

PREEMPTION PROGRAMMING

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

Web Interface

Home >Controller >Preempt Configuration >Preem

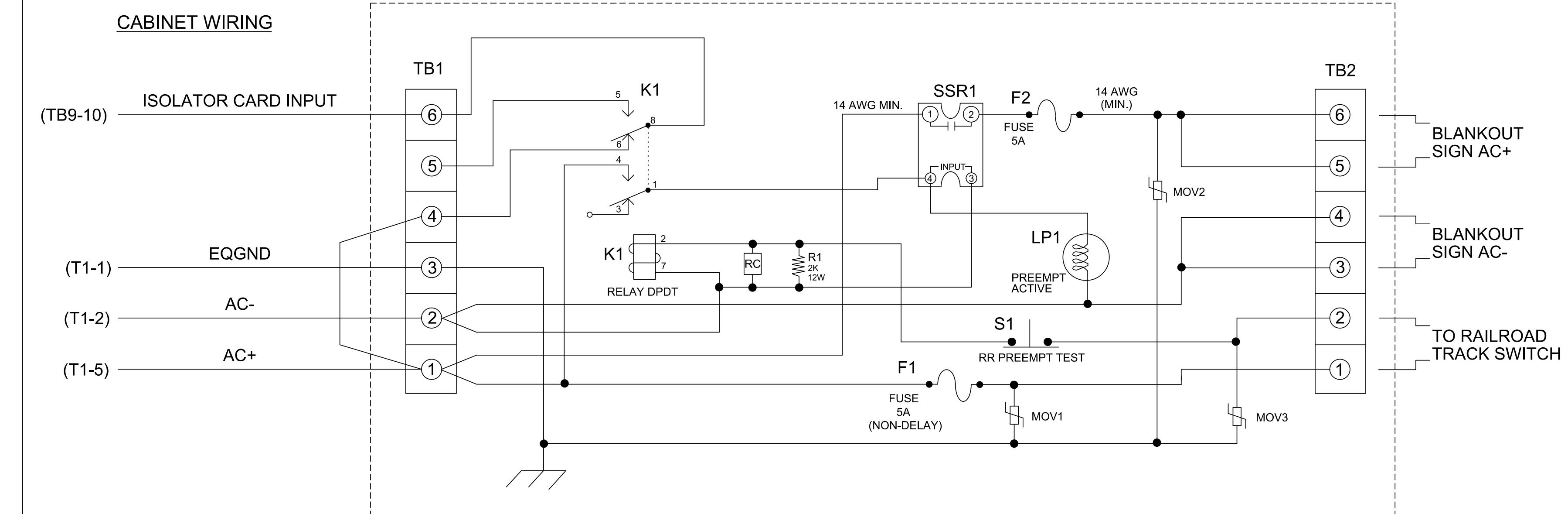
Preempt Configuration

| | |
|-------------------------|-------------|
| Preempt | 1 |
| Enabled | Enabled |
| Type | Rail Road |
| Track Phases | 1, 6, 39 |
| Track Overlaps | 1, 2, 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, 2, 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 OL TG | X |
| Track Reserve | X |

RAILROAD PREEMPTION WIRING DETAIL

(wire as shown below)

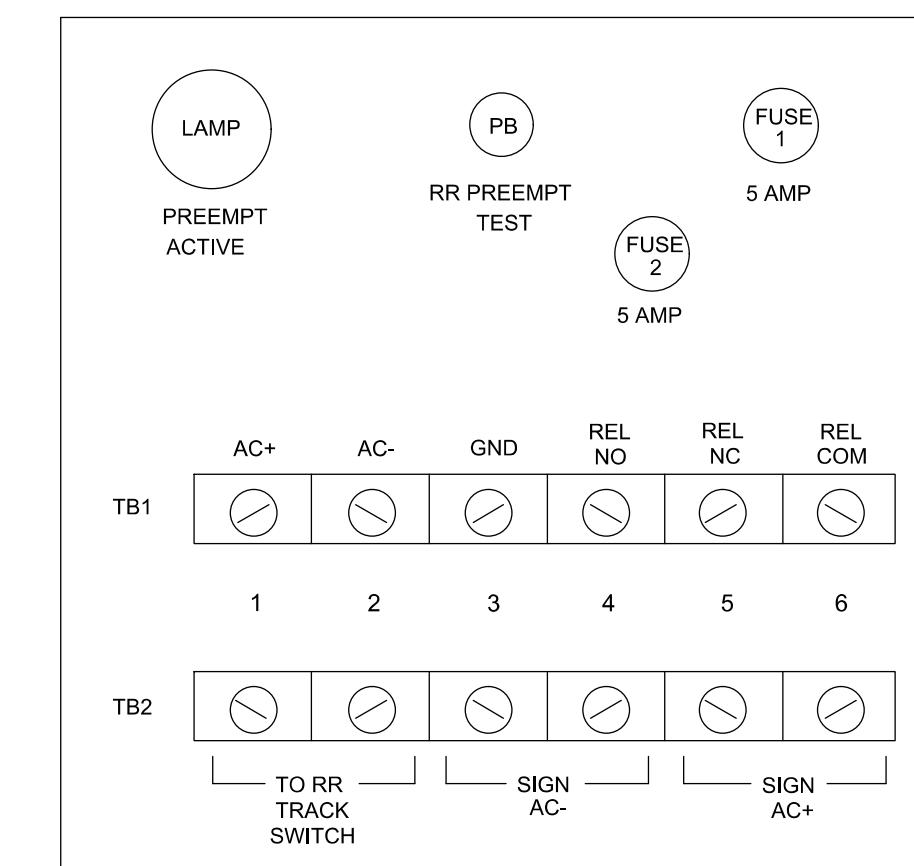
PREEMPTION AND BLANKOUT SIGN CONTROL BOX



NOTE

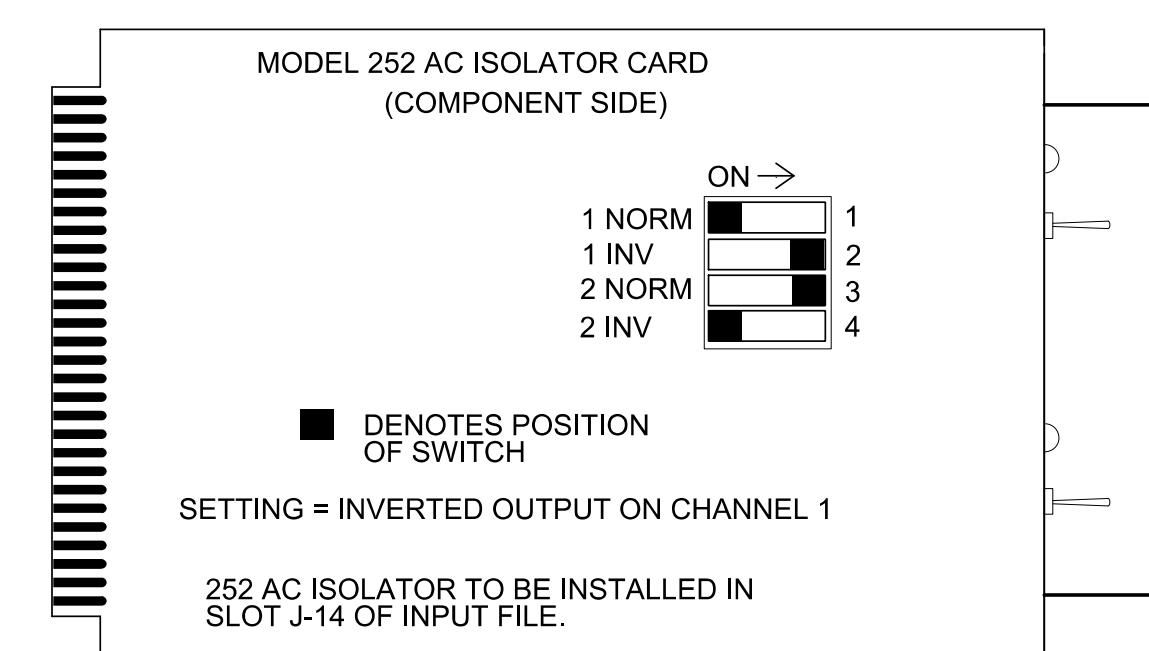
1. Relay K1 is shown in the energized (Preempt not active) normal operation state.
 2. Relay K1 is a DPDT with 120VAC coil with octal base.
 3. Relay SSR1 is a SPST (normally open) Solid State Relay with AC input and AC (25 amp) output.
 4. AC Isolator Card shall activate preemption upon removal of AC+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



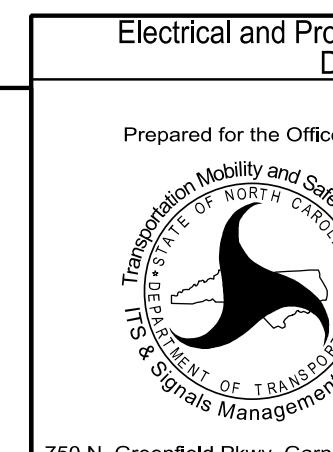
PREEMPT 1 AC ISOLATOR (MODEL 2500) OUTPUT PROGRAMMING DETAIL

(set DIP switches as shown below)



THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 06-1387T1
DESIGNED: Jan 2026
SEALED: 1/27/2026
REVISED:

Temporary Design 1 - TMP Phase III, Step 3
Electrical Detail - Sheet 3 of 4



The logo for STV Engineers, Inc. It features the lowercase letters "stv" in a bold, black, sans-serif font. The letter "v" is stylized with a vertical line extending downwards and a diagonal line forming the right side of the "v" shape.

NC 211 (N. Roberts Avenue)
at
Boomerang Drive / Restaurant Driveway

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

SEAL