EMERGENCY VEH. PREEMPTION PUSHBUTTON AND INDICATOR LAMP WIRING DETAIL
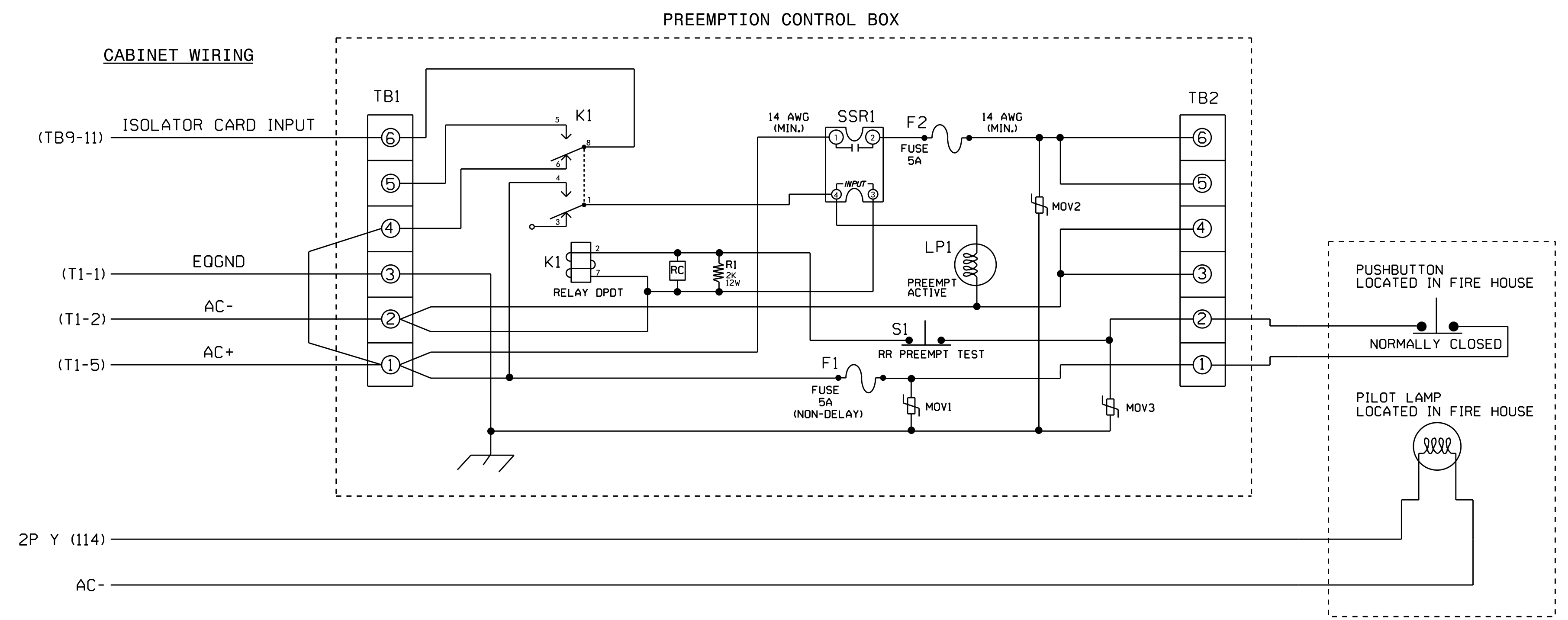## USING PREEMPT CONTROL BOX

EMERGENCY VEHICLE PREEMPTION PROGRAMMING DETAIL

(program controller as shown below)

From Main Menu press 'A' (Preemption), then '1' (Standard Preemptions). Press 'NEXT' to advance to Preemption #2.

PREEMPTION #2   SETTINGS (NEXT:1-10)

INTERVAL/TIMING			CLEAR/DWELL PHASES
	GRN	YEL	RED	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

	GRN	YEL	RED	Phases
1	255	4.0	1.7	X X
2	0	0.0	0.0	
3	0	0.0	0.0	
4	0	0.0	0.0	
5	1	0.0	0.0	X X

EXIT CALLS

OPTIONS

PRIORITY (Y/N TO SELECT) ....MED
DELAY TIMER (0-255 SEC) ....＊
MIN GREEN BEFORE PRE (0= DEFAULT)....1
PED CLEAR BEFORE PRE (0= DEFAULT)....0
YELLOW CLEAR BEFORE PRE (0= DEFAULT).0.0
RED CLEAR BEFORE PRE (0= DEFAULT)....0.0
DWELL MIN TIMER (0-255 SEC) ....＊
DWELL MAX TIMER (0=OFF.1-255MIN) 0
DWELL HOLD-OVER TIMER (0-255) 0
LATCH CALL? ....Y
LINK TO NEXT PREEMPT? ....Y
ENABLE BACKUP PROTECTION? ....Y
HOLD CLEAR 1 PHASES DURING DELAY? ...N
FAST GREEN FLASH DWELL PHASES? ......N
PED CLEARANCE THROUGH YELLOW? ....N
INHIBIT OVERLAP GREEN EXTENSION? ....N
SERVICE DURING SOFTWARE FLASH? ......N
REST IN RED DURING DWELL INTERVAL? .N
FLASH DWELL INTERVAL? ....N
ALLOW PEDS IN DWELL INTERVAL? ....N
RE-TIME DWELL INTERVAL? ....Y

OVERLAPS:	ABCDEFGHIJKLMNOP
DWELL INT FLASH YELLOW	
OMIT OVERLAPS:	

＊ Denotes timing to be determined in field.
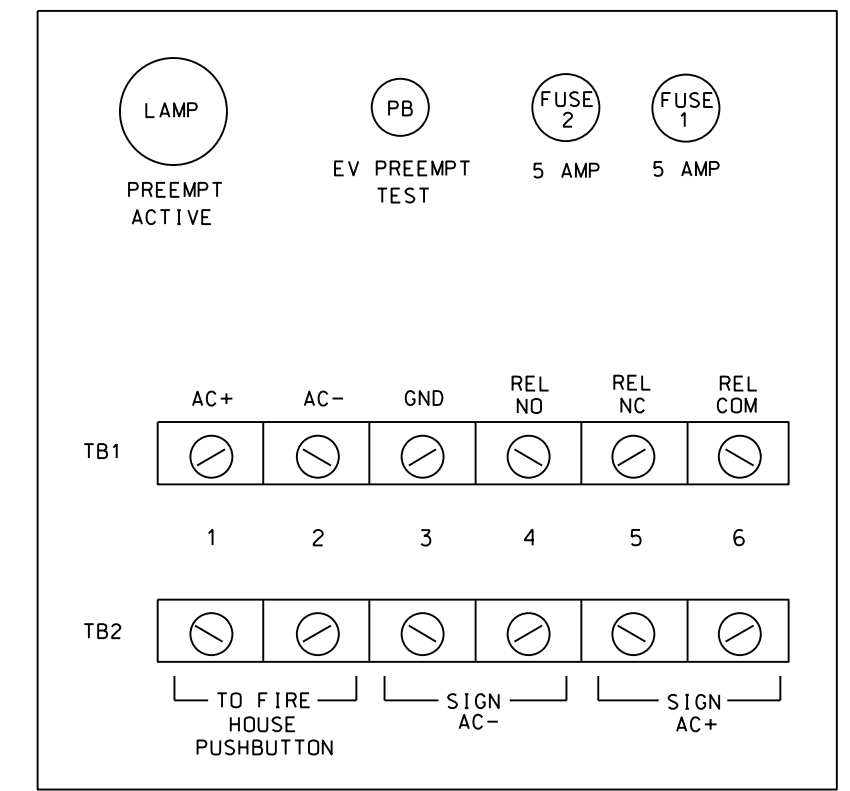

PREEMPTION CONTROL BOX

CABINET WIRING

NOTES

1. Relay K1 is shown in the energized (Preempt not active) normal operation state.

2. Relay K1 is a DPDT with 120VAC coil with octal base.

3. Relay SSR1 is a SPST (normally open) Solid State Relay with AC input and AC (25 amp) output.

4. AC Isolator Card shall activate preemption upon removal of AC+ from the input (as shown above). To accomplish this set invert dip switch on AC Isolator Card.

5. IMPORTANT!! Terminal TB9-12 (on input panel) shall be connected to AC neutral (jumper may have to be added).

LAMP NOTES

1. If field terminal 114 has a conflict monitor wire attached, remove, tape, and label wire.

2. Make sure load resistors are in place as shown in the Load Resistor Installation Detail (Sheet 1 of 3).

3. Install a loadswitch in Output File Slot S3.

FRONT VIEW

PREEMPTION CONTROL BOX