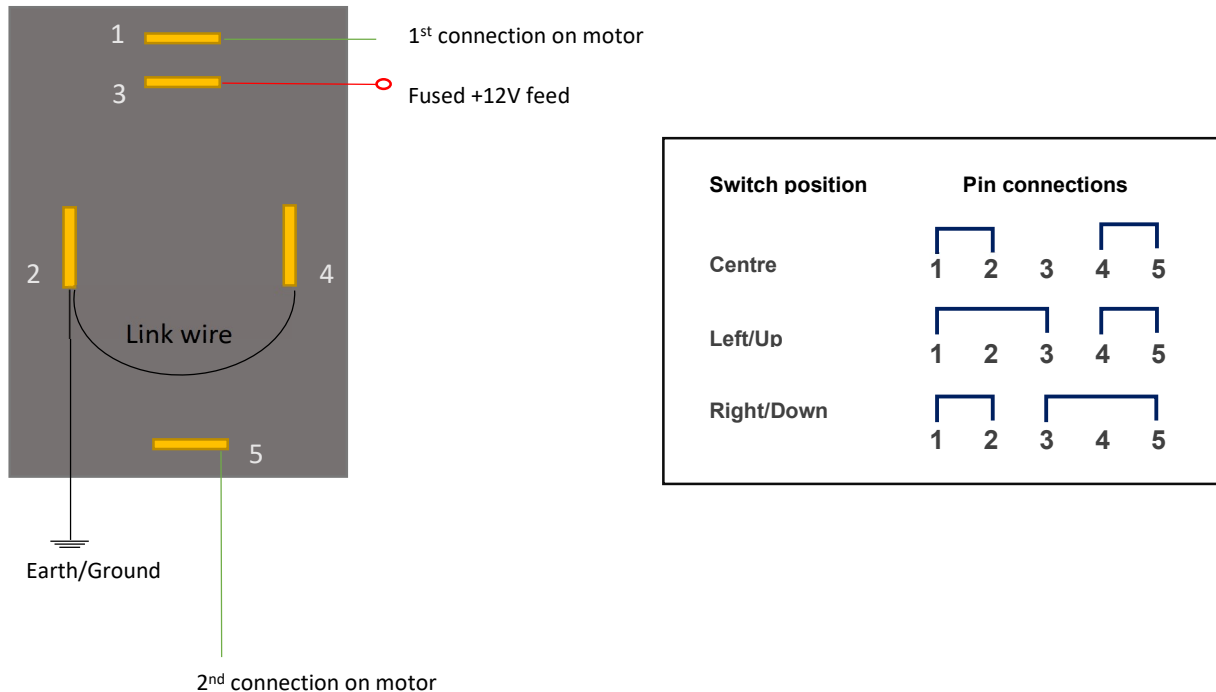


Wiring Diagram for CBE 3 Position, Polarity Reversing Momentary Flat Switch – Grey



Description of operation

The switch works by reversing the polarity of pin 1 or pin 5 (and so the output to the motor) , depending on which side of the switch is pressed. With the switch in its centre position pins 1 and 2 are connected and pins 4 & 5 are connected, so the outputs to the motor connections (pins 1 & 5) both rest at ground and the motor does not run.

When the switch is pressed to the left, pin 1 is disconnected from pin 2 and connected to pin 3, making the 1st connection to the motor +ve whilst the 2nd connection from pin 5 is still at ground (0V), so the motor turns in one direction.

When the switch is pressed to the right, the opposite happens, so pin 5 is disconnected from pin 4 and connected to pin 3, making the 2nd connection to the motor live, whilst the 1st connection from pin 1 is still at ground (0V), so the motor turns in the opposite direction.

Once installed, if you find the window/aerial/step moves in the opposite direction to the switch orientation, simply swap the connections to pins 1 & 5 (or turn the switch around in the panel cut-out).