

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**

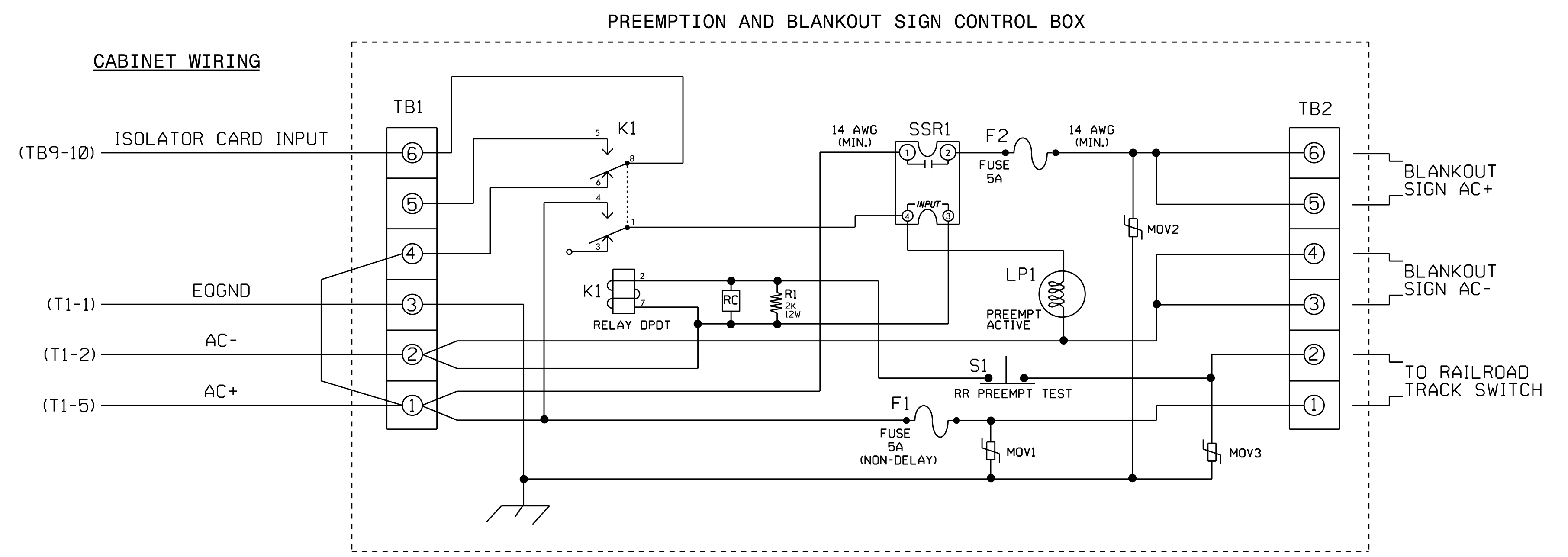
Place cursor in [] next to Preempt Plan and press 1. Then press the right cursor arrow and toggle the controller to YES. Next cursor down. This will select Railroad Preempt #1.

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... YES	IPMT	OVRIDE..X	IINTERLOCK..NO
DET LOCK... X	IDELAY..	OINHIBIT... 0	
VERRIDE FL. .	IDURATION	OICLR-GRN... NO	
TERM OLP. NO	IPC>YEL	YES	ITERM PH NO
PED DARK.. NO	ITC RESRV	YES	IDWELL FL OFF
LINK PMT....0	IX FLCOLR	RED	IEXIT OPT. OFF
X TMG PLN...0	IRE-SERV..	OIFLT TYPE.HARD	
FREE DUR PMT	IR1 NOIR2 NOIR3 NOIR4	NO	
--TIMING----	WALKIPED	CLIMN GRI	YELI RED
ENTRANCE TM. 11	101	1125.5	125.5
-----MIN	GRIEXT GRIMX	GRI	YELI RED
TRACK CLEAR 01	01	0125.5	125.5
-----MIN	DLIPMTEXTIMX	TMI	YELI RED
DWL/CYC-EXIT 71	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

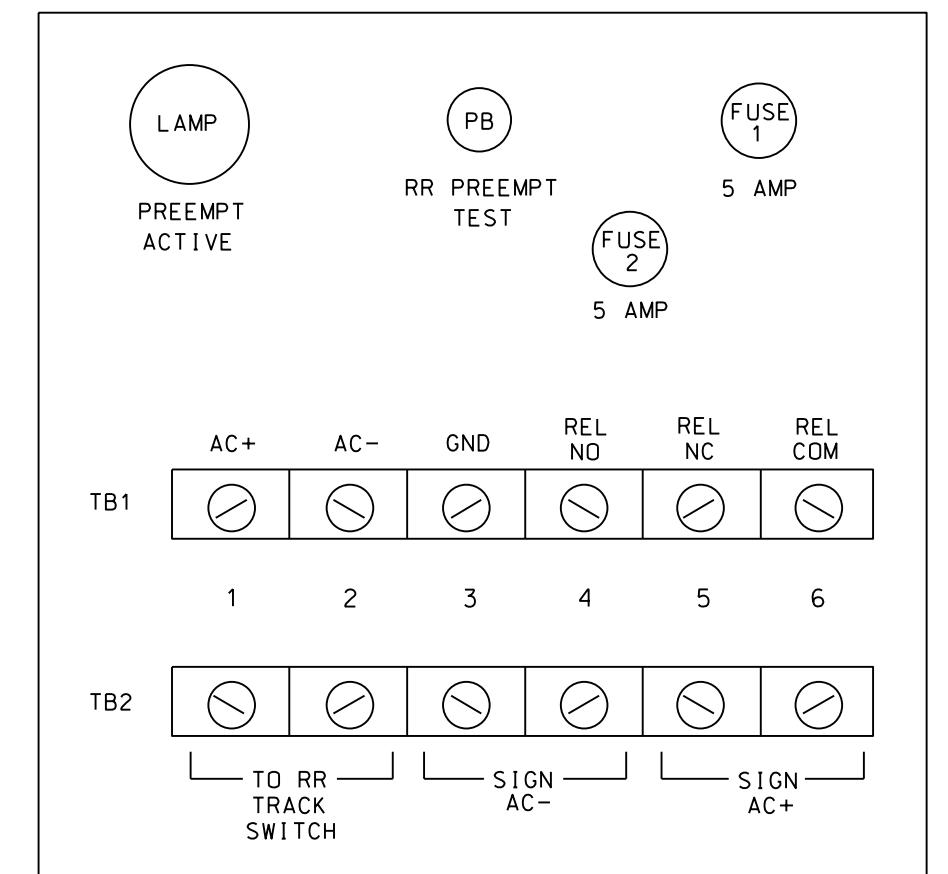
(wire as shown below)



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: 06-0011
 DESIGNED: August 2016
 SEALED: 9/26/2016
 REVISED: N/A

Electrical Detail - Sheet 3 of 3

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

<p>750 N. Greenfield Pkwy, Garner, NC 27529</p>	<p>SR 2299 (Russell Street) at Winslow Street</p> <p>Division 6 Cumberland County Fayetteville</p> <p>PLAN DATE: September 2016 REVIEWED BY: BAS</p> <p>PREPARED BY: S. Armstrong REVIEWED BY:</p>	<p>SEAL</p> <p>DocuSigned by: Keith M. Mins 10/6/2016</p> <p>SIG. INVENTORY NO. 06-0011</p>
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