

NOTE: TERMINAL L1 MUST BE POWERED BEFORE TERMINAL 12

FORM 6642 VBLNR GROUP M3102

PROTECTOFIER
TWO BURNER, AUTOMATIC
OPERATION, INCLUDES TIMER
FOR IGNITION TRIAL,
NON-RELIGHT.

SS100A FLAME PAK

ACF { C-CHECK RELAY
F-FLAME RELAY
L-LOAD RELAY
NR-NON-RECYCLE RELAY

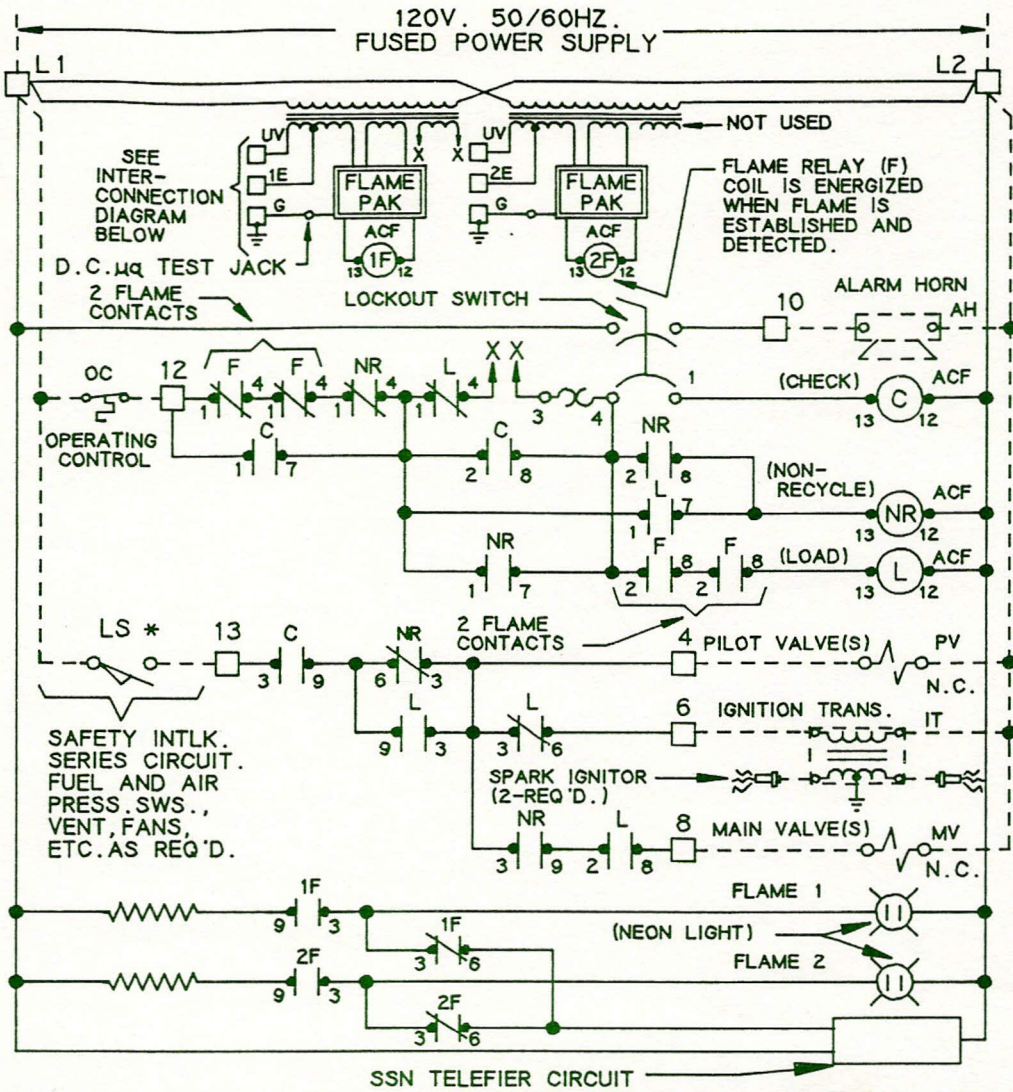


NO CONNECTIONS

□ INTERNAL WIRING
--- EXTERNAL WIRING

*- NOTE:
INTERRUPTION IN THIS
CIRCUIT DE-ENERGIZES FUEL
VALVES. WHEN FLAME RELAY
RESPONDS TO LOSS OF
FLAME, SAFETY LOCKOUT
CIRCUIT IS ENERGIZED TO
LOCKOUT SYSTEM.

WIRING DIAGRAM

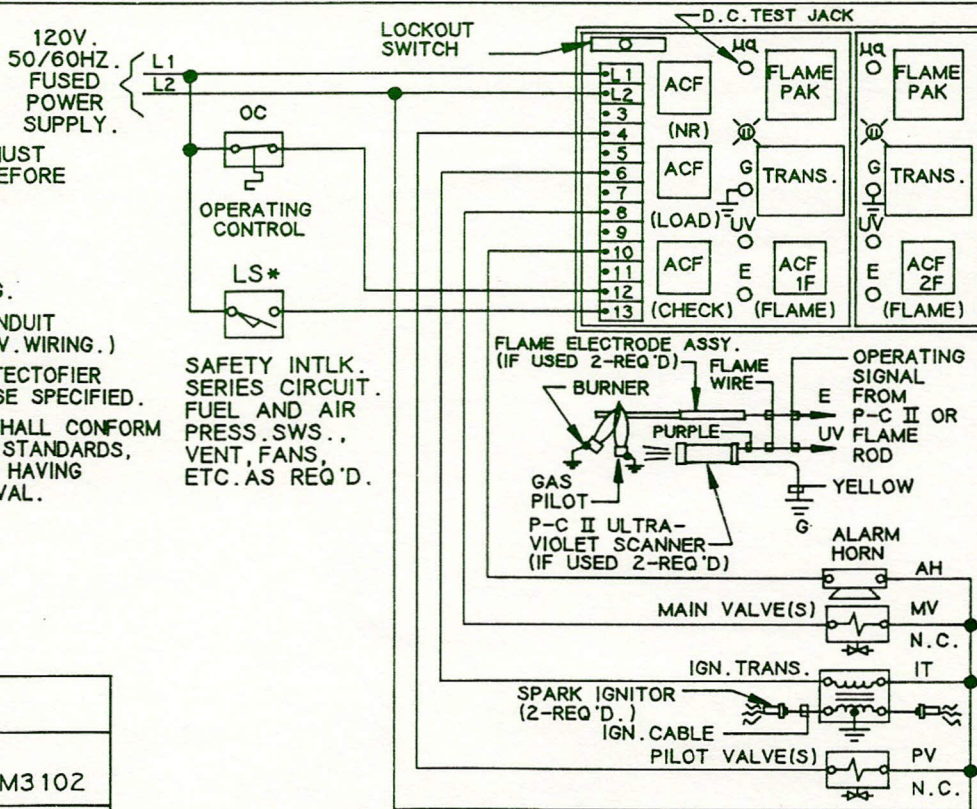


TWO BURNER
PROTECTOFIER
(FORM 6642 VBLNR
GROUP M3102)

NOTE:
TERMINAL L1 MUST
BE POWERED BEFORE
TERMINAL 12

NOTES:

- FLAME WIRE TO BE NO. 14 TYPE TW. 600V. INSULATED WIRE OR EQUAL. FLAME WIRE MUST NOT BE IN SAME CONDUITS WITH POWER WIRING.
- IGNITION CABLE MUST BE RUN IN SEPARATE CONDUIT TO SPARK ELECTRODE. (DO NOT MIX WITH 120V. WIRING.)
- ALL WIRING AND EQUIPMENT EXTERNAL TO PROTECTOFIER TO BE FURNISHED BY OTHERS UNLESS OTHERWISE SPECIFIED.
- INSTALLATION, OPERATION AND MAINTENANCE SHALL CONFORM WITH NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS, NATIONAL AND LOCAL CODES AND AUTHORITIES HAVING JURISDICTION. ANY MODIFICATION VOIDS APPROVAL.



INTERCONNECTION DIAGRAM

PROTECTION CONTROLS, INC.
SKOKIE, ILLINOIS

WIRING DIAGRAM FOR:
PROTECTOFIER FORM 6642VBLNR GROUP M3102

JOB NO.

REVISED
3-03

DRAWING NO.
X-330