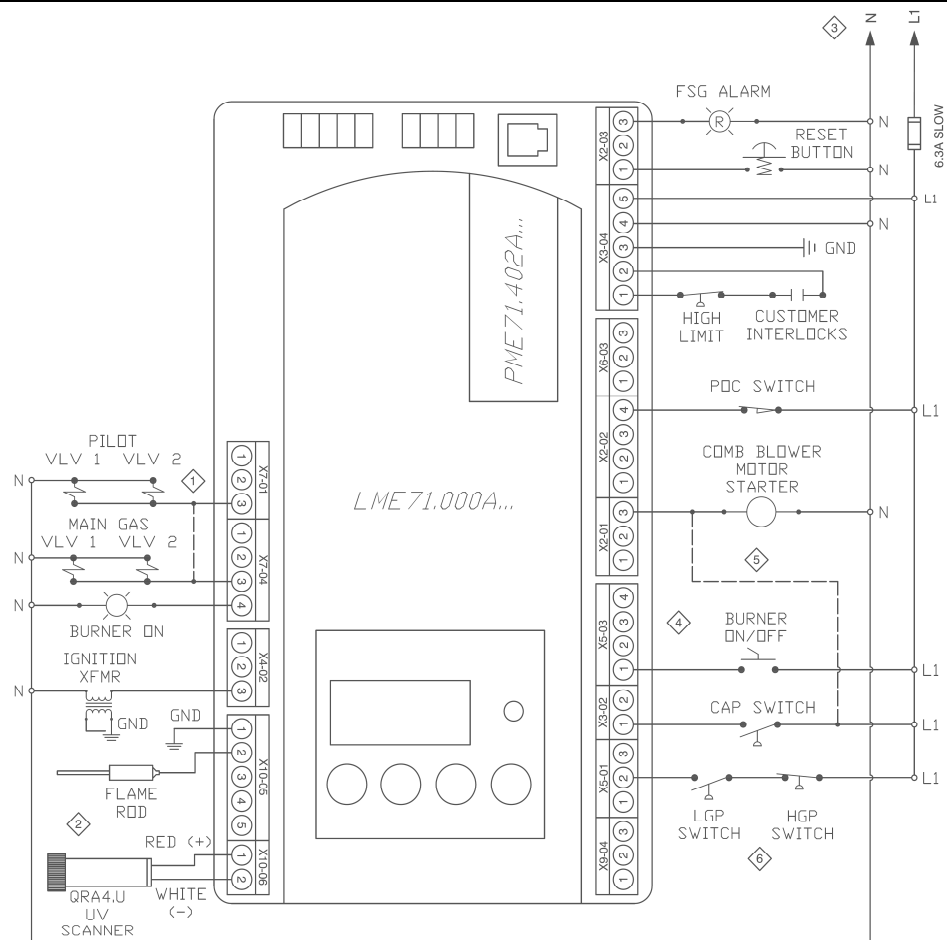


## LME71.402AxPKG

Single burner controller, with programmable purge time.

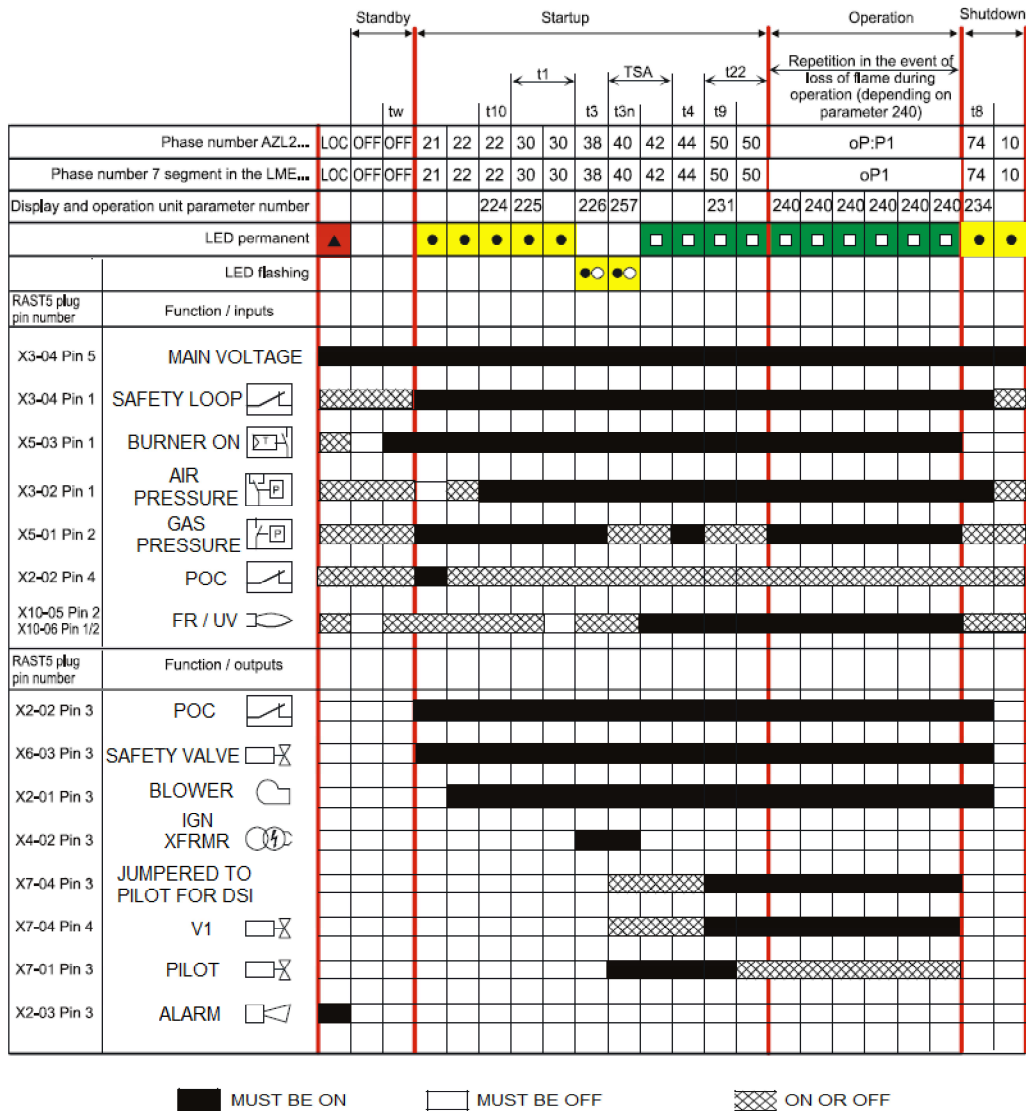
LME71.402A1PKG (110V) consists of; LME71.000A1, PME71.402A1, AGG3.710

### 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.
- ⑤ 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.
- ⑥ If either gas pressure switch opens, LME enters Phase 90 and will shut burner down, but will not lockout. Recovery of the gas pressure switch will initiate start-up.



## 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. P38 - Preignition (parameter 226, spark on before pilot)
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

Information in this publication is based on current specifications. The company reserves the right to make changes in specifications and models as design improvements are introduced. Product or company names mentioned herein may be the trademarks of their respective owners. © 2009 SCC Inc.