



LA_{v2} Submittal

Equipment Specifications Model #:
LA-(HV/LVL)-(K/P)-(F/S)

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*:

- 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)

**Custom Options Also Available*

Switch 2 Label*:

- 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)

**Custom Options Also Available*

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

Model Number:

LA_{v2} - - - - -

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

² Adds a relay to control 120VAC with -LV Only

³ 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

ISIMET JOB #: _____



Project Owner:

Project Name:

Project Address:

Notes:

Outputs:

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



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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)

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