

Modular Ring Relay

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.

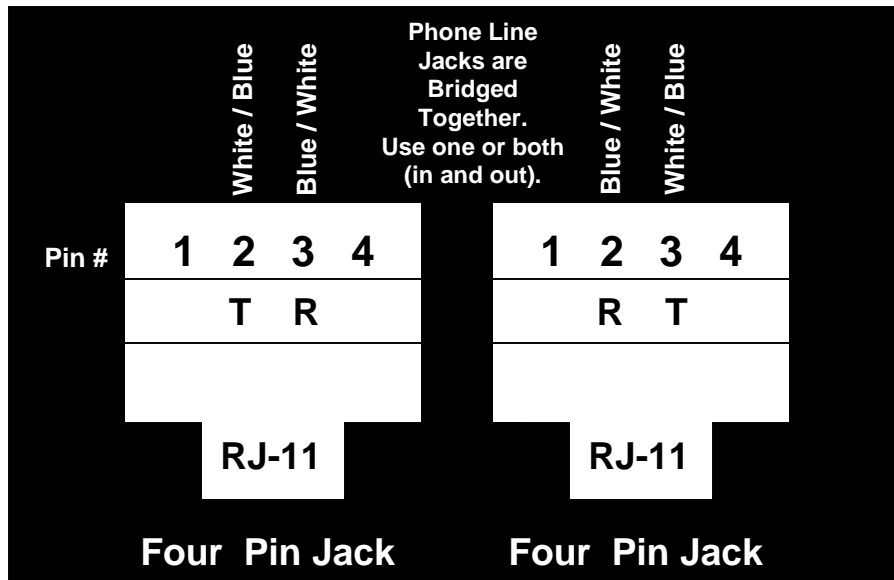
The DPDT relay contacts are brought out on a 6 Pin Modular Jack on the opposite side of the box (pinout diagram below) through a short solid wire 6 conductor cord (included) that can be punched down to a block or spliced to other wires (use UY connectors / B-Wire Connectors – not included).

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:

1. B-N/O
2. A-N/O
3. A-Common
4. A-N/C
5. B-Common
6. B-N/C

N/O = Normally Open
N/C = Normally Closed

