



Features:

- UL 61010 Listed Controller
- Keyed ON/OFF Authority Over Utilities
- QR Code for quick access to product information
- Front Mounted Panic Button For Quick Shutdown
- Clear LEDs Display System Indications
- BMS & Fire Panel connectivity
- Automatic Emergency Utility Shutdown In Alarm
- Automatic Time-Out Feature (Disabled, 2, 4 or 8 hours)

Product Overview

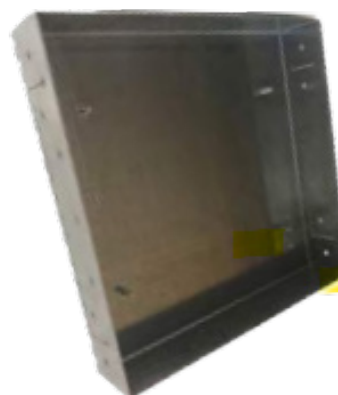
The UL 61010 listed Merlin 1000SW+i Laboratory Utility Controller has been designed specifically for use in School and University Laboratories. The Merlin 1000SW+i is designed to give the teacher full control over the incoming gas supply with the lockable key-switch operation & touch buttons. In built connectivity allows for connection to existing fire alarm and building management systems and with its easy to use system status panel and labeled PCB the Merlin 1000SW+i is easy to install and to operate.

The Merlin 1000SW+i can work in conjunction with carbon dioxide, natural gas, carbon monoxide and LPG sensors. The Merlin 1000SW+i also has a built in “timeout” facility which will automatically shut off the gas solenoid valve at the end of a specific time period, this time period can be adjusted to 2, 4, 8 hours or can be overridden if required.

Popular Applications:

- K-12 and Higher Education Science Classrooms
- Automatic Isolation Of Gas Supply Upon Gas Detection, Fire Alarm or Emergency Panic Button Activation
- Designed to meet NSTA guidelines & ICC Code.
- Keyed Utility Control with Emergency Shutdown

Flush Mount Kit Available



Product Specifications

Model:	Merlin 1000SW+i
Visual Indication	LED
Mains Electrical Power Input	110-120VAC
Utility Output 1	110-120VAC
Utility Output 2	110-120VAC
Utility Output 3	110-120VAC
Current Consumption	12W max (50mA) @ 120VAC
Internal Fuse	3.15A
Utility Outputs 1 / 2 / 3	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 1000SW+i Wiring Example

