

AGS1000SW+i Datasheet

Triple Output Utility Control



**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 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:

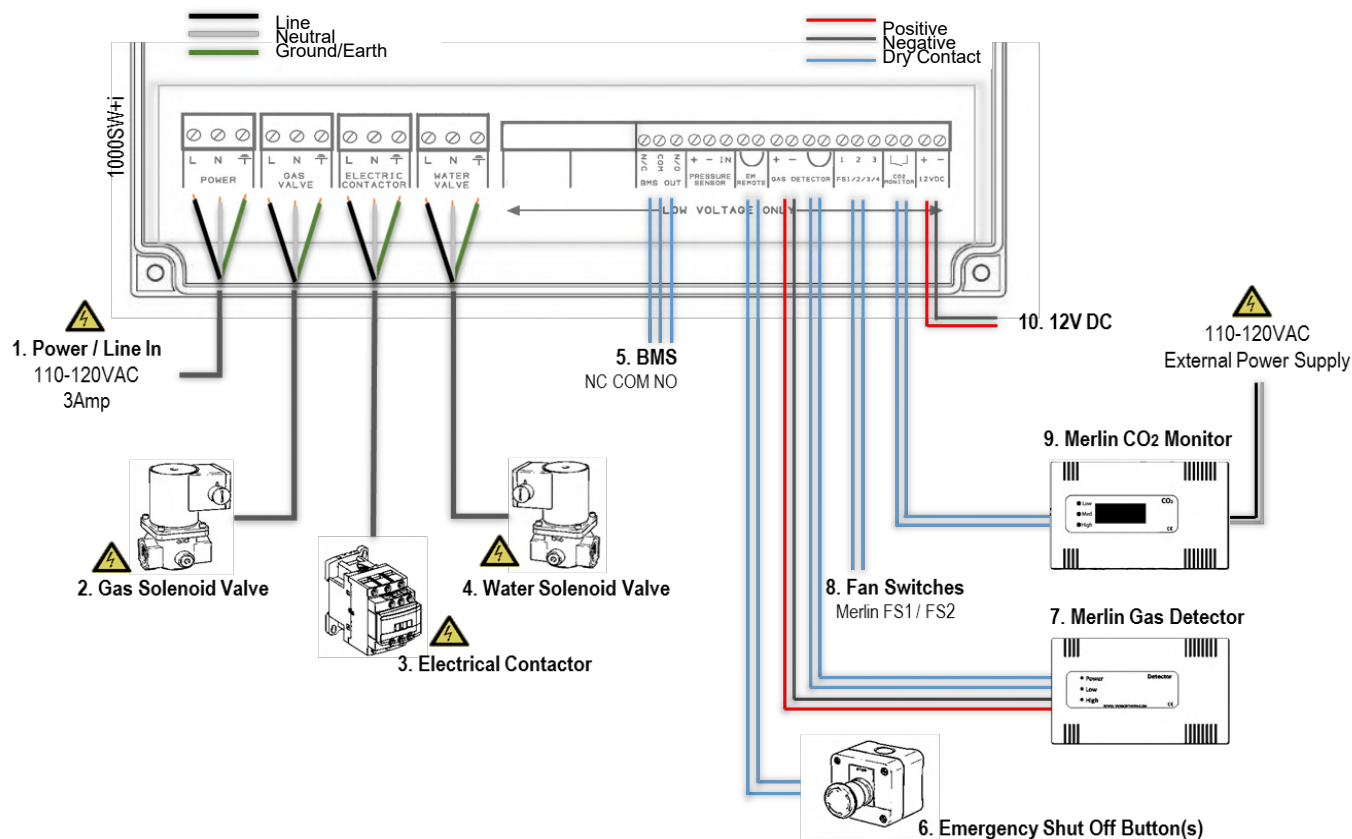
- ✓ K-12 and Higher Education Science Classrooms
- ✓ Automatic Isolation Of Utilities Supply Upon Gas Detection, Fire Alarm or Emergency Panic Button Activation
- ✓ Designed to meet NSTA guidelines & ICC Code.
- ✓ Keyed Utility Control with Emergency Shutdown



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



Find out more

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