

PREEMPTION PROGRAMMING

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

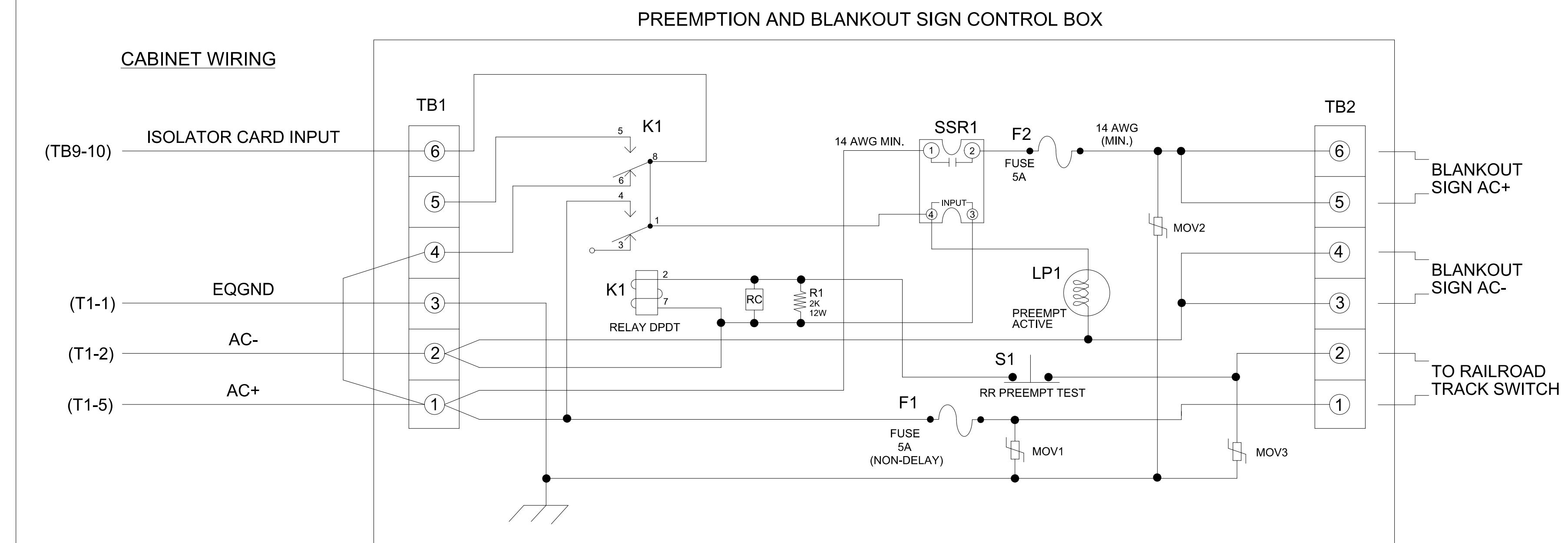
Web Interface
Home >Controller >Preempt Configuration >Preempts

Preempt Configuration

Preempt	1
Enabled	Enabled
Type	Rail Road
Track Phases	1, 6, 39
Track Overlaps	1, 3
Dwell Phases	3
Dwell Peds	-
Dwell Overlaps	5
Cycling Phases	3, 5
Cycling Peds	-
Cycling Overlaps	3, 5
Exit Phases	2, 6
Exit Overlaps	1, 3
Delay	0
Call Ext Time	1.0
Max Presence	0
Max Pres Act	Terminate
Enter Min Green	1
Enter Walk	1
Enter Ped Clear	0
Enter Yellow Change	4.6
Enter Red Clear	3.3
Track Green	37
Track Yellow Clr	4.6
Track Red Clear	2.6
Dwell Green	7
Exit Min Green	255
Exit Yellow Change	25.5
Exit Red Clear	25.5
Exit Type	Exit Phases
Non Locking Memory	-
Not Ovrd Flash	X
Not Ovrd Nxt Pre	-
Require All Red Entry	-
Track Clear Ovrd	X
Ped Clear During Yellow	-
Entry Omit OLTG	X
Track Reserve	X

RAILROAD PREEMPTION WIRING DETAIL

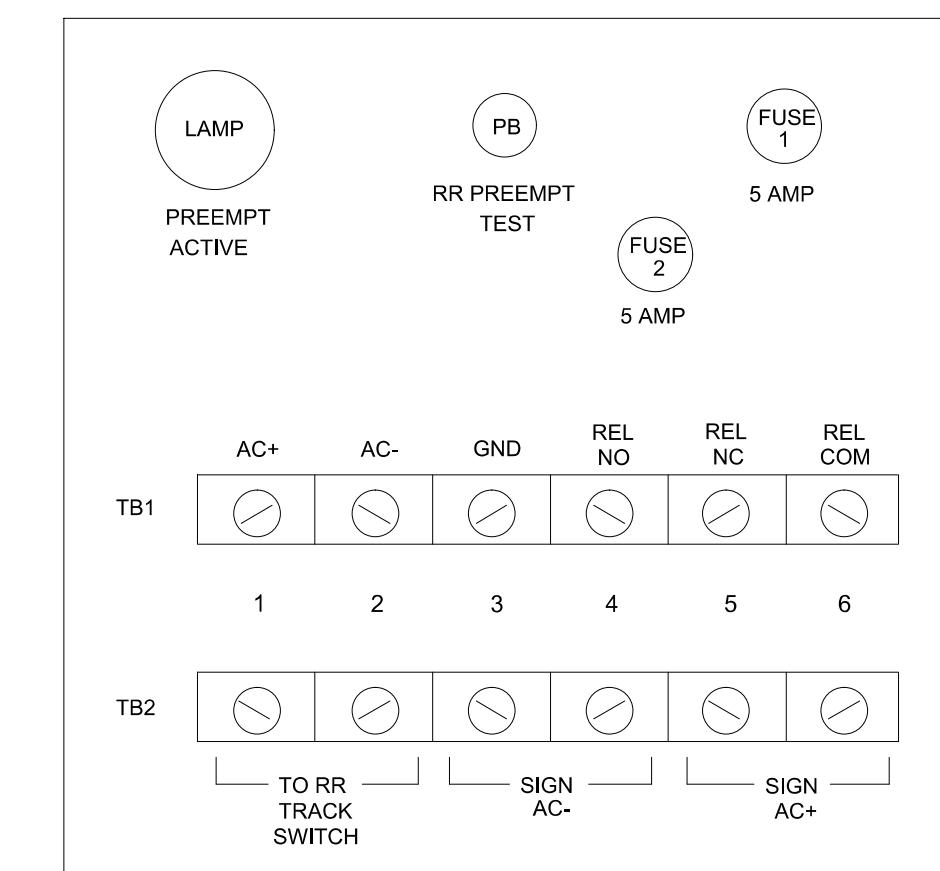
(wire as shown below)



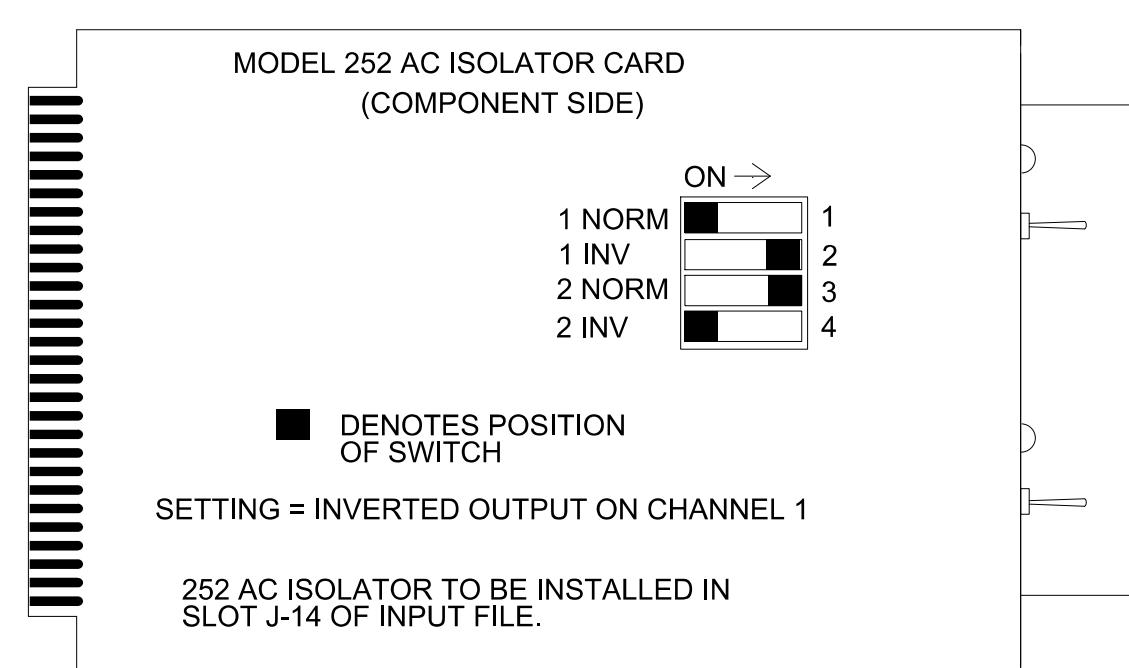
NOTES

1. Relay K1 is shown in the energized (Preempt not active) normal operation state.
2. Relay K1 is a DPDT with 120VAC coil with octal base.
3. Relay SSR1 is a SPST (normally open) Solid State Relay with AC input and AC (25 amp) output.
4. 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.
5. **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: 06-1387T2
DESIGNED: Jan 2026
SEALED: 1/27/2026
REVISED:

Temporary Design 2 - TMP Phase V, Step 2
Electrical Detail - Sheet 3 of 4



Electrical and Programming Details For:		NC 211 (N. Roberts Avenue) at Boomerang Drive / Restaurant Driveway	
Prepared for the Offices of: North Carolina Department of Transportation Mobility and Safety Division Division of Signals Management Section		SEAL 040329 ENGINEER RENT M. MOODY DATE 1/27/2026 DocuSigned by Trust Moody DATE 1/27/2026 SIG. INVENTORY NO. 06-1387T2	
Division 6	Robeson County	Lumberton	
PLAN DATE:	Jan 2026	REVIEWED BY:	B.J. Roth-Roffy
PREPARED BY:	J.C. Grimm	REVIEWED BY:	T.M. Moody
REVISIONS	INIT.	DATE	
750 N. Greenfield Pkwy, Garner, NC 27529			