

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

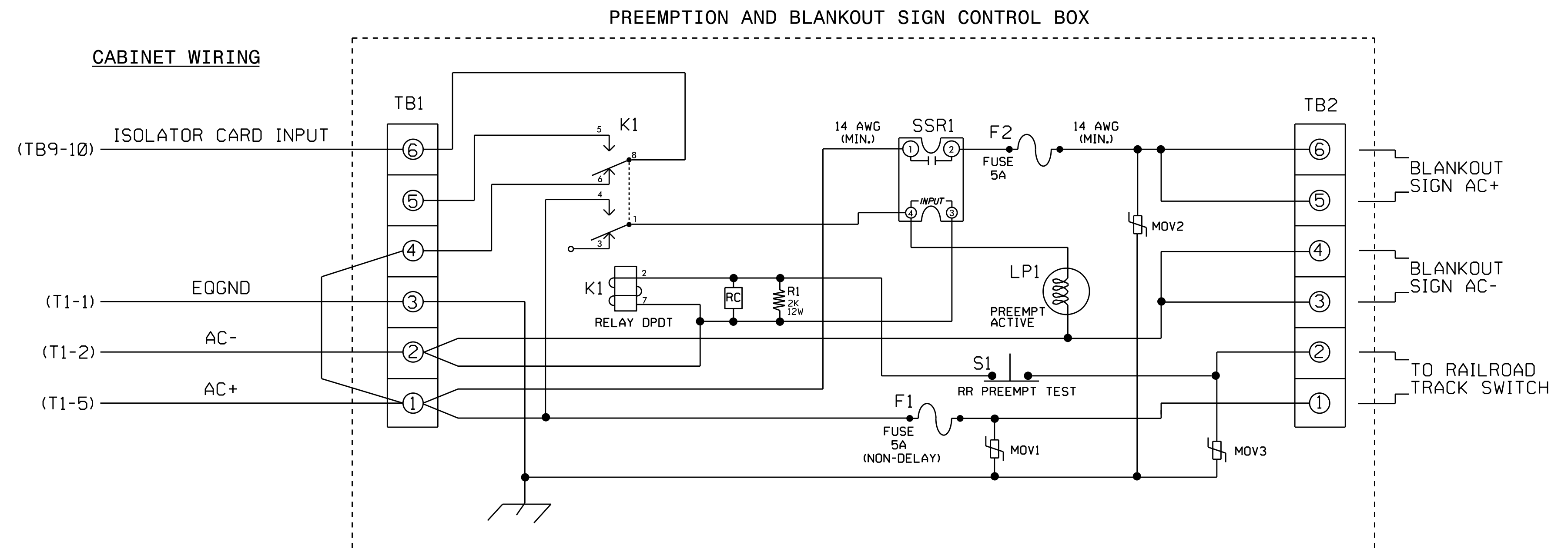
Place cursor in [] next to Preempt Plan and press 1. Then press the right cursor arrow and toggle the controller to YES. Next cursor down. This will select Railroad Preempt #1.

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 X	
TRKCLR O X	
ENA TRL	
DWEL VEH . X X	
DWEL PED	
DWEL OLP	
CYC VEH	
CYC PED	
CYC OLP	
EXIT PH X	
EXIT CAL	
SP FUNC	

ENABLE... YES	IPMT OVRIDE.XI	INTERLOCK. NO
DET LOCK... X	IDELAY.. 0	IINHIBIT... 0
OVERIDE FL. .	IDURATION 0	ICLR-GRN... NO
TERM OLP. NO	IPC>YEL NO	ITERM PH NO
PED DARK.. NO	ITC RESRV YES	IDWELL FL OFF
LINK PMT....0	IX FLCOLR RED	IXIT OPT. OFF
X TMG PLN...0	IRE-SERV.. 0	IFLT TYPE.HARD
FREE DUR PMT	IR1 NOIR2 NOIR3 NOIR4 NO	
--TIMING----	WALKIPED CLIMN GRI YELI RED	
ENTRANCE TM. 2551 2551 1125.5	125.5	
-----MIN	GRIEXT GRIMX GRI YELI RED	
TRACK CLEAR 151 01 01 3.01 2.6		
-----MIN	DLIPMTEXTIMX TMI YELI RED	
DWL/CYC-EXIT 121 0.01 0125.5	125.5	
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

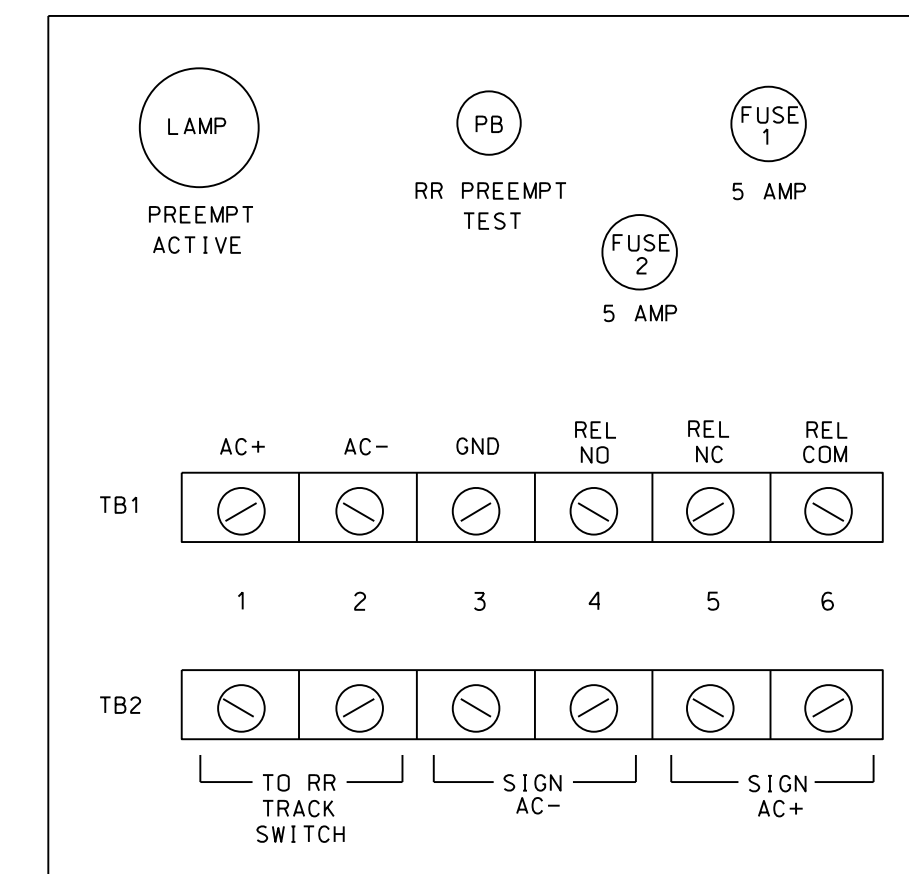
(wire as shown below)



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. See sheet 2 for details.
- 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



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 06-0060
 DESIGNED: July 2016
 SEALED: 9/21/2016
 REVISED: N/A

Electrical Detail - Sheet 3 of 3

US 401 Business (Robeson St.) at Village Drive

Division 6 Cumberland County Fayetteville

PLAN DATE: September 2016 REVIEWED BY: BAS

PREPARED BY: S. Armstrong REVIEWED BY:

REVISIONS INIT. DATE

DocuSigned by: Keith M. Mins 9/26/2016

SEAL NORTH CAROLINA PROFESSIONAL ENGINEER KEITH M. MINS SEAL 036880

750 N. Greenfield Pkwy, Garner, NC 27529

SIG. INVENTORY NO. 06-0060

09-SEP-2016 08:57
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