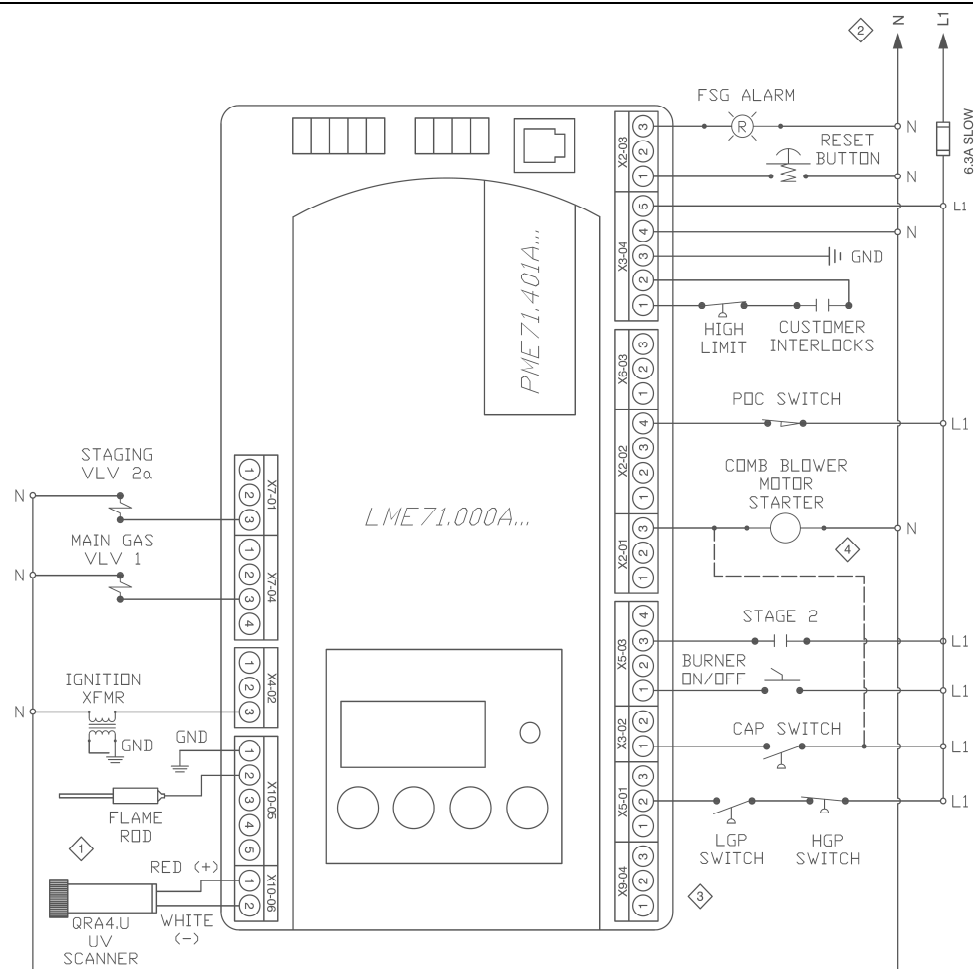


LME71.401AxPKG

Two stage burner controller, with programmable purge time.

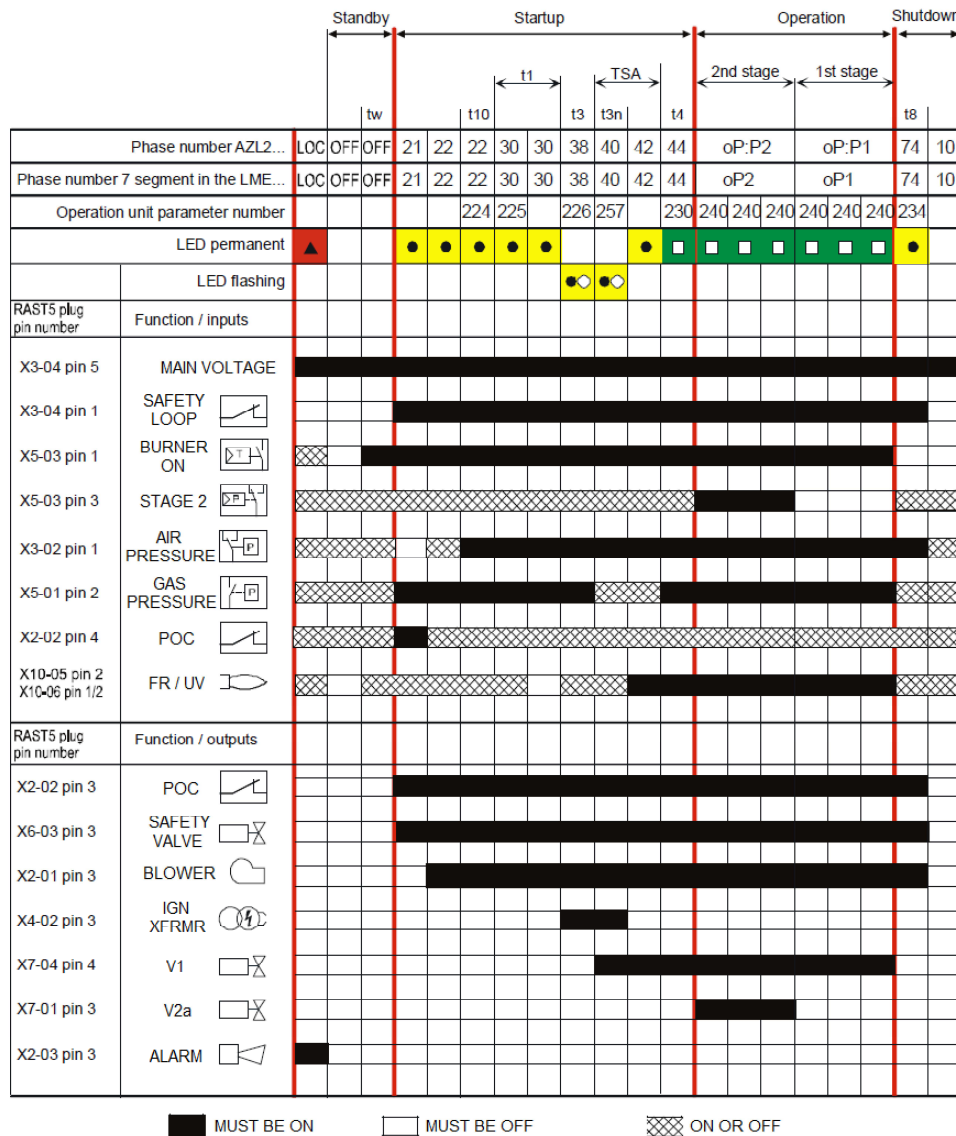
LME71.401A1PKG (110V) consists of; LME71.000A1, PME71.401A1, AGG3.710

Wiring schematic



Notes

- ① Wire flame rod or UV scanner (QRA4.U), not both.
- ② 120V 50/60 (LME71.000A1); 230V 50/60 (LME71.000A2).
- ③ Do not connect wires to any unused terminals.
- ④ 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 and GP switches closed
3. P22 - Combustion air blower on, Test; CAP switch closed (parameter 224)
4. P30 - Purge (parameter 225), Test; extraneous light
5. P38 - Preignition time (spark on before gas)(parameter 226)
6. P40 - Trial for ignition (parameter 257)
7. P42 - Flame detection (spark off)
8. P44 - Flame stabilize time and load controller release (parameter 230)
9. oP1 - Operate, stage 1
10. oP2 - Operate, stage 2

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SCC Inc.

1250 Lunt Avenue

Elk Grove Village, IL 60007

U.S.A.

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