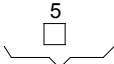


NOTE: TERMINAL L1 MUST BE POWERED BEFORE TERMINAL 12

FORM 6642 VL GROUP M3102

PROTECTOFIER  
TWO BURNER  
MANUAL OPERATION.

SS100A FLAME PAK  
ACF { C-CHECK RELAY  
F-FLAME RELAY  
L-LOAD RELAY

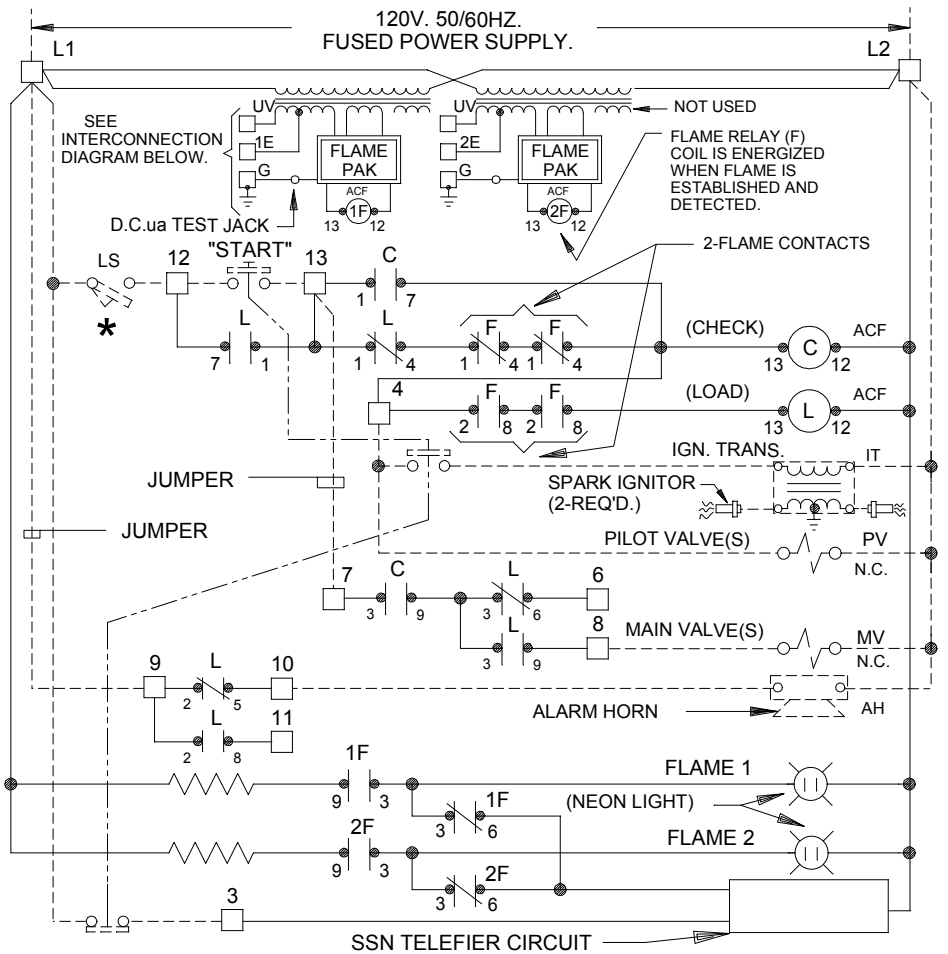


NO CONNECTION

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

□ — INTERNAL WIRING  
- - - EXTERNAL WIRING

WIRING DIAGRAM



NOTE: TERMINAL L1 MUST BE POWERED BEFORE TERMINAL 12

TWO BURNER  
PROTECTOFIER

(FORM 6642 VL  
GROUP M3102)

NOTES:

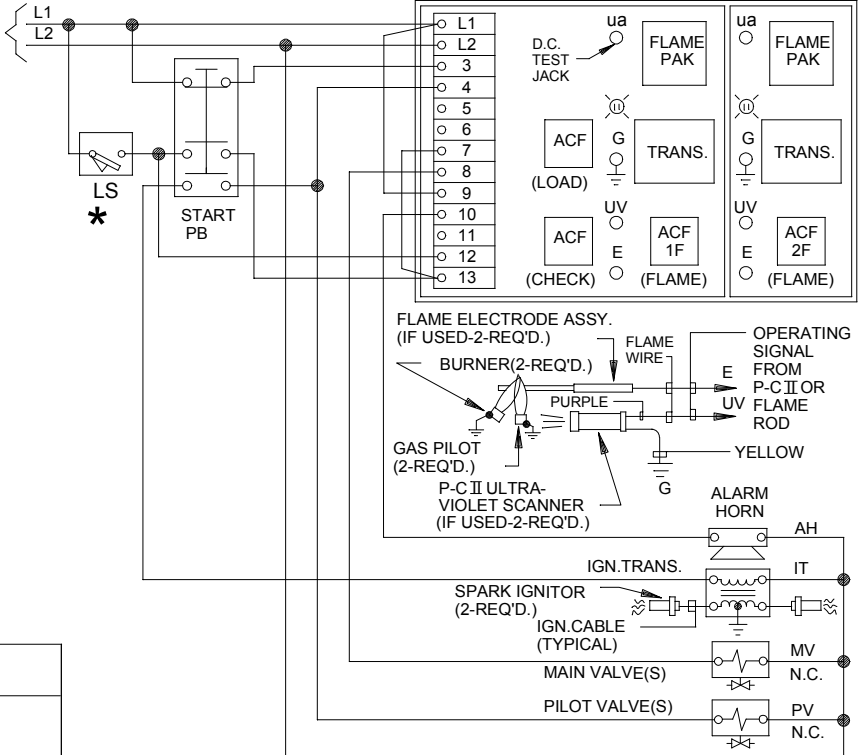
FLAME WIRE TO BE NO. 14 TYPE TW. 600V. INSULATED WIRE OR EQUAL. FLAME WIRE MUST NOT BE IN SAME CONDUITS WITH POWER WIRING.

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.



PROTECTION CONTROLS, INC.  
SKOKIE ILLINOIS

WIRING DIAGRAM FOR:  
PROTECTOFIER FORM 6642VL GROUP M3102

JOB NO.

REVISED  
12-02

DRAWING NO.

X-238

INTERCONNECTION DIAGRAM