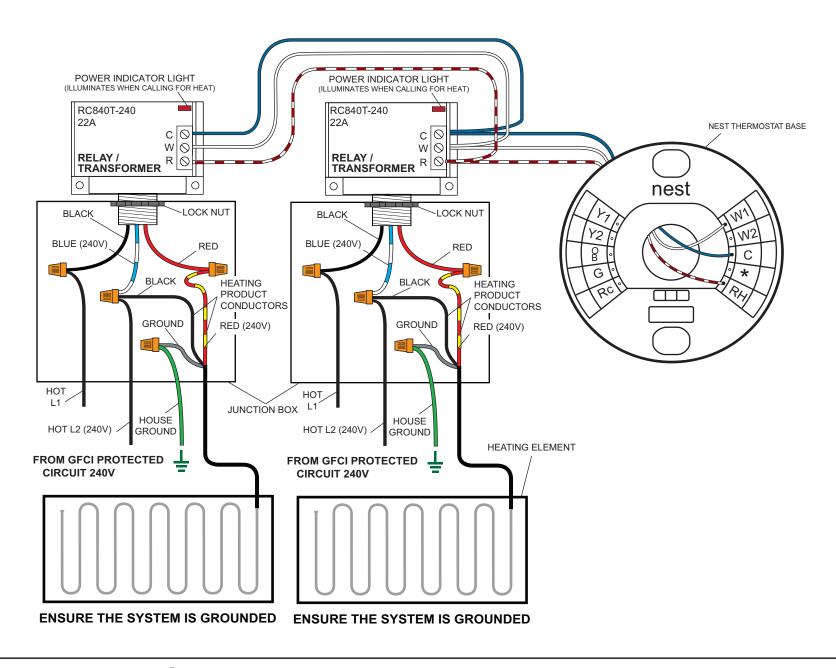


WIRING DIAGRAM

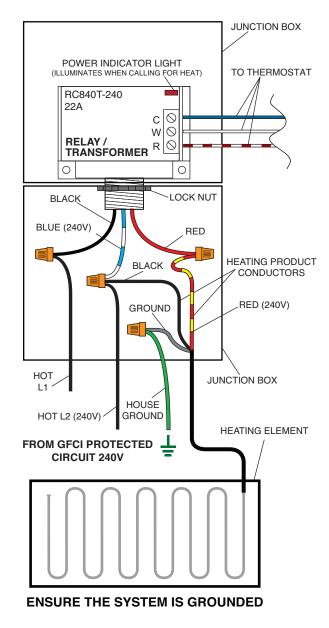
240V TEMPZONE, ENVIRON TO RC840T-240 RELAY AND NEST THERMOSTAT

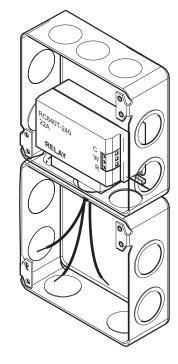




WIRING DIAGRAM

240V TEMPZONE, ENVIRON TO RC840T-240 RELAY AND NEST THERMOSTAT





- 1. INPUT VOLTAGE TO THE RELAY, VOLTAGE OF THE RELAY ITSELF AND THE VOLTAGE OF THE MAT SHOULD BE ALWAYS THE SAME.
- 2. IF MULTIPLE MATS ARE USED. IT MAY BE EASIER TO RUN THE COLD LEADS TO A JUNCTION BOX FIRST, AND THEN CONNECT THE JUNCTION BOX TO THE RELAY.
- 3. RELAY IS RATED FOR 22 AMPS MAX, 30 AMP MAX BREAKER WITH 5mA GFCI IS REQUIRED.
- 4. ADDING A COMMON "C" WIRE IS NOT REQUIRED IN 99% OF INSTALLATIONS.
- 5. USE A 22-18 AWG SIZE SOLID COPPER WIRE BETWEEN RELAY AND NEST THERMOSTAT BASE. THE EXPOSED WIRE SHOULD BE 3/8" AND STRAIGHT.
- 6. LOCAL ELECTRICAL CODE MAY REQUIRE THE USE OF E.N.T. TUBING TO PROTECT ANY LOW VOLTAGE WIRES IN THE SAME JUNCTION BOX AS HIGH VOLTAGE WIRES.
- THE RC840T MUST BE INSTALLED IN AN AREA WHERE THE TEMPERATURE IS BETWEEN -4°F AND 140°F
- THE RC840T CAN BE INSTALLED ON THE SIDE OF THE PRESENT BOX OR INSIDE OF A SEPARATE ELECTRICAL BOX OR A DISTRIBUTION PANEL.
- ALL WIRING MUST COMPLY WITH NATIONAL AND LOCAL ELECTRICAL CODE REGULATIONS. - INSTALLATION SHOULD BE CARRIED OUT BY A LICENSED ELECTRICIAN.
- DISCONNECT POWER SUPPLY BEFORE INSTALLING THE RELAY TO PREVENT ELECTRICAL SHOCK.
- SECURE RELAY TO THE MOUNTING SURFACE USING THE TWO MOUNTING BRACKETS. USE THE SUPPLIED LOCK NUT TO SECURE THE RELAY TO THE JUNCTION BOX.
- WIRE THE RELAY AND CONNECT ACCORDING TO TYPICAL WIRING DIAGRAMS, ONCE MOUNTING AND WIRING HAVE BEEN COMPLETED, RETURN POWER TO THE HEATING SYSTEM AND TEST THE INSTALLATION.
- INCREASE THE THERMOSTAT TEMPERATURE TO ACTIVATE THE RELAY. ALLOW THE SYSTEM TO OPERATE LONG ENOUGH TO CONFIRM CORRECT INSTALLATION. ONCE INSTALLATION HAS BEEN CONFIRMED. SET TEMPERATURE TO NORMAL SETPOINT.

