

ECONOLITE ASC/3-2070 RAILROAD PREEMPT PROGRAMMING DETAIL

(program controller as shown)

- From Main Menu select **4. PREEMPTOR/TSP**
- From PREEMPTOR/TSP/SCP Submenu select **1. PREEMPT PLAN 1-10**

Place cursor in [] next to Preempt Plan and press 1. Then press the right cursor arrow and toggle the controller to YES. Next cursor down. This will select Railroad Preempt #1.

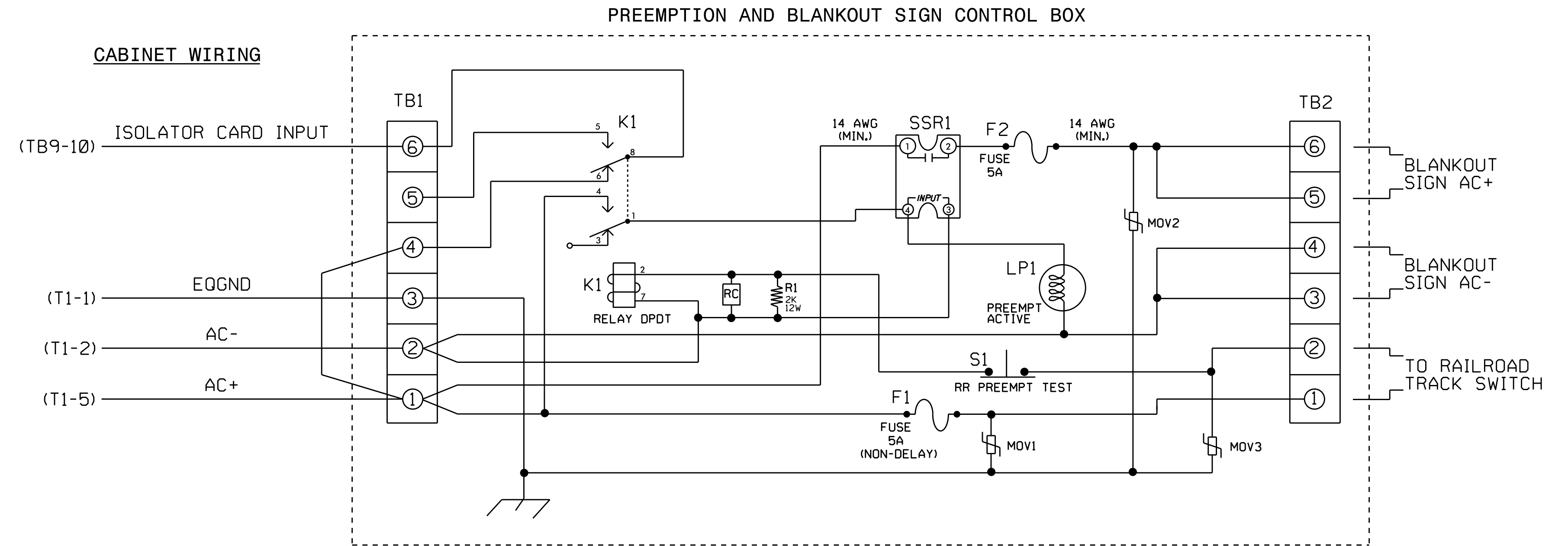
PREEMPT PLAN [1]	ENABLE....YES
VEH/PED 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6	
OVERLAP A B C D E F G H I J K L M N O P	
TRKCLR V	
TRKCLR 0	
ENA TRL	
DWEL VEH . X . . . X	
DWEL PED	
DWEL OLP	
CYC VEH	
CYC PED	
CYC OLP	
EXIT PH . . . X . . . X	
EXIT CAL	
SP FUNC	

ENABLE... YES IPMT OVRIDE.XI INTERLOCK. NO
 DET LOCK... XIDELAY.. 0IINHIBIT... 0
 OVERRIDE FL. .IDURATION 0ICLR-GRN... NO
 TERM OLP. NOIPC>YEL YESITERM PH NO
 PED DARK.. NOITC RESRV YESIDWELL FL OFF
 LINK PMT...OIX FLCOLR REDIEXIT OPT. OFF
 X TMG PLN...OIRE-SERV.. 0IFLT TYPE.HARD
 FREE DUR PMTIR1 NOIR2 NOIR3 NOIR4 NO
 --TIMING-----WALKIPED CLIMN GRI YELI RED
 ENTRANCE TM. 11 101 1125.5125.5
 -----MIN GRIEXT GRIMX GRI YELI RED
 TRACK CLEAR 01 01 0125.5125.5
 -----MIN DLIPMTEXTIMX TMI YELI RED
 DWL/CYC-EXIT 101 0.01 0125.5125.5
 PMT ACTIVE OUT..ON PMT ACT DWELL...NO
 OTHER - PRI PMT.OFF NON-PRI PMT.....OFF
 INH EXT TIME... 0.0 PED PR RETURN...OFF
 PRIORITY RETURN.OFF QUEUE DELAY.... OFF
 COND DELAY.....OFF

PHASES	1	2	3	4	5	6	7	8
PR RTN%	0	0	0	0	0	0	0	0
PHASES	9	10	11	12	13	14	15	16
PR RTN%	0	0	0	0	0	0	0	0

RAILROAD PREEMPTION WIRING DETAIL

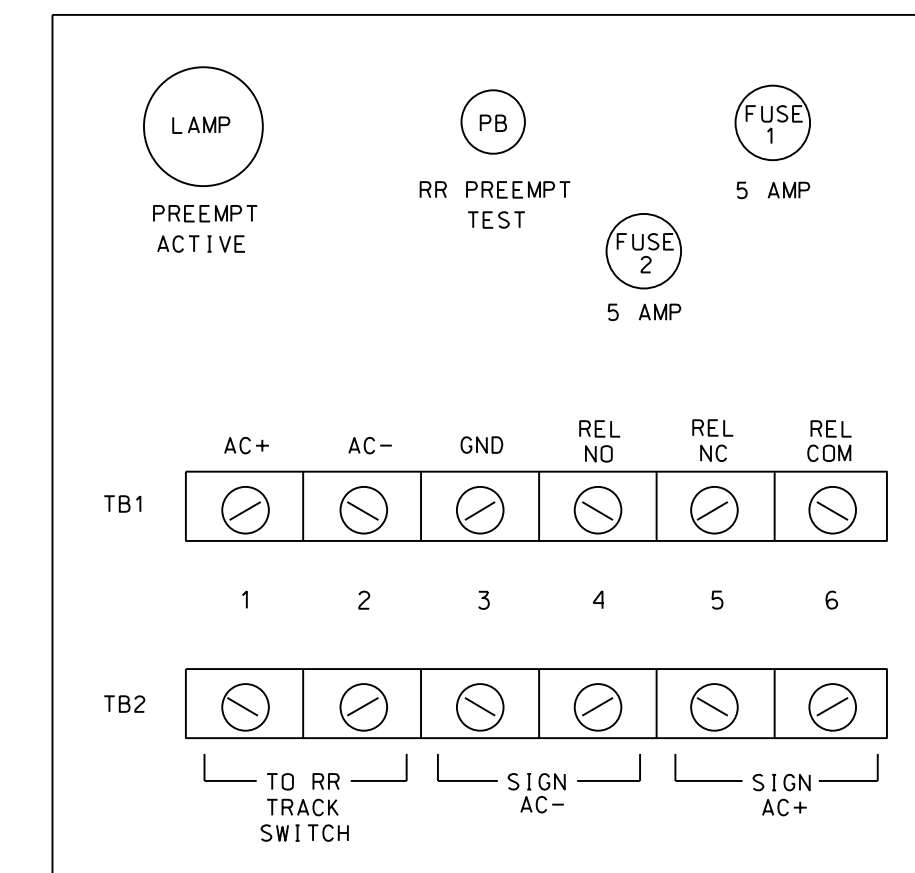
(wire as shown below)



NOTES

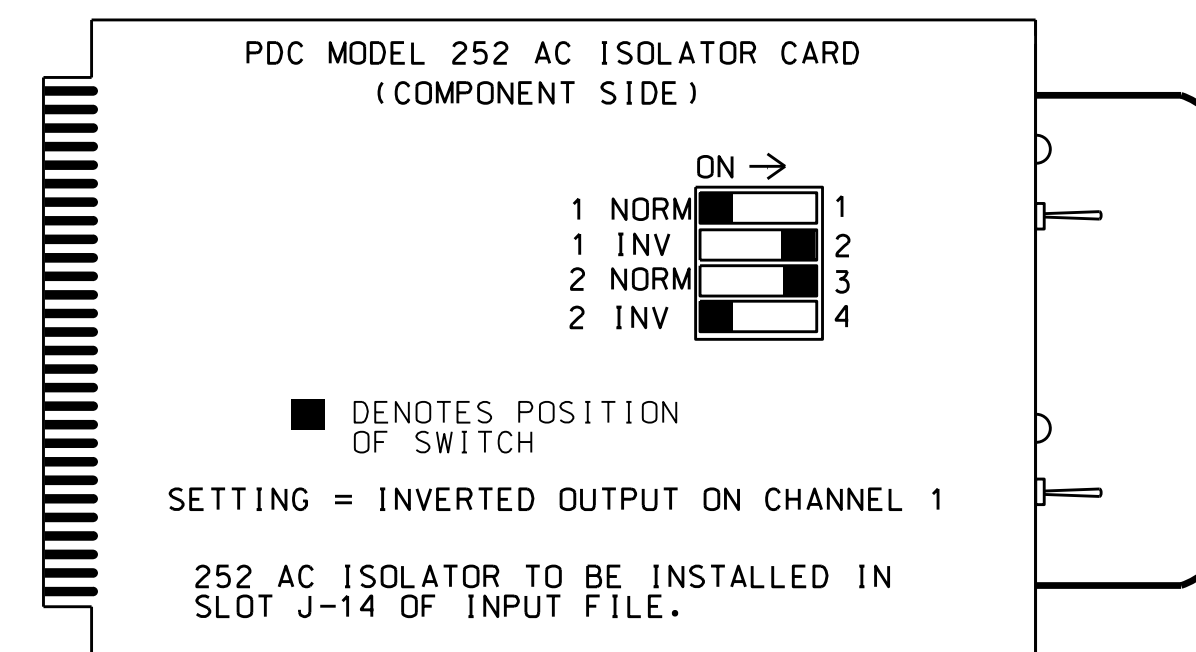
- Relay K1 is shown in the energized (Preempt not active) normal operation state.
- Relay K1 is a DPDT with 120VAC coil with octal base.
- Relay SSR1 is a SPST (normally open) Solid State Relay with AC input and AC (25 amp) output.
- AC Isolator Card shall activate preemption upon removal of AC+ from the input (as shown above). To accomplish this set invert dip switch on AC Isolator Card.
- IMPORTANT!!** A jumper must be added between input file terminals J14-E and J14-K if not already present. Also, terminal TB9-12 (on input panel) shall be connected to AC neutral (jumper may have to be added).

FRONT VIEW



PREEMPT 1 AC ISOLATOR (MODEL 252) OUTPUT PROGRAMMING DETAIL

(set DIP switches as shown below)



NOTE: IF ANOTHER MANUFACTURER TYPE OF AC ISOLATOR IS USED, OUTPUT PROGRAMMING IS LIKELY NOT TO EQUATE TO THAT SHOWN ABOVE.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0014
 DESIGNED: April 2016
 SEALED: 9/27/2016
 REVISED: N/A

Electrical Detail - Sheet 6 of 6

ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared In the Offices of: 750 N. Greenfield Pkwy, Garner, NC 27529	SR 2299 (Russell Street) at SR 2311 (Gillespie Street)		SEAL KEITH M. MIMS ENGINEER
	Division 6 PLAN DATE: September 2016 PREPARED BY: S. Armstrong	Cumberland County REVIEWED BY: BAS REVIEWED BY:	