



# LA<sub>v2</sub> Submittal

## Equipment Specifications Model #:

### Hardware Options:

#### Circuit(s) Output:

- HV (120VAC)       LV (24VDC)

#### Control Options:

- K (Key Switch)       P (Push Button)

#### Mounting Options:

- F (Flush Mount)       S (Surface Mount)

#### Switch Options:

- 1 (1-Switch)       2 (2-Switches)

#### Switch 1 Label\*:

- |  |   |   |                                     |
|--|---|---|-------------------------------------|
| <input type="checkbox"/> E (Electric)  | <input type="checkbox"/> G (Gas)        | <input type="checkbox"/> W (Water)          | <input type="checkbox"/> F (Fan)    |
| <input type="checkbox"/> H (Hot Water) | <input type="checkbox"/> C (Cold Water) | <input type="checkbox"/> A (Air)            | <input type="checkbox"/> Ar (Argon) |
| <input type="checkbox"/> V (Vacuum)    | <input type="checkbox"/> U (Utilities)  | <input type="checkbox"/> T (Teacher's Desk) | <input type="checkbox"/> O (Oxygen) |

#### Switch 2 Label\*:

*\*Custom Options Also Available*

- |               |                |                    |            |
|---------------|----------------|--------------------|------------|
| E (Electric)  | G (Gas)        | W (Water)          | F (Fan)    |
| H (Hot Water) | C (Cold Water) | A (Air)            | Ar (Argon) |
| V (Vacuum)    | U (Utilities)  | T (Teacher's Desk) | O (Oxygen) |

#### Optional Add-Ons: *(These options will require a separate line item and/or submittal to be processed.)*

- Add Clear Cover to Emergency Shut-Off Button (C)**       C
- Add Emergency Shut-Off Button (IPO):**       IPO      w/Cover
- Add ISIMET Fuel Gas Sensor (FGS):**       FGS
- Add Gas Pressure Transmitter (PT):**       PT
- Add Split-Voltage (120V/24V) Relay (SV):**      SV

#### Inputs (Dry-Contact):

- Gas Detector + 24VDC Output Power
- Carbon Monoxide + 24VDC Output Power
- EMS/BMS (Building Energy Management System)
- Alarm (Building/Fire Alarm)
- Emergency Button (Remote Emergency Shut-Off Button)
- Fan Interlock (NC Dry-Contact when Exhaust Fan is Off)
- Gas Pressure Transmitter + 24VDC Output Power

#### Outputs:

- Circuit Outputs:
- HV - 120VAC
- LV - 24VDC
- Panic Output (24VDC)
- Panic Output (Dry-Contact)

#### Model Number:

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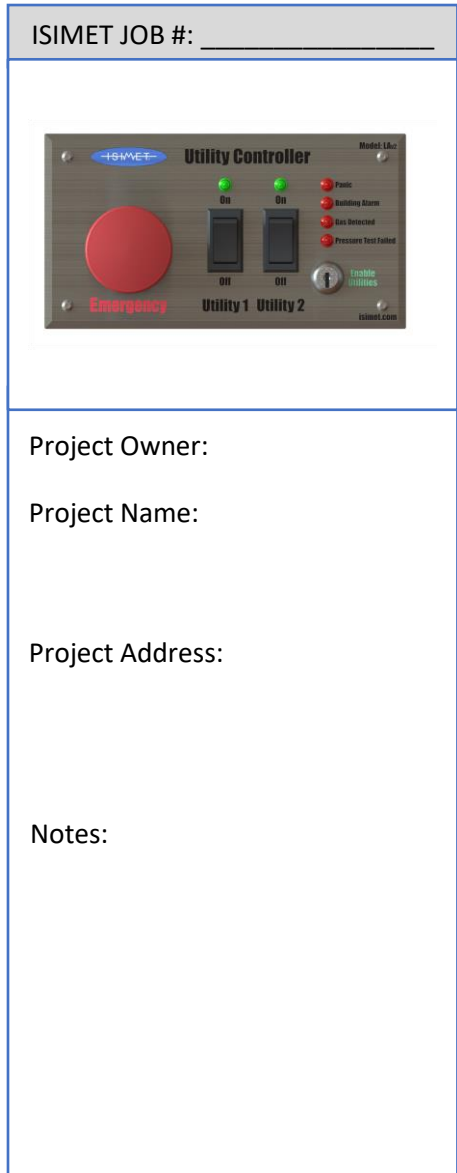
<b>(HV or LV)</b> HV: 120VAC Output LV: 24VDC Output	<b>(K or P)</b> K: Key Switch P: Push Button	<b>(F or S)</b> F: Flush Mount S: Surface Mount	<b>(1<sup>st</sup> Switch Label)</b> E: Electric G: Gas W: Water F: Fan T: Teacher's Desk U: Utilities	<b>(2<sup>nd</sup> Switch Label)</b> X: No 2 <sup>nd</sup> Switch E: Electric G: Gas W: Water F: Fan T: Teacher's Desk U: Utilities	<b>Additional Options</b> C <sup>1</sup> : Clear Cover SV <sup>2</sup> : Split-Voltage PT <sup>3</sup> : Pressure Transmitter FGS <sup>3</sup> : Fuel Gas Sensor
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<sup>1</sup> Adds a Clear Cover to the Emergency Shut-Off Button

<sup>2</sup> Adds a relay to control 120VAC with -LV Only

<sup>3</sup> Adding PT or FGS will add additional red LED indicators on the front panel of the Controller as follows:

- PT: Gas Pressure Test Failed
- FGS: Gas Leak Detected



Project Owner:

Project Name:

Project Address:

Notes:



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### Configuration Options:

#### 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:

- Switches 1 & 2 operate independently to control their respective outputs (Default)
- Switch 1 is Standard and Switch 2 is a FAN Control
- Single Switch Only that controls both circuit outputs

#### Circuit Timing:

- No Timing (Default)
- Circuits 1 & 2 Timeout after                      1 hour                      2 hours                      3 hours
- Circuit 2 Fan Timer and times out after            15 minutes            30 minutes            1 hour

#### First Key Timing or EMS/BMS:

- First Key Timing Enabled (Default)                      8 hours (Default)    10 hours                      12 hours
- EMS Active OFF (Input signal will turn OFF Circuits)
- EMS Active ON (Input signal will turn ON Circuits)

	<b>LA-HV</b>	<b>LA-LV</b>
<b>Input</b>	120VAC (60Hz) Line Voltage	100-240VAC (50/60Hz) Line Voltage
<b>Solenoid Output</b>	120VAC Output (Max 240W)	24VDC Output (Max 60W)
<b>24V Panic Output</b>	24VDC Panic Output (Max 10W)	24VDC Panic Output (Max 10W)
<b>Overcurrent Protection</b>	120V – 2x 2A Fuses	Short-Circuit Protection (No Fuses)