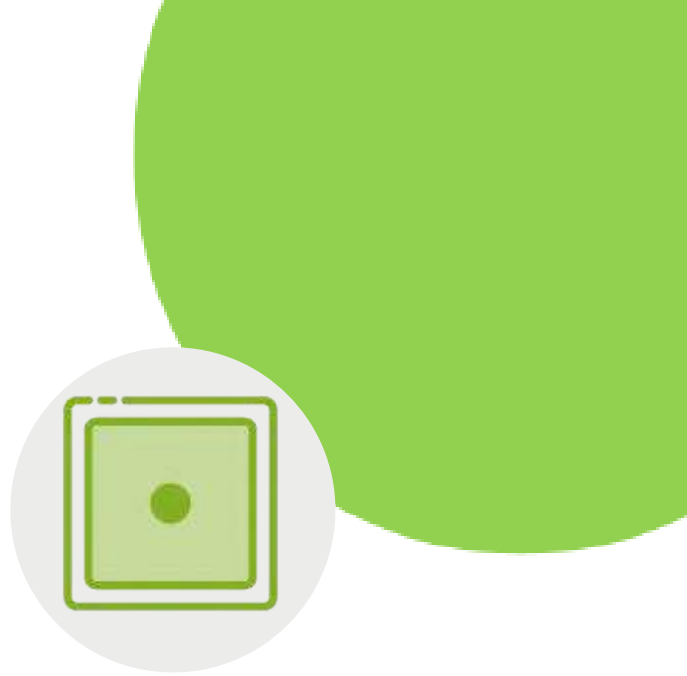


# AGS Merlin FAM1 Datasheet Manual Re-set Control



## Product Overview

The Merlin FAM1 panel is designed to provide the user with an effective means of re-setting the gas supply after a fire alarm. With the convenience of locating the manual reset function anywhere in the building, making it easily accessible to facilities personnel, whilst ensuring only authorized personnel can perform the reset function.

The FAM1 provides a 110V 3Amp output to energizes gas supply solenoids and requires a keyed re-set to re-energize the output only after the fire alarm signal is removed. There is no limit to the distance between the FAM1 and the gas supply solenoids.

The unit provides a clear status of the gas supply and a convenient auto shut off button.

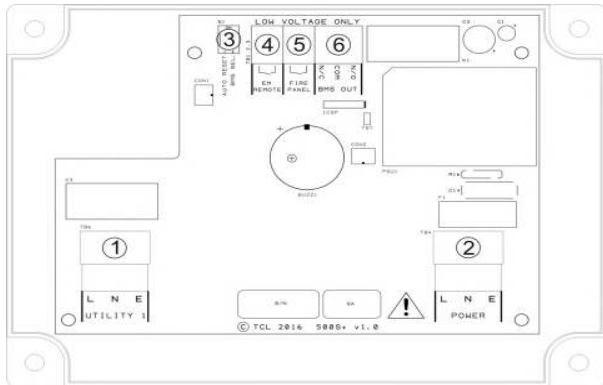
Internal dip switches provide options for auto re-set functionality after a power cut and for BAS connectivity.

## Product Specifications

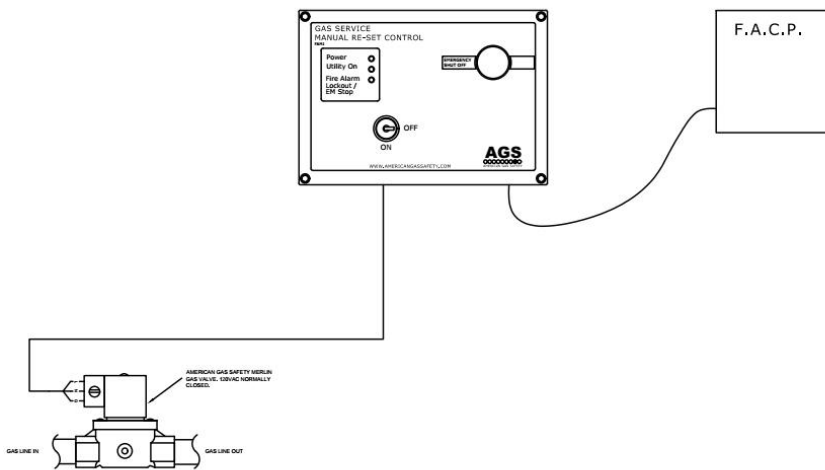
Power Supply	110-120VAC
Utility Output	110-120VAC
Enclosure	Wall mounted or flush mount kit available
Dimensions	Width: 7 1/2" Height: 5 1/2" Depth: 2 3/8"
BAS Output	N/C COM N/O - Max 1A @ 120VAC
EM Stop Input	Dry Contact*
Fire Alarm Input	Dry Contact*
Internal Fuse	3.15A
Adjustable BAS Signal Output	Alarm "ON" or Utility "ON" / Utility "OFF"

\*Dry Contact. Do not connect any device which generates a separate source of voltage on this circuit. Any voltage applied to these connections will damage the microcontroller.

## Circuit Board Overview



- (1) Power Output - 110-120VAC, 50-60Hz
- (2) Mains Input 110-120VAC, 50-60Hz
- (3) Auto Reset & BMS Selection Dip Switches
- (4) Remote Emergency Panic Buttons (purchased separately) **Dry Contact Input**
- (5) Fire panel (supplied by others). **Dry Contact Input**
- (6) BMS output contacts. Normally Closed, Common and Normally Open



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