

PREEMPTION PROGRAMMING

Front Panel
Main Menu > Controller > Preemption > Preempt Phasing/Preempt Parameters

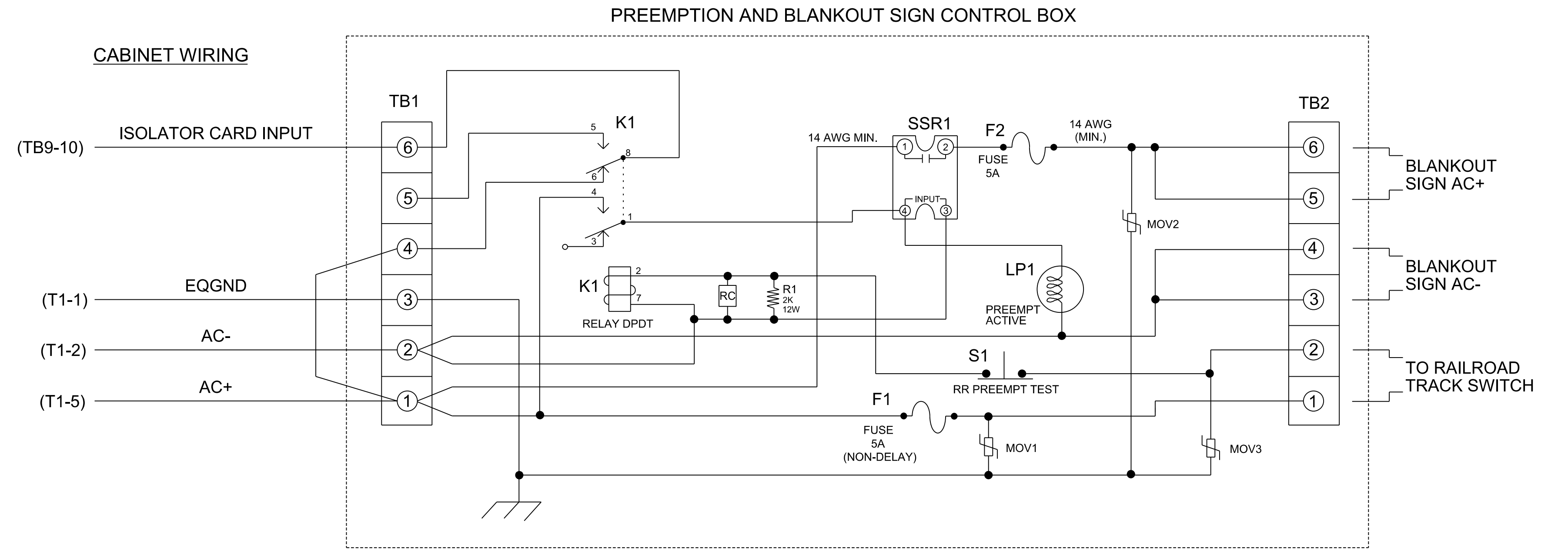
Web Interface
Home > Controller > Preempt Configuration > Preempts

Preempt Configuration

Preempt	1
Enabled	Enabled
Type	Rail Road
Track Phases	39
Track Overlaps	1
Dwell Phases	6
Dwell Overlaps	-
Cycling Phases	-
Cycling Overlaps	-
Exit Phases	3,8
Exit Overlaps	1,7
Delay	0
Max Presence	0
Max Pres Act	Terminate
Enter Min Green	1
Enter Walk	0
Enter Ped Clear	0
Enter Yellow Change	5.6
Enter Red Clear	2.4
Track Green	22
Track Yellow Clr	3.0
Track Red Clear	2.4
Dwell Green	0
Exit Min Green	255
Exit Yellow Change	25.5
Exit Red Clear	25.5
Call Ext Time	1.0
Exit Type	Exit Phases
Not Ovrdr Flash	X
Not Ovrdr Nxt Pre	-
Track Clear Ovrdr	X
Ped Clr During Yellow	X
Entry Omit OLTG	X
Track Reserve	X

RAILROAD PREEMPTION WIRING DETAIL

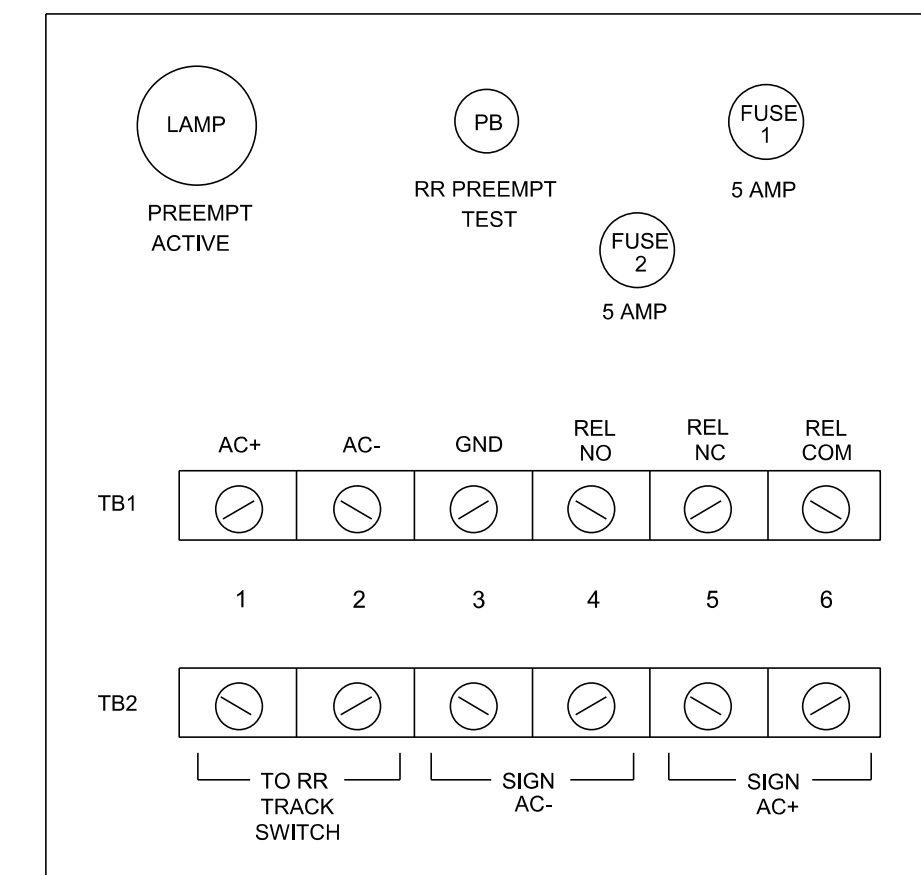
(wire as shown below)



NOTES

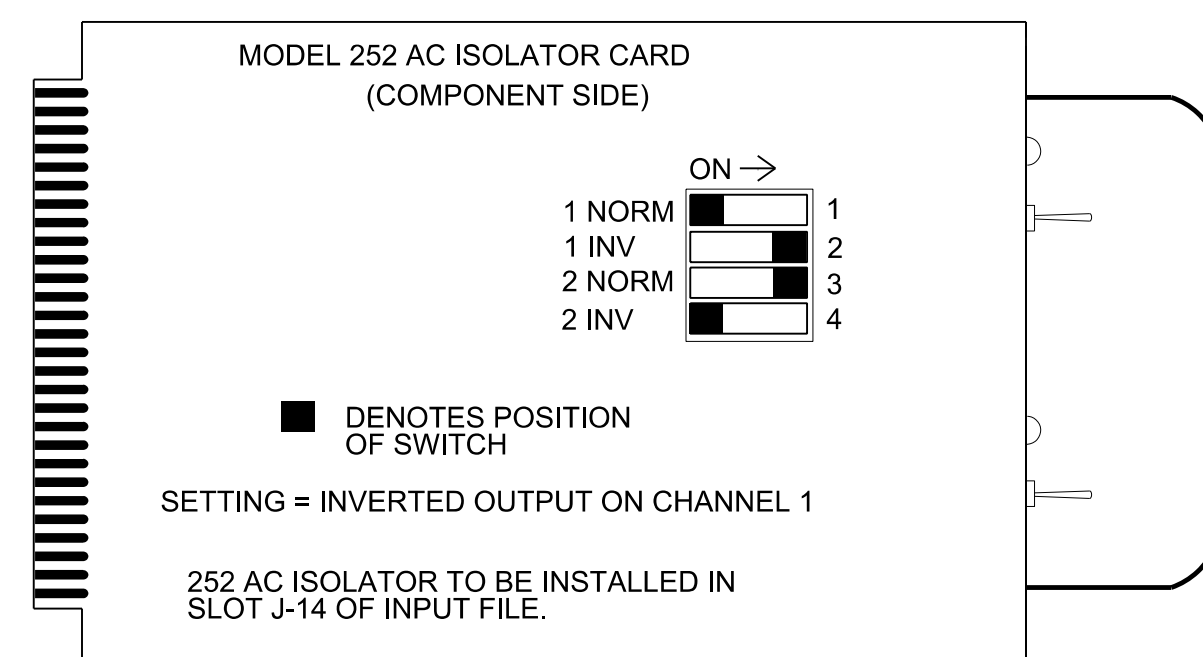
- Relay K1 is shown in the energized (Preempt not active) normal operation state.
- Relay K1 is a DPDT with 120VAC coil with octal base.
- Relay SSR1 is a SPST (normally open) Solid State Relay with AC input and AC (25 amp) output.
- AC Isolator Card shall activate preemption upon removal of AC+ from 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)



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 08-0268
DESIGNED: August 2024
SEALED: August 28, 2024
REVISED: N/A

New Installation-Final Design-Electrical Detail-Sheet 3 of 3

Electrical and Programming Details For:

Prepared for the Offices of:

750 N. Greenfield Pkwy, Garner, NC 27529

NC 211 WB (Aberdeen Rd)
At
SR 1219 (Plank Rd)

Division 8	Hoke County	Ashley Heights
PLAN DATE: August 2024	REVIEWED BY: DT Sears	
PREPARED BY: VS Kondapally	REVIEWED BY: W.P. Erickson-Jones	
REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
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8/28/2024
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