

TEST of one Pole of the 5-Volt DIP DPDT RELAY:

- Below is a captured screen from an oscilloscope.
- The trigger condition for both traces is indicated with a letter “T”. The oscilloscope triggers when the Relay’s coil is energized.
- The relay was wired so that the common pin was grounded.
- Both NO and NC pins were connected to +5VDC through a 1K resistor.
- Trace 1 is the NO signal, and Trace 2 is the NC signal.
- Note that the NC line releases at about 2.65 ms after the relay coil is powered and note that the signal transition is a bit noisy.
- Note also that the NO line connects to ground cleanly at about 3.8 ms, with a noisy transition beginning at 3.2 ms after the trigger. For the time between 2.65 ms and 3.2 ms both NO and NC lines are high.

RELAY TEST TO HIGHLIGHT DELAYS

