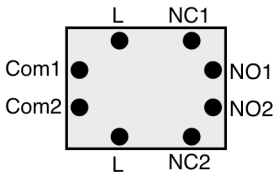


The relay in this pack has a coil designed to operate at 12V DC. The coil resistance is nominally 400-ohms, so the coil current for 12V operation is about 30mA (0.03A). Contact rating; 1A. The coil connections are designated L on the base diagram.



The relay has two changeover poles. When the coil is not energised, each *common* terminal (Com1, Com2) is connected to the corresponding *normally-closed* terminal (NC1, NC2). When the coil is energised, each *common* terminal is connected to the corresponding *normally-open* terminal (NO1, NO2).

**CAUTION:** When a relay coil is disconnected, a high-voltage spike will be generated. If de-energised via a switch, contact arcing will occur. If de-energised via an electronic device (e.g. a transistor), then the spike may destroy the device. To overcome this problem, connect a diode across the relay coil such that its cathode (end usually marked with a band) is connected to the positive of the energising source. A small-signal switching diode (e.g. 1N914, 1N4148, etc.) should be chosen.