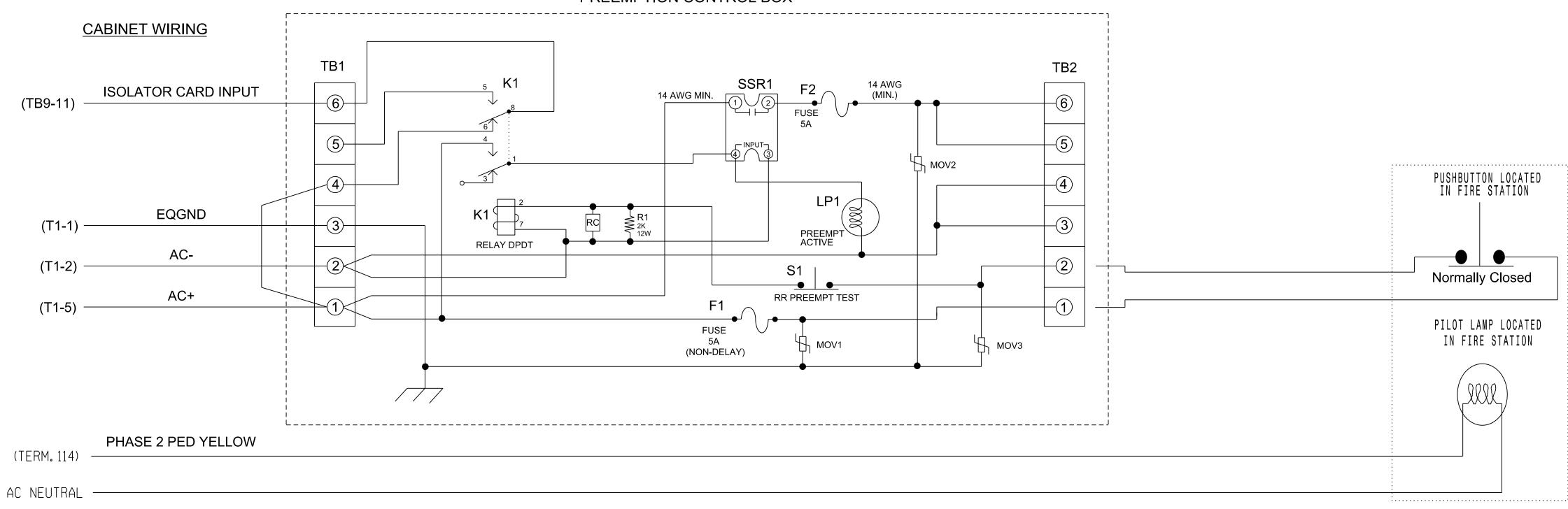
EMERGENCY VEHICLE PREEMPTION WIRING DETAIL

(wire as shown below)

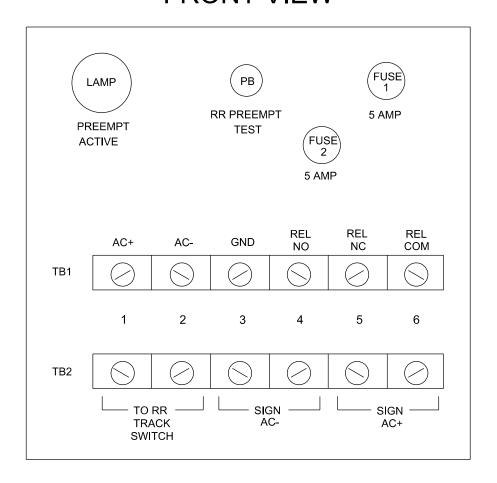
PREEMPTION CONTROL BOX



NOTES

- 1. Relay K1 is shown in the energized (Preempt <u>not</u> 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



THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 14-1304 DESIGNED: October 2023 SEALED: 4/1/2024 REVISED: NA



Electrical and Programming Details For: Prepared for the Offices of:

Electrical Detail - Sheet 3 of 3 US 64 (Brevard Road) Valley Hill Fire & Rescue

October 2023 JB Voso REVIEWED BY: PREPARED BY: KG Eudy REVIEWED BY: REVISIONS

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED SEAL 022599 4/1/2024

SIG. INVENTORY NO. 14-1304

DATE

750 N. Greenfield Pkwy, Garner, NC 27529