Installation and Specifications

The line powered **Modular In-Use Relay** has two mod jacks on one side of the box. These two jacks are for the phone line and the telephone or CPE device. It doesn't matter which jack you use for which, but the electricity **must** pass through this device before getting to the phone for the relay to operate when the phone is off-hook.
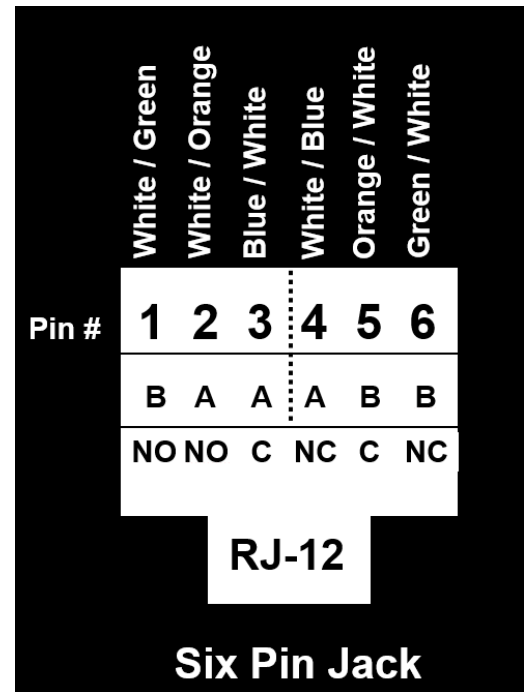
The DPDT relay contacts are brought out on a 6 Pin Modular Jack on the opposite side of the box (pinout diagram below) through a short solid wire 6 conductor cord (included) that can be punched down to a block or spliced to other wires (use UY connectors / B-Wire Connectors – not included).

The relay contacts will go on and off depending on whether the phone is off-hook or on-hook. The relay operates when current is flowing between the jacks when the phone or phone equipment is off-hook.

Modular In-Use Relay Specs:
- Connects **INLINE** to the phone line through the 2 jacks (use either jack for in/out)
- Includes an LED to indicate Off-Hook
- Ignores ringing and pulse dialing
- 2 form C contacts (DPDT) on a 6P6C modular jack (RJ-12)
- Relay contacts are for **low voltage / low current** devices. Use it to operate a bigger *slave relay* for higher current or higher voltage applications.

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).

Six Pin Jack

Pin #	White / Green	White / Orange	Blue / White	White / Blue	Orange / White	Green / White
	1	2	3	4	5	6
	B	A	A	A	B	B
	NO	NO	C	NC	C	NC

RJ-12

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

Phone Line Jacks are Bridged Together. Use one or both (in and out).

Pin #	White / Blue	Blue / White		Blue / White	White / Blue
	1	2	3 4	1 2	3 4
	T	R		R	T

RJ-11   RJ-11

Four Pin Jack   Four Pin Jack