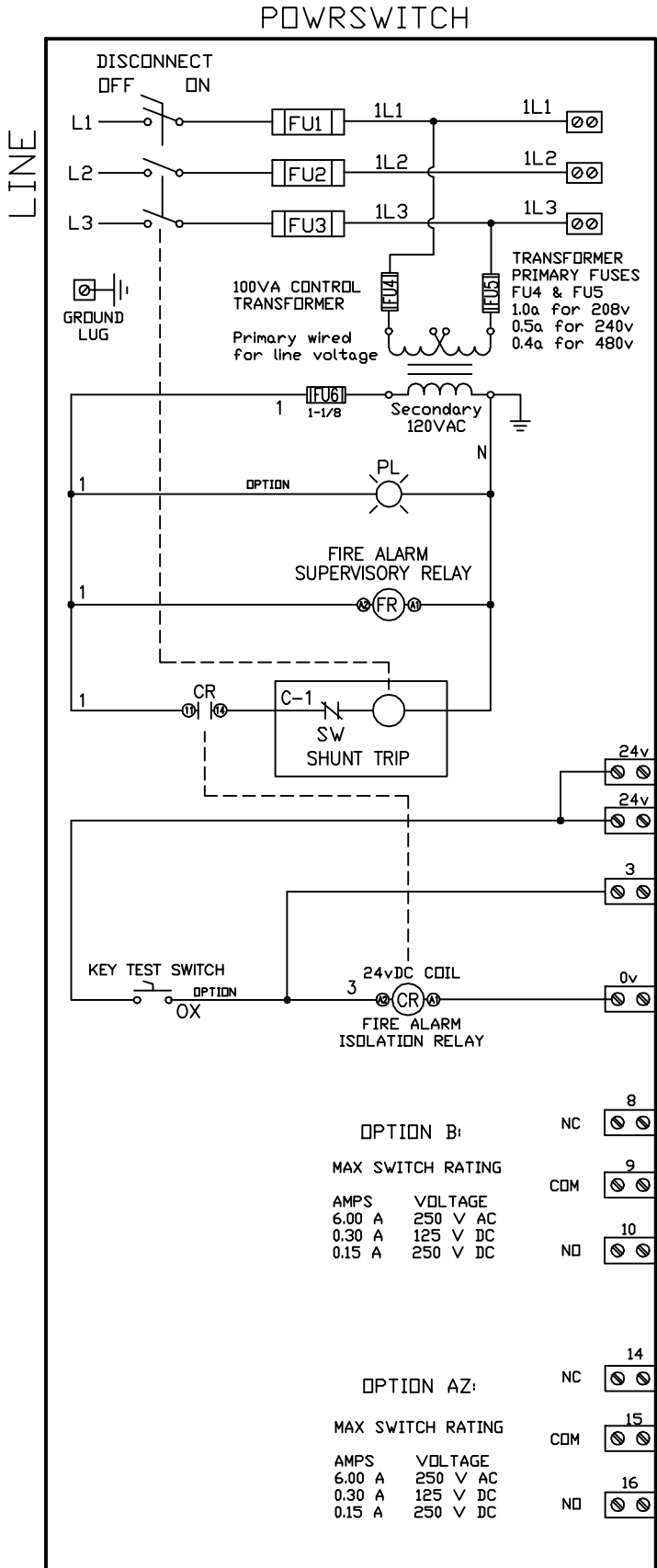


POWRSWITCH SCHEMATIC R2-AZ

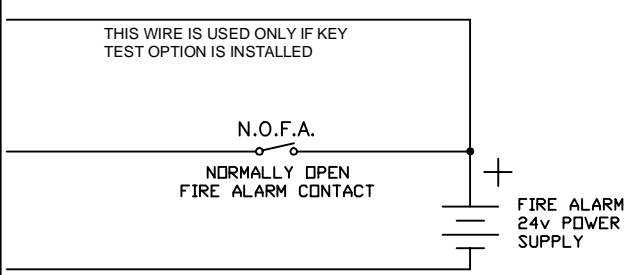


LOAD

TERMINOLOGY

- LINE -Connection to the input source of power.
- LOAD -Connection to the protected circuit load.
- DISCONNECT -Main switch that disconnects power via manual, or shunt trip.
- CONTROL TRANSFORMER -Converts the incoming line voltage to 120vac.
- PL -An optional door pilot light used to indicate the presence of control voltage.
- Fire Alarm Supervisory Relay -Optional relay (FR) for monitoring control voltage.
- N.O.F.A. -Abbreviation for Normally Open Fire Alarm (contact closure initiates shunt trip).
- Fire Alarm Isolation Relay -Provides fire alarm initiating circuit isolation.
- KEY TEST -Optional door key-switch used for testing, to trigger a shunt trip disconnect.
- SHUNT TRIP -Mechanism, triggered by CR closure, that opens the disconnect.
- SW -Internal to the shunt trip mechanism that opens when the switch is tripped.

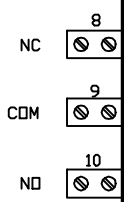
SHUNT TRIP WIRING



MONITORING TERMINALS WIRING

OPTION B:

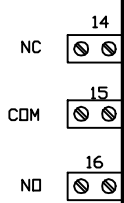
MAX SWITCH RATING	
AMPS	VOLTAGE
6.00 A	250 V AC
0.30 A	125 V DC
0.15 A	250 V DC



OPTION B:
Auxiliary contacts are mechanically interlocked to the main switch contacts. These auxiliary contacts follow the main switch contacts.

OPTION AZ:

MAX SWITCH RATING	
AMPS	VOLTAGE
6.00 A	250 V AC
0.30 A	125 V DC
0.15 A	250 V DC



OPTION AZ:
These contacts indicate the presence or absence of shunt control voltage. However, if the main switch is turned off, these contacts will indicate that shunt control voltage is present.

DATE	LTR	REVISION
10-22-07	F	RELABELED OPTION CONTACTS



PROJECT
POWRSWITCH - R2AZ

DATE 10-22-07	DRAWN BY RAJ	CHECKED BY FWS	SIZE A	SCALE N.T.S	DWG NO. PS-R2AZ-f	REV F
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