

NOTE: TERMINAL L1 MUST BE POWERED BEFORE TERMINAL 12

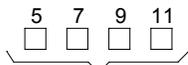
FORM 6642 VBL GROUP M3102

PROTECTOFIER
TWO BURNER AUTOMATIC
OR MANUAL OPERATION
INCLUDES TIMER FOR
IGNITION TRIAL

SS100A FLAME PAK

ACF {
C-CHECK RELAY
F-FLAME RELAY
L-LOAD RELAY

*-P.B.FOR MANUAL OPERATION.
ADD JUMPERS AS INDICATED
FOR AUTOMATIC OPERATION.

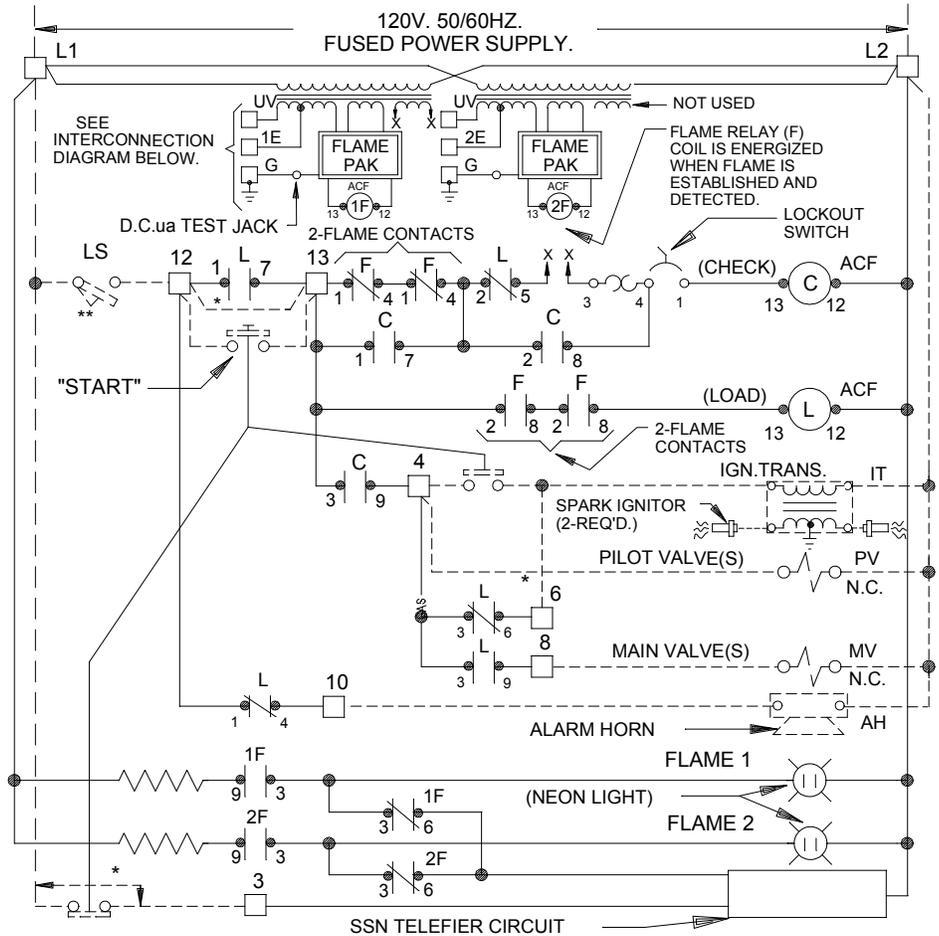


NO CONNECTIONS

INTERNAL WIRING
EXTERNAL WIRING

** SAFETY INTLK.
SERIES CIRCUIT.
FUEL AND AIR
PRESS. SWS.,
VENT.FANS,
ETC.AS REQ'D.)

WIRING DIAGRAM



NOTE:
TERMINAL L1 MUST
BE POWERED BEFORE
TERMINAL 12

TWO BURNER
PROTECTOFIER

(FORM 6642 VBL
GROUP M3102)

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.

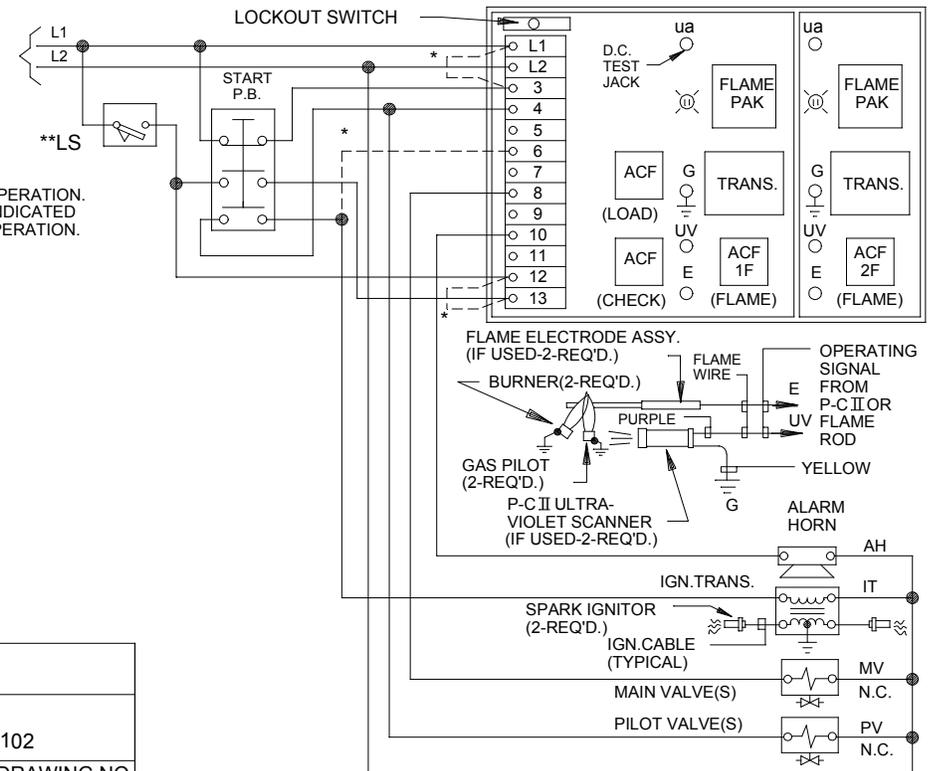
IGNITION CABLE MUST BE RUN IN SEPARATE
CONDUIT TO SPARK ELECTRODE.
(DO NOT MIX WITH 120V. WIRING.)

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.

120V.
50/60HZ.
FUSED
POWER
SUPPLY.

*-P.B.FOR MANUAL OPERATION.
ADD JUMPERS AS INDICATED
FOR AUTOMATIC OPERATION.



INTERCONNECTION DIAGRAM

PROTECTION CONTROLS, INC.
SKOKIE ILLINOIS

WIRING DIAGRAM FOR:
PROTECTOFIER FORM 6642VBL GROUP M3102

JOB NO.

REVISED

DRAWING NO.

4-03

X-240