



FLAv2 Submittal

ISIMET JOB #: _____

Equipment Specifications Model #:

Hardware Options:

Circuit(s) Output:

LV (24VDC)

Control Options:

P (Push Button)

Mounting Options:

F (Flush Mount) S (Surface Mount)

Add Clear Cover to Emergency Shut-Off Button (C) C



FLAv2



OGC

Add Outdoor Grill Controller (OGC): OGC

Mounting Options: Flush Mount Surface Mount

Control Options: Push Button Key Switch

Additional Options: Clear Cover Weatherproof

Add Gas Valve for Grill Valve Assembly Standalone Solenoid*

(*Standalone Gas Valve without Enclosure)

Gas Solenoid Size:

1/2" (DN15) 3/4" (DN20) 1" (DN25)

1 1/4" (DN32) 1 1/2" (DN40) 2" (DN50)

Gas Valve Options:

Y-Strainer Unions Ball Valve

Project Owner:

Project Name:

Project Address:

Notes:

Additional Options¹: (These options will require a separate line item and/or submittal to be processed.)

Add Solenoid Gas Valve for FLA No Enclosure S-Series Enclosure

Gas Solenoid Size: Surface Flush

1/2" (DN15) 3/4" (DN20) 1" (DN25)

1 1/4" (DN32) 1 1/2" (DN40) 2" (DN50)

Gas Valve Options:

Y-Strainer Unions Ball Valve

Add E-Series (Electrical Contactor) E-Series

Electrical Contactor Manufacturer:

Eaton Square D

Number of Electrical Contacts:

4 6 8 10 12

Add Emergency Shut-Off Button (IPO): IPO w/Cover QTY:

Add ISIMET Fuel Gas Sensor (FGS): FGS QTY:

Add IRE (120V/24V) Relay with Box: IRE

Inputs (Dry-Contact):

Outputs:

- Gas Detector + 24VDC Output Power (For ISIMET's FGS only)
- Carbon Monoxide + 24VDC Output Power (For an Approved CO Detector Only)
- EMS/BMS (Building Energy Management System)
- Alarm (Building/Fire Alarm)
- Emergency Button (Remote Emergency Shut-Off Button)
- Remote Operator Input
- Gas Pressure Transmitter + 24VDC Output Power

- Circuit #1 and Circuit #2: 24VDC @ 60W Max
- Panic Output (24VDC)
- Panic Output (Dry-Contact)

Model Numbers:

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(F or S) F: Flush Mount S: Surface Mount	(C) C: Clear Cover
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(Mounting Option) F: Flush Mount S: Surface Mount	(Start Option) P: Push Button K: Key Switch	Additional Options C: Clear Cover W: Weatherproof
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¹ These options are common additions to ISIMET's FLAv2. For basic configurations shown, an additional submittal is not required. If more options or configurations are required and not listed here, then a corresponding submittal must be filled out instead. Please use the notes field for



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Configuration Options²:

Panic Output (Output Signal enabled on Emergency):

- Panic Output is enabled with Active Emergency [Default]
- Momentary (3s) Panic Output with Active Emergency
- Always ON except with Active Emergency

Circuit Configuration:

- Circuit #1: Standard Control
Circuit #2: Outdoor Grill Controller with Timeout Features [Default]
- Circuit #1: Standard Control
Circuit #2: Always on except for an Emergency
- Circuit #1 and Circuit #2 are both controlled by the push button

Remote Operator (Grill Controller) Timing:

After initialization, the Remote Operator will timeout after:

- 2 hours
- 4 hours
- 8 hours

Appliance Runtime (First Key Timing) or EMS/BMS:

- First Key Timing Enabled
 - 2 hours
 - 4 hours
 - 6 hours
 - 8 hours (Default)
 - 10 hours
 - 12 hours
 - 14 hours
 - 16 hours
 - 18 hours
- EMS Active OFF (Input signal will turn OFF Circuits) [Default]
- EMS Active ON (Input signal will turn ON Circuits)

FLAv2

Input	100-240VAC (50/60Hz) Line Voltage
Solenoid Output	24VDC Output (Max 60W)
24V Panic Output	24VDC Panic Output (Max 10W)
Overcurrent Protection	Short-Circuit Protection (No Fuses)

² This configuration page shows the field configuration options for the FLAv2. This can be left blank and will be shipped with the default configuration. Changes can be made to the FLAv2 configuration at any time in the field.