled 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 build. Dip switches on the reverse side of the facia panel allow for onsite 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.

DESIGN IDEAS



Basic ON/OFF Control



Programmable Timer Schedule



Programmable Timer Schedule
With Independent Appliance Control



info@canadiangassafety.com



www.canadiangassafety.com



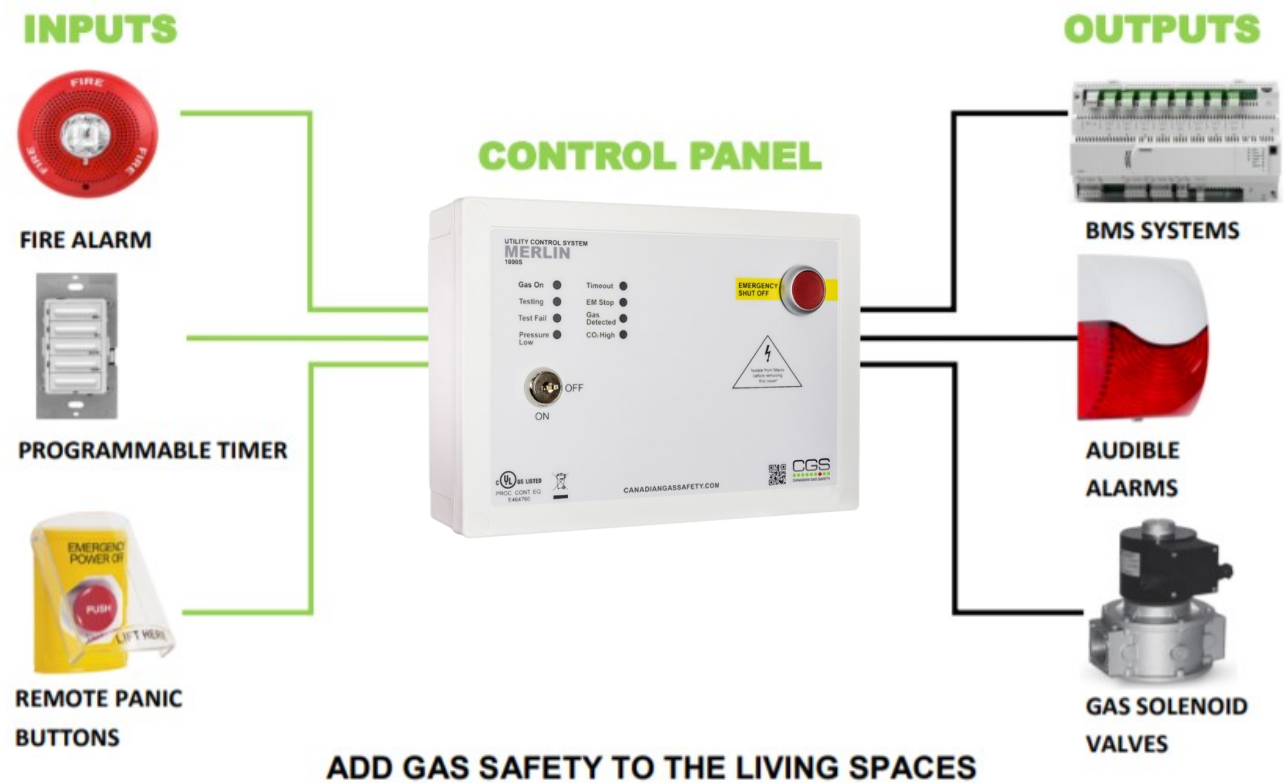
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Merlin Gas Feature Control

Technical Specifications

Power Supply	110-120vac, 50/60HZ
Protection	Overvoltage, overcurrent, surge protection (3amp)
Enclosure	Wall mounted Fully UL certified enclosure. Flush Mount kit available.
Dimensions	W: 10 1/16" x H: 7 1/16" x D: 3 1/16"
Utility 1 Control Signal Output	110-120vac, 50/60HZ
BAS Output	N/C COM N/O - Max 1A @ 120vac
EM Stop Input	Dry Contact*
Gas Sensor Power Output	24VDC
Gas Sensor Signal Input	Dry Contact
CO ² Monitor Signal Input	Dry Contact*
Adjustable Time-out period	2 hour, 4 hour, 8 hour or disabled
Adjustable BAS Signal Output	Alarm "on" or Gas "on" / Gas "off"

ADAPTABLE INPUTS AND OUTPUTS TO SUIT ANY GAS FEATURE DESIGN



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