

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**

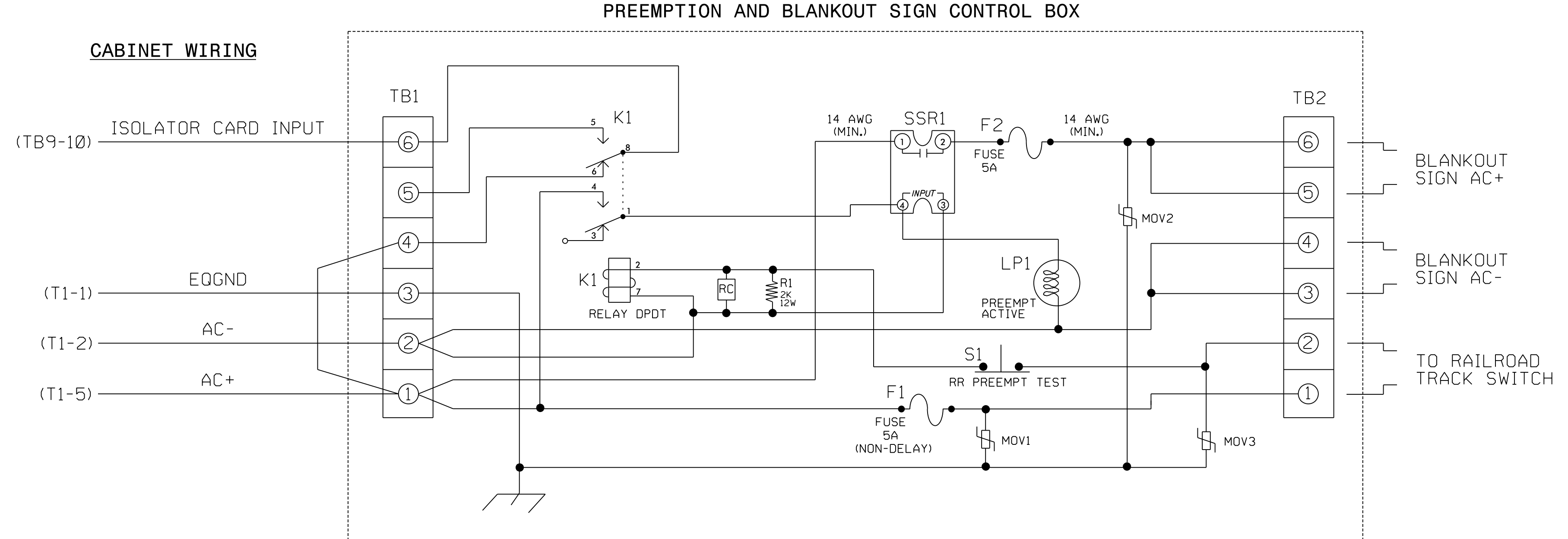
Place cursor in [] next to Preempt Plan and press 1. Then press the right cursor arrow and toggle the controller to YES. Next cursor down. This will select Railroad Preempt #1.

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	
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	PMT	OVRIDE	XI	INTERLOCK	. NO
DET LOCK... X	DELAY..	O	INHIBIT... 0		
OVERIDE FL. .	IDURATION	O	ICLR-GRN... NO		
TERM OLP. NO	IPC>YEL	NO	TERM PH NO		
PED DARK.. NO	ITC RESRV	YES	IDWELL FL OFF		
LINK PMT....O	X FLCOLR	RED	EXIT OPT. OFF		
X TMG PLN...O	IRE-SERV..	O	FLT TYPE.HARD		
FREE DUR PMT	IR1 NOIR2	NOIR3	NOIR4 NO		
--TIMING----	WALKIPED	CLIMN	GRI YELI RED		
ENTRANCE TM.	255I 255I	1I 4.3I	1.4		
-----MIN	GRIEXT	GRIMX	GRI YELI RED		
TRACK CLEAR	23I OI	OI 3.OI	1.6		
-----MIN	DLIPMTEXT	IMX TMI	YELI RED		
DWL/CYC-EXIT	12I 0.0I	OI25.5I	25.5		
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

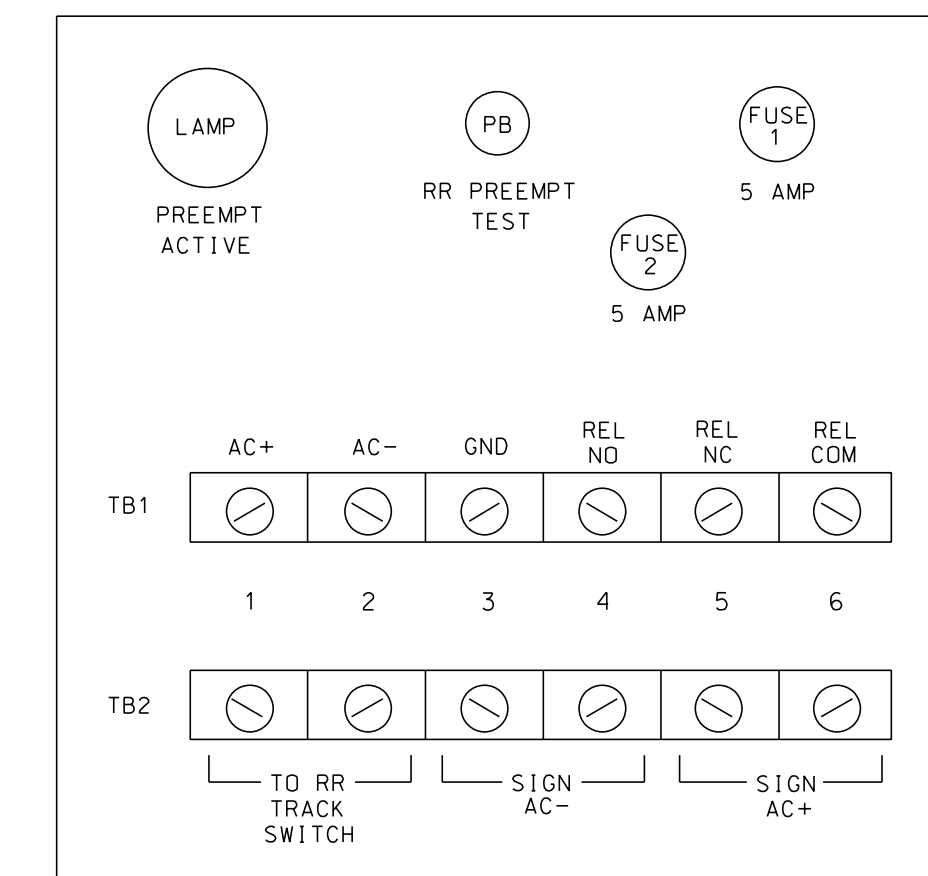
(wire as shown below)



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



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 09-0360
 DESIGNED: November 2022
 SEALED: November 8, 2022
 REVISED:

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ELECTRICAL AND PROGRAMMING DETAILS FOR: Prepared for the Offices of: 	US 311 (S.Main St.) at NC 65 [North Intersection]		SEAL
	Division 9 Stokes County Wainut Cove PLAN DATE: November 2022 REVIEWED BY: J O Deaton PREPARED BY: M W Yalch REVIEWED BY:		
	REVISIONS INIT. DATE SIGNATURE DATE SIG. INVENTORY NO. 09-0360		

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