

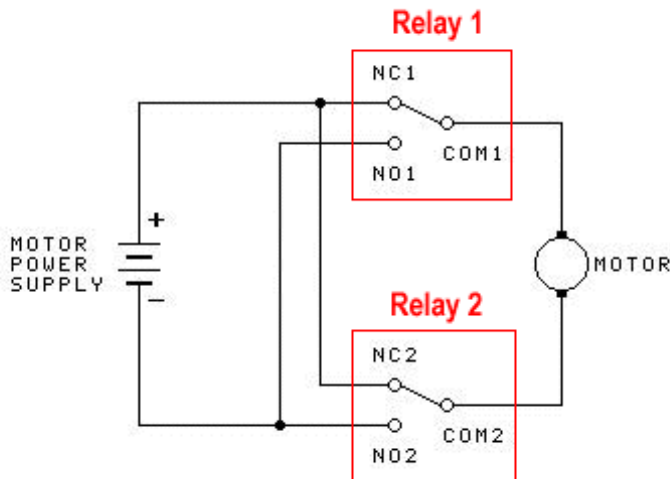
## DC Voltage Polarity Reversal Motor Relay Diagram

The wiring diagram below shows how two relays can be used to reverse the polarity of a DC supply voltage, making it possible to control the direction of a DC motor.

Activating Relay1 will make the motor turn in one direction (forward).

Activating Relay2 will make the motor run in the opposite direction (reverse).

When both relays are either Off or On, there will be no potential difference across the motor so it will not run.



### Suitable Relay Boards from [QuasarElectronics.co.uk](http://QuasarElectronics.co.uk)

We have a choice of 2-channel relay boards that can be utilised in different applications. Here are a few options – see our website for the full range.

#### Standard Relay Boards

3156 - 2-Channel Hi/Lo Switched Relay Board - [quasarelectronics.co.uk/Item/3156.htm](http://quasarelectronics.co.uk/Item/3156.htm)

8045 - 2-Channel 5A Handy Relay Board - [quasarelectronics.co.uk/Item/8045.htm](http://quasarelectronics.co.uk/Item/8045.htm)

#### Timer Relay Boards

Cebek I-27 - 2-Channel Sequential Relay Timer, 1 to 180 second - [quasarelectronics.co.uk/ci027.htm](http://quasarelectronics.co.uk/ci027.htm)

Cebek I-28 - 2-Channel Sequential Relay Timer, 2 to 45 minute - [quasarelectronics.co.uk/ci028.htm](http://quasarelectronics.co.uk/ci028.htm)

#### RF Remote Control Boards

3157 - 2-Channel High Current RF Remote Control Set - [quasarelectronics.com/3157.htm](http://quasarelectronics.com/3157.htm)

3180 - 4-Channel RF Remote Control Relay Board - [quasarelectronics.com/3180.htm](http://quasarelectronics.com/3180.htm)