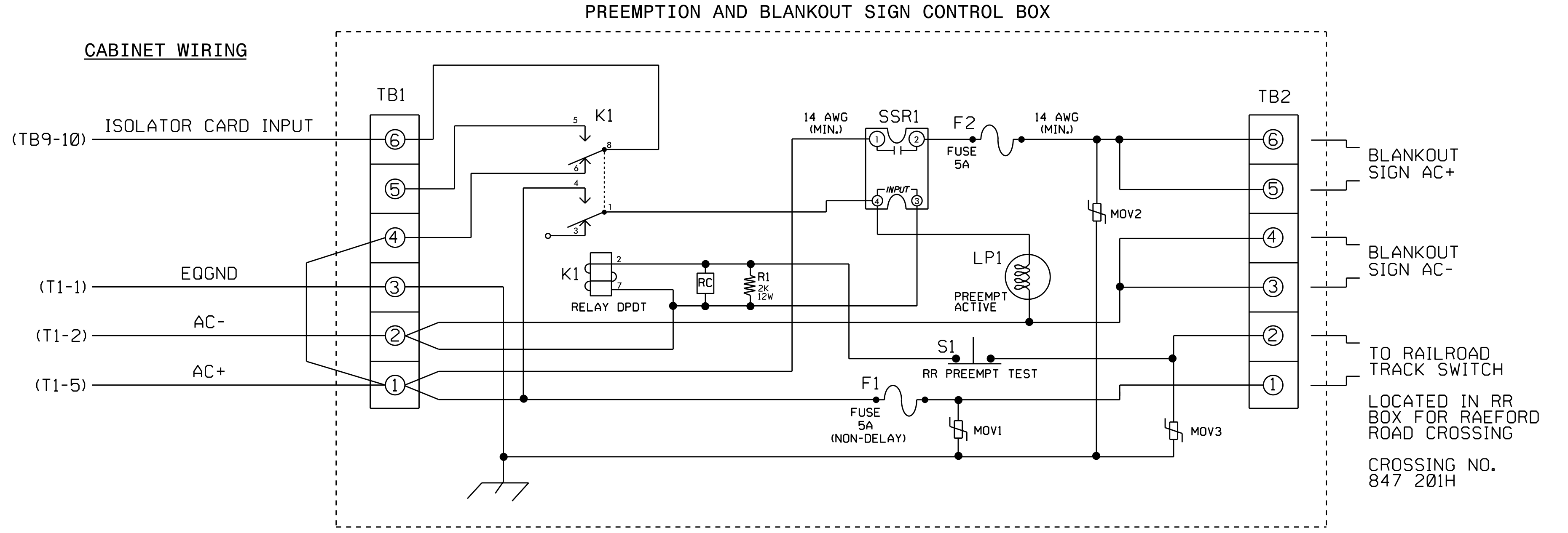
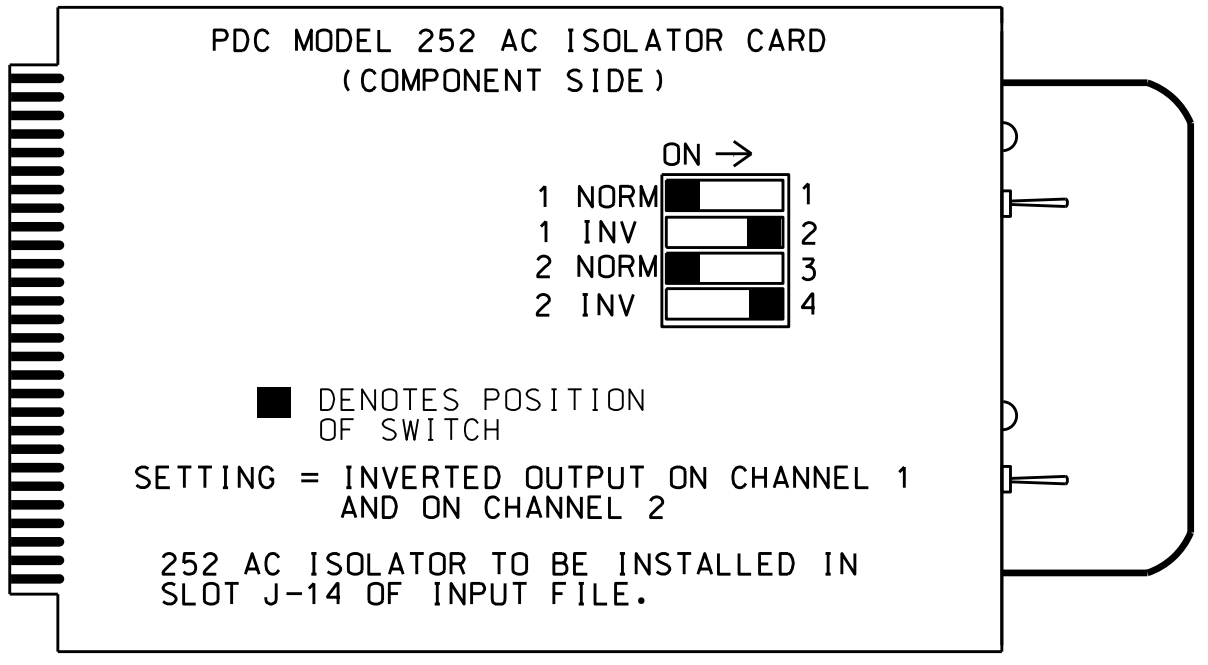


**RAILROAD PREEMPTION WIRING DETAIL FOR RR1 (LINKED RR PREEMPTS 1 & 2)**  
(wire as shown below)



**AC ISOLATOR (MODEL 252) OUTPUT PROGRAMMING DETAIL**

(set DIP switches as shown below)

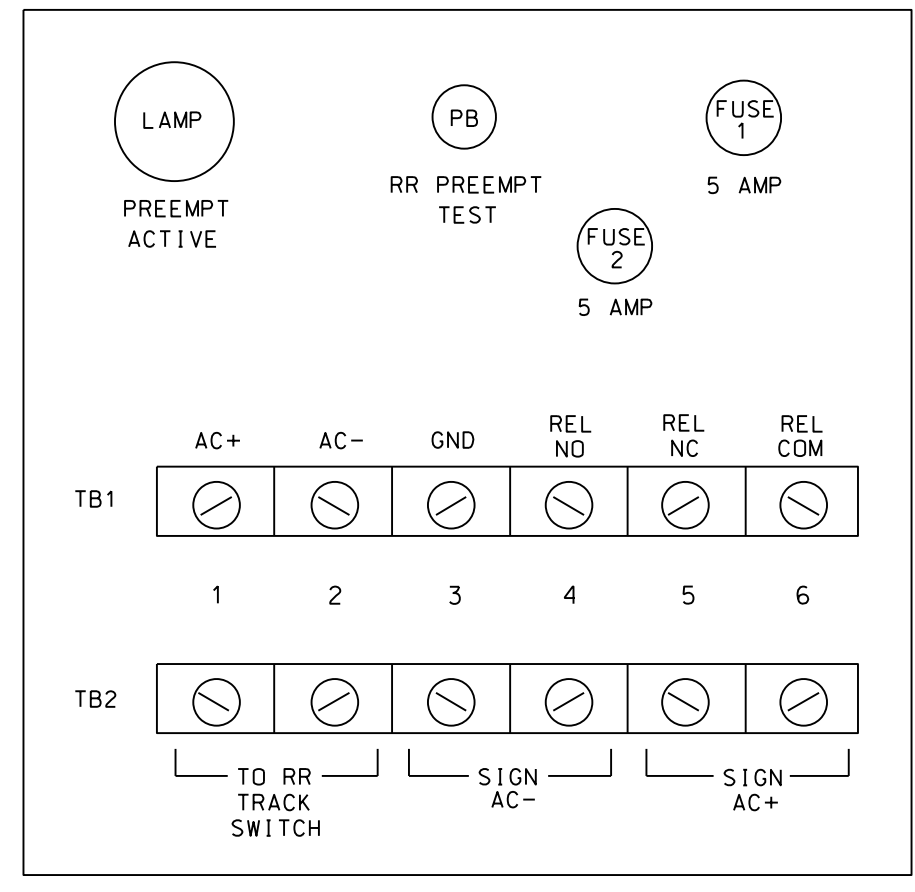


NOTE: IF ANOTHER MANUFACTURER TYPE OF AC ISOLATOR IS USED, OUTPUT PROGRAMMING IS LIKELY NOT TO EQUATE TO THAT SHOWN ABOVE.

**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 AC Isolator Output Programming Detail this sheet.
- 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: 06-0054  
DESIGNED: January 2016  
SEALED: 9/19/2016  
REVISED: N/A

Electrical Detail - Sheet 2 of 6

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	US 401 Business (Raeford Road) at McPherson Church Road/Owen Drive		SEAL 
	Division 6 PLAN DATE: September 2016 PREPARED BY: S. Armstrong	Cumberland County REVIEWED BY: BAS REVIEWED BY:	
REVISIONS			INIT. DATE
REVISIONS			INIT. DATE

20-SEP-2016 15:11  
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