

ECONOLITE ASC/3-2070 RAILROAD PREEMPT PROGRAMMING DETAIL

(program controller as shown)

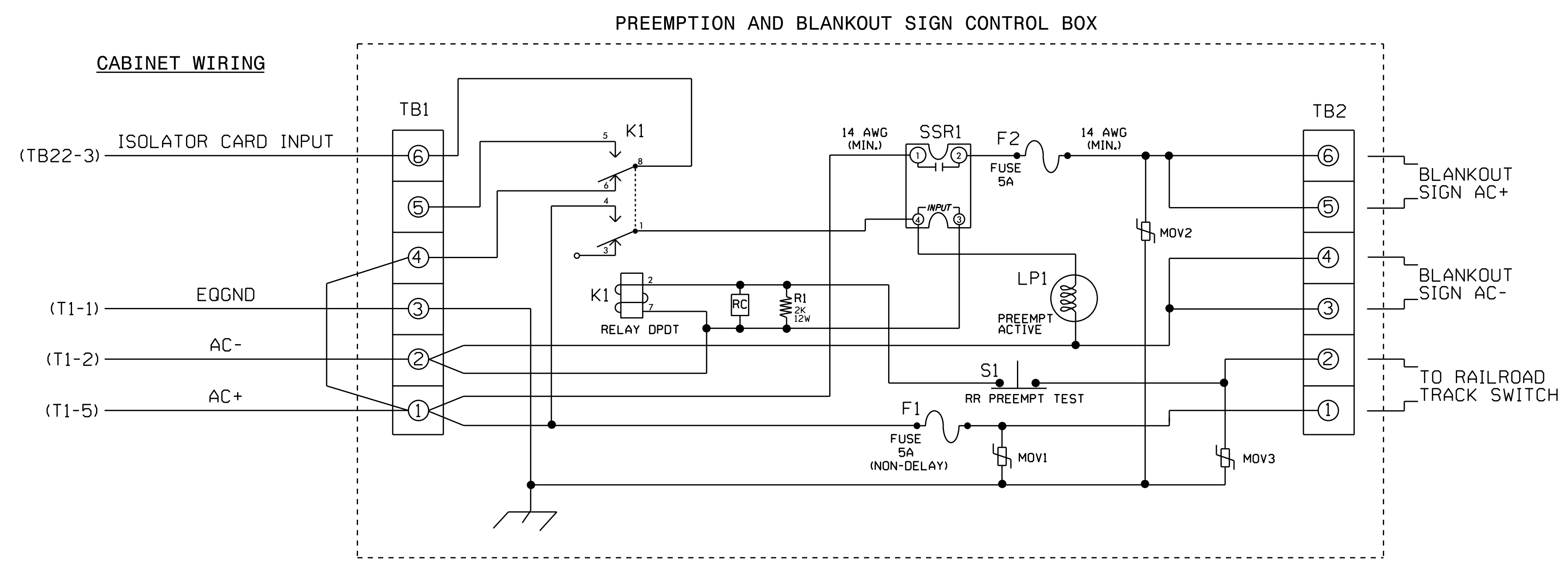
- From Main Menu select **4. PREEMPTOR/TSP**
- From PREEMPTOR/TSP/SCP Submenu select **1. PREEMPT PLAN 1-10**

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 O	
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... YESIPMT OVRIDE.XIINTERLOCK. NO	
DET LOCK... XIDELAY.. OIINHIBIT... 0	
OVERIDE FL. .IDURATION OICLR-GRN... NO	
TERM OLP. NOIPC>YEL NOITERM PH NO	
PED DARK.. NOITC RESRV YESIDWELL FL OFF	
LINK PMT....OIX FLCOLR REDIXIT OPT. OFF	
X TMG PLN...OIRE-SERV.. OIFLT TYPE.HARD	
FREE DUR PMTIR1 NOIR2 NOIR3 NOIR4 NO	
--TIMING-----WALKIPED CLIMN GRI YELI RED	
ENTRANCE TM. 255I 255I 1125.5125.5	
-----MIN GRIEXT GRIMX GRI YELI RED	
TRACK CLEAR 0I 0I 0I25.5I25.5	
-----MIN DLIPMTEXTIMX TMI YELI RED	
DWL/CYC-EXIT 7I 0.0I 0I25.5I25.5	
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

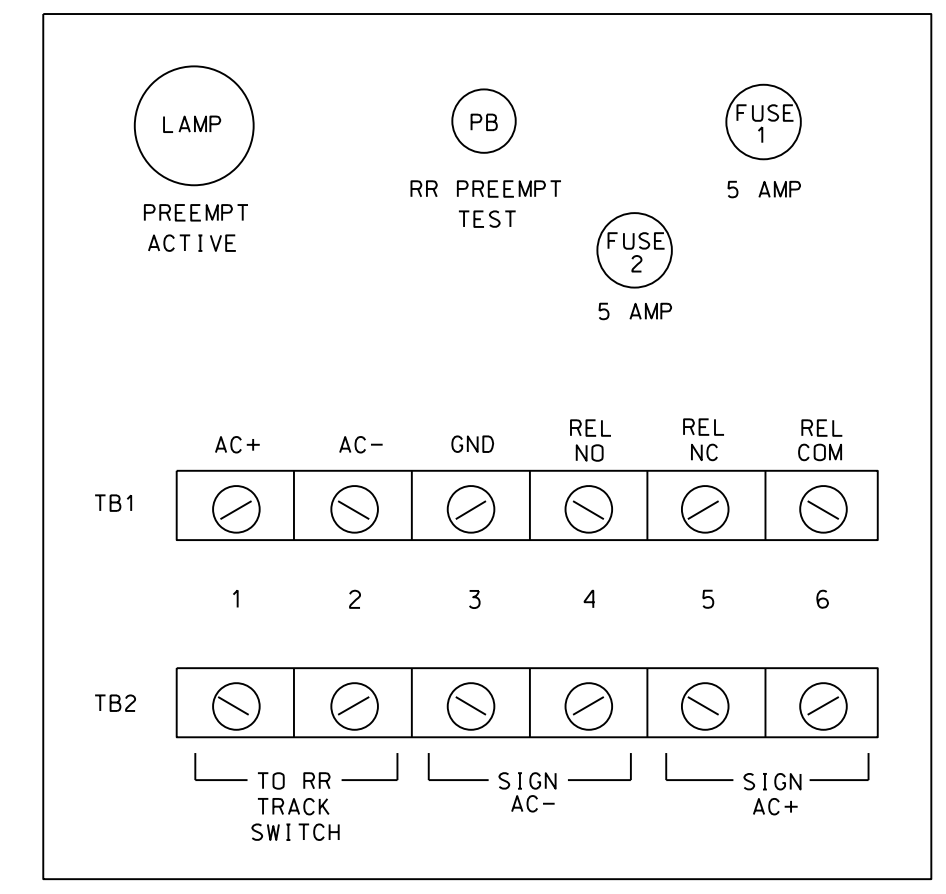
(wire as shown below)



NOTES

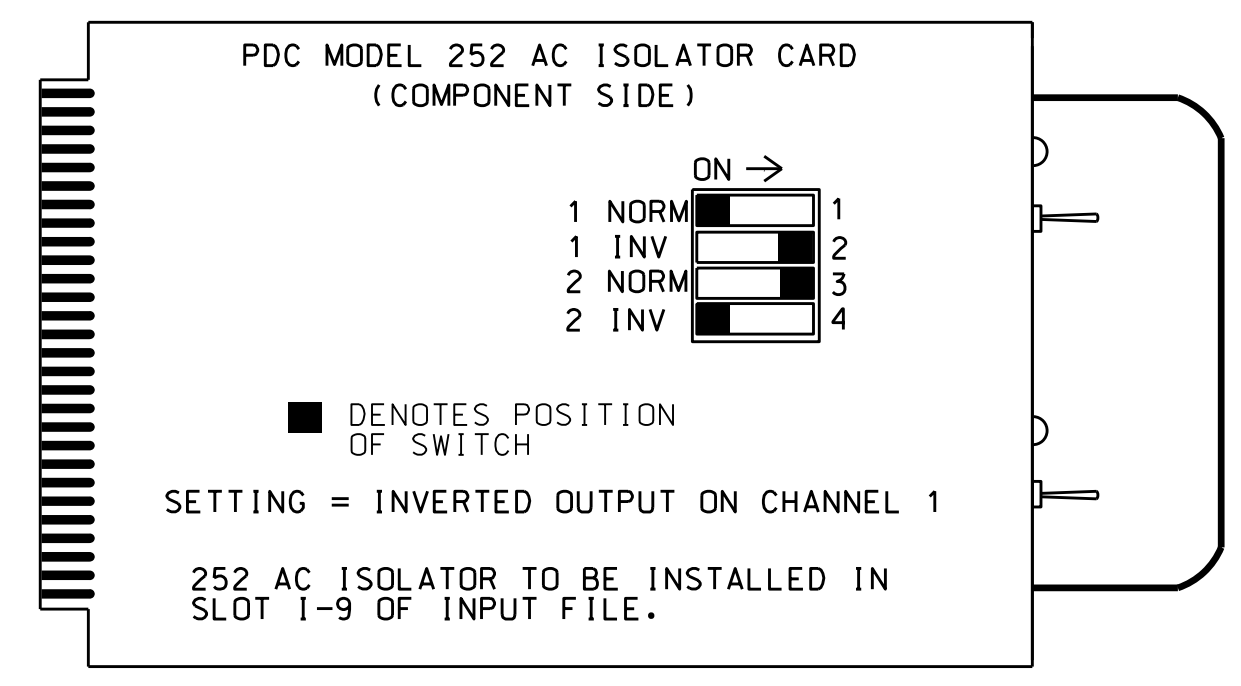
- Relay K1 is shown in the energized (Preempt not active) normal operation state.
- Relay K1 is a DPDT with 120VAC coil with octal base.
- Relay SSR1 is a SPST (normally open) Solid State Relay with AC input and AC (25 amp) output.
- AC Isolator Card shall activate preemption upon removal of AC+ from the input (as shown above). To accomplish this set invert dip switch on AC Isolator Card.
- IMPORTANT!!** Terminal TB2-4 (on input panel) shall be connected to AC-(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: 06-0015
 DESIGNED: April 2016
 SEALED: 7-21-16
 REVISED: N/A

Electrical Detail - Sheet 2 of 2

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared In the Offices of:
 TRANSPORTATION MOBILITY AND SAFETY ADMINISTRATION
 FEDERAL BUREAU OF INVESTIGATION
 U.S. DEPARTMENT OF JUSTICE
 Signal Management Section
 750 N. Greenfield Pkwy, Garner, NC 27529

SR 2299 (Russell Street) at Old Wilmington Road

Division 6 Cumberland County Fayetteville

PLAN DATE: July 2016 REVIEWED BY: DTJ

PREPARED BY: James Peterson REVIEWED BY:

REVISIONS INIT. DATE

Sealed by: Keith M. Mins 8/11/2016

SIG. INVENTORY NO. 06-0015

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