## SCC Inc.

### **Wiring Instructions**

Document No. LME-1111

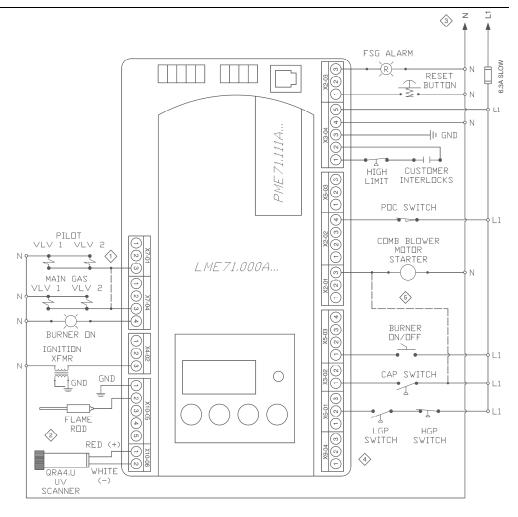
November 1, 2013

### LME71.111AxPKG

Single burner controller with programmable purge time.

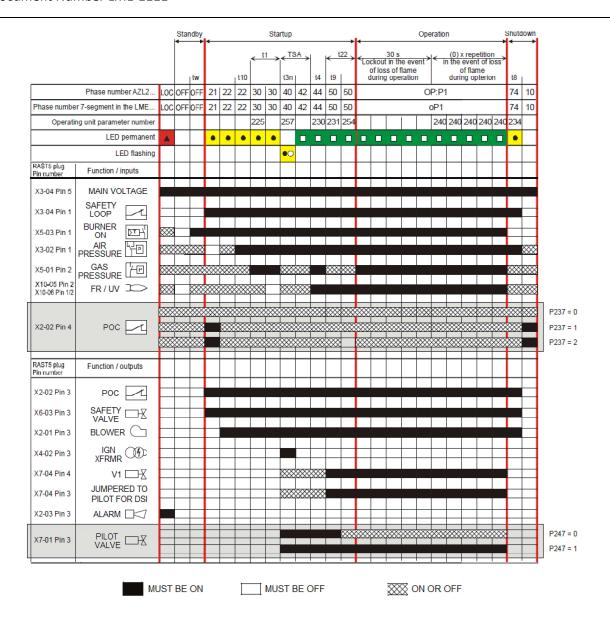
LME71.111A1PKG (110V) consists of; LME71.000A1, PME71.111A1, AGG3.710

## Wiring schematic



#### **Notes**

- 1 Jumper between X7-01-3 and X7-04-3 for direct spark ignition.
- ② Wire flame rod or UV scanner (QRA4.U), not both.
- ③ 120V 50/60 (LME71.000A1); 230V 50/60 (LME71.000A2).
- 4 Do not connect wires to any unused terminals.
- When LME7 isn't controlling combustion air blower, wire combustion air switch between X2-01-3 & X3-02-1. Be sure to remove X2-01-3 to N, and X3-02-1 to L1.



# Sequence of Operation

#### DISPLAY

- 1. OFF Standby, waiting for call for heat
- 2. P21 Test; combustion air switch open, POC closed
- 3. P22 Combustion air blower on, Test; combustion air switch closed
- 4. P30 Purge (parameter 225), Test; gas pressure switches closed
- 5. P40 Trial for ignition (parameter 257)
- 6. P42 Flame detection (spark off, pilot stands alone)
- 7. P44 Pilot stabilize time (parameter 230)
- 8. P50 Main and pilot overlap time (parameter 231)
- 9. oP1 Operate, main on, pilot off

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