



# Installation and Specifications

The line powered **Modular Ring Relay** has two mod jacks on one side of the box. These two jacks are for the phone line. If you need it going out to a phone or CPE device use the other jack. The two jacks are bridged together. It doesn't matter which one you use.

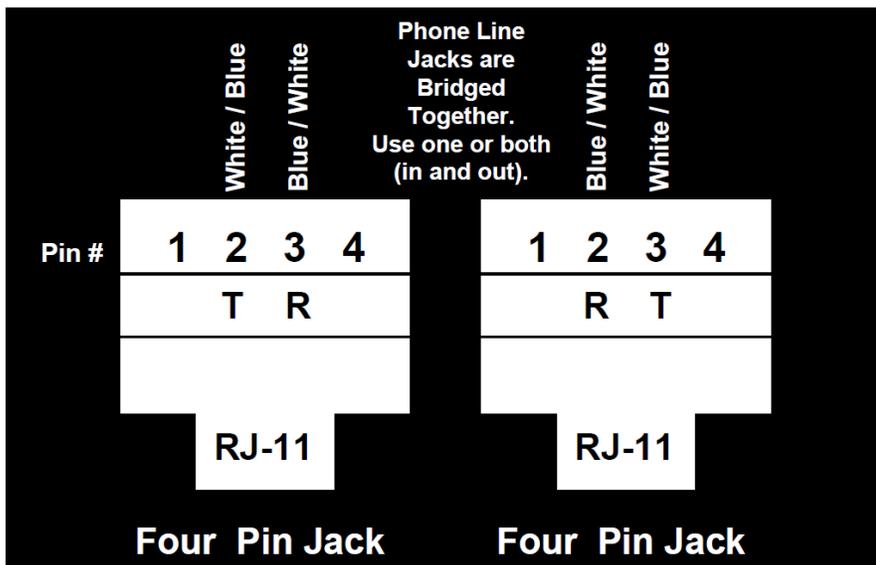
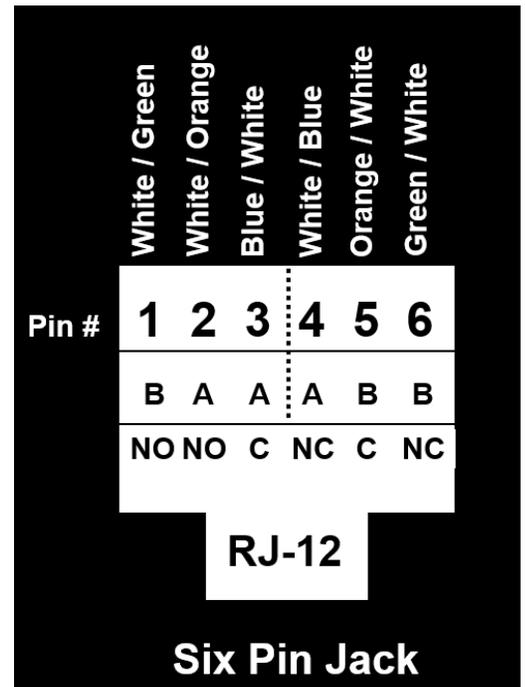
The DPDT relay contacts are brought out on a 6 Pin Modular Jack on the opposite side of the box (pinout diagram below) through a short solid wire 6 conductor cord (included) that can be punched down to a block or spliced to other wires (use UY connectors / B-Wire Connectors – not included).

The relay contacts will go on and off following the ring cadence of the line it's connected to.

### Ring Relay Specs:

- Connects bridged **ACROSS** the line (connect either jack)
- Includes an LED to indicate Ringing
- Follows cadence of ring (but no AC flutter during ringing)
- Ignores Ring-Tap from pulse dialing or phones on the same line being hung-up
- 2 form C contacts (DPDT) on a 6P6C modular jack (RJ-12)
- 0.5 REN ring load
- Detects ringing from 40-150VAC, 20-30 Hz

NOTE: If you connect a 4 wire (instead of 6 wire) mod cord for the relay you can only access the A pole on pins 2, 3 and 4 (OK for most applications).



The 2-form-C (DPDT) relay is brought out on a 6 Pin (6P6C) jack. The two poles are referred to as A and B.

- Pin 1: B - Normally Open
- Pin 2: A - Normally Open
- Pin 3: A - Common
- Pin 4: A - Normally Closed
- Pin 5: B - Common
- Pin 6: B - Normally Closed