PREEMPTION PROGRAMMING

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

Web Interface
Home >Controller >Preempt Configuration >Preempts
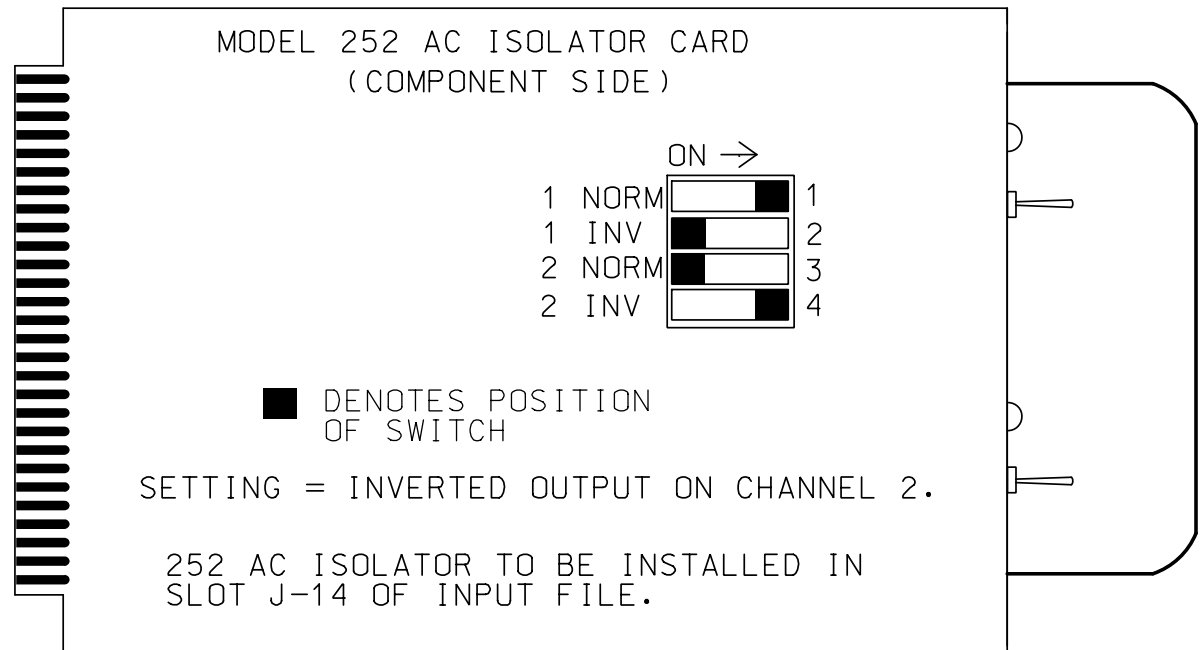
Preempt Configuration

Preempt	2
Enabled	Enabled
Type	Emergency Veh
Track Phases	-
Track Overlaps	-
Dwell Phases	3, 8
Dwell Peds	-
Dwell Overlaps	2
Cycling Phases	-
Cycling Peds	-
Cycling Overlaps	-
Exit Phases	2, 6
Exit Overlaps	1, 3, 6
Delay	*
Call Ext Time	1.0
Max Presence	0
Max Pres Act	Terminate
Enter Min Green	1
Enter Walk	0
Enter Ped Clear	255
Enter Yellow Change	25.5
Enter Red Clear	25.5
Track Green	-
Track Yellow Clr	-
Track Red Clear	-
Dwell Green	*
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	-
Track Reserve	-

* Value to be determined in the field

PREEMPT 2 AC ISOLATOR (MODEL 252) OUTPUT PROGRAMMING DETAIL

(set DIP switches as shown below)

MODEL 252 AC ISOLATOR CARD
(COMPONENT SIDE)

ON →

1 NORM	1
1 INV	2
2 NORM	3
2 INV	4

■ DENOTES POSITION
OF SWITCH

SETTING = INVERTED OUTPUT ON CHANNEL 2.

252 AC ISOLATOR TO BE INSTALLED IN
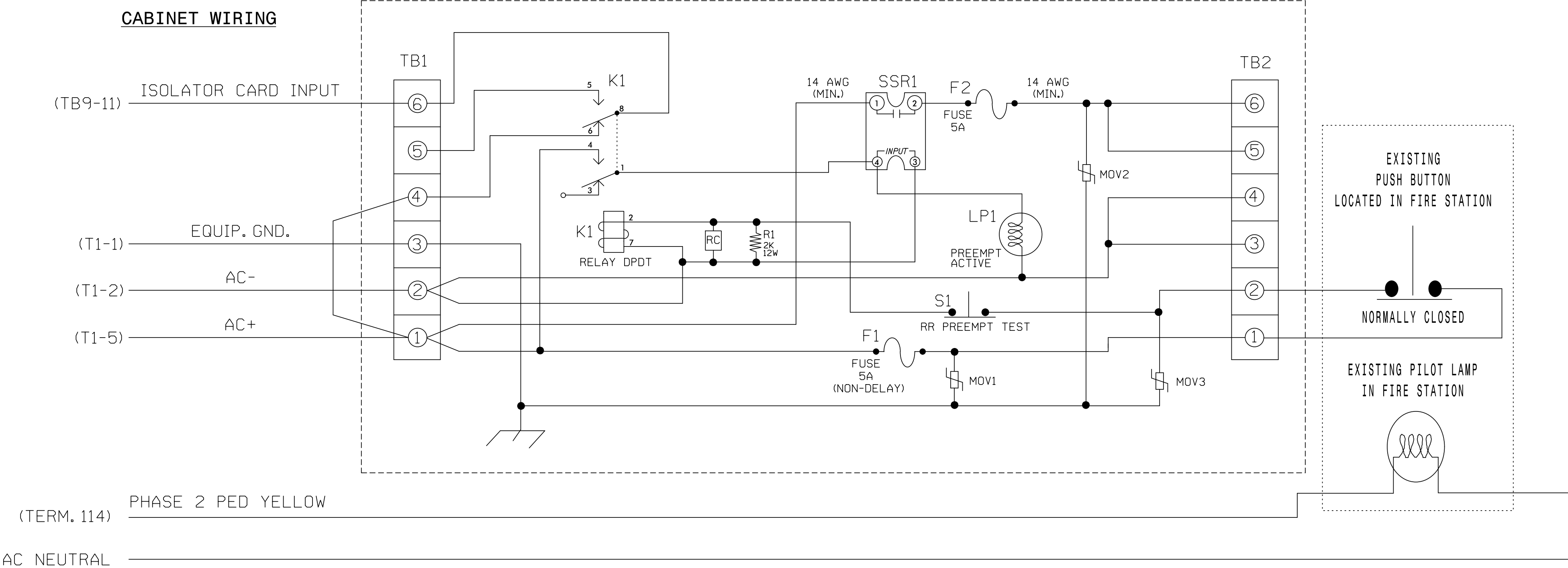SLOT J-14 OF INPUT FILE.

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

EMERGENCY VEHICLE PREEMPTION WIRING DETAIL

*(wire as shown below)*

PREEMPTION AND PILOT LAMP CONTROL BOX

CABINET WIRING

(TERM. 114)   PHASE 2 PED YELLOW

AC NEUTRAL

NOTES

1. Relay K1 is shown in the energized
   (Preempt not active) normal operation state.

2. Relay K1 is a DPDT Relay with 120VAC coil and 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. Resistor is valued at 2K ohm, 12 watt.

6. RC network is valued at .1 microfarad, 100 ohm.

7. 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) must be connected to
   AC neutral (jumper may have to be added).

NOTES

1. If field terminal 114 has a conflict monitor
   wire attached, remove, tape, and label wire.

2. Make sure load resistors are in place as shown
   in the Load Resistor Installation Detail on Sheet 1.
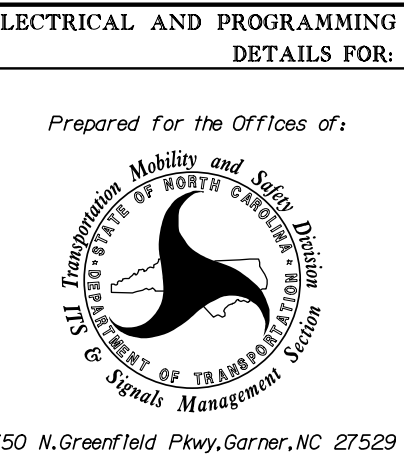
3. Install a loadswitch in Output File Slot S3.

FRONT VIEW
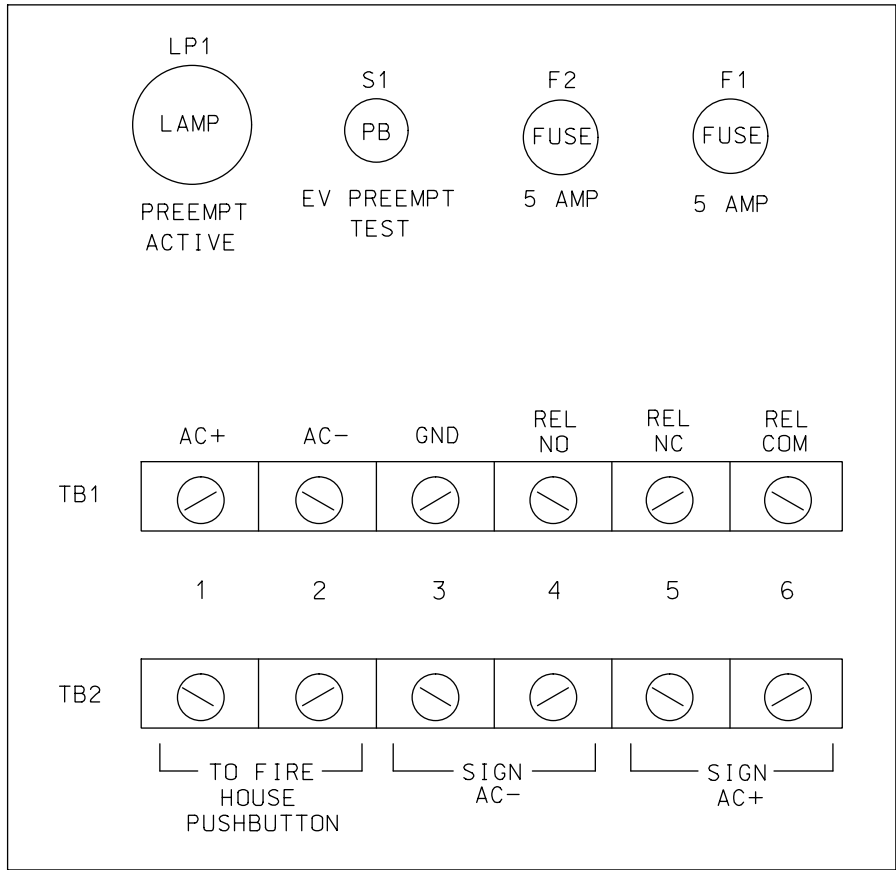
THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 06-0897T2
DESIGNED: Feb 2025
SEALED: 03/19/2025
REVISED:

Temporary Design 2 - TMP Phase V, Step 1
Electrical Detail - Sheet 3 of 3

ELECTRICAL AND PROGRAMMING
DETAILS FOR:

Prepared for the Offices of:

NC 211 (N. Roberts Avenue)
at
Walnut Street

Division 6	Robeson County		Lumberton
PLAN DATE:	Feb 2025	REVIEWED BY:	H.M. Surti
PREPARED BY:	R.L. Aristondo	REVIEWED BY:	T.M. Moody

REVISIONS | INIT. | DATE

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ENGINEER
TRENT M. MOODY

Trent Moody   03/19/2025
SIGNATURE   DATE

SIG. INVENTORY NO. 06-0897T2