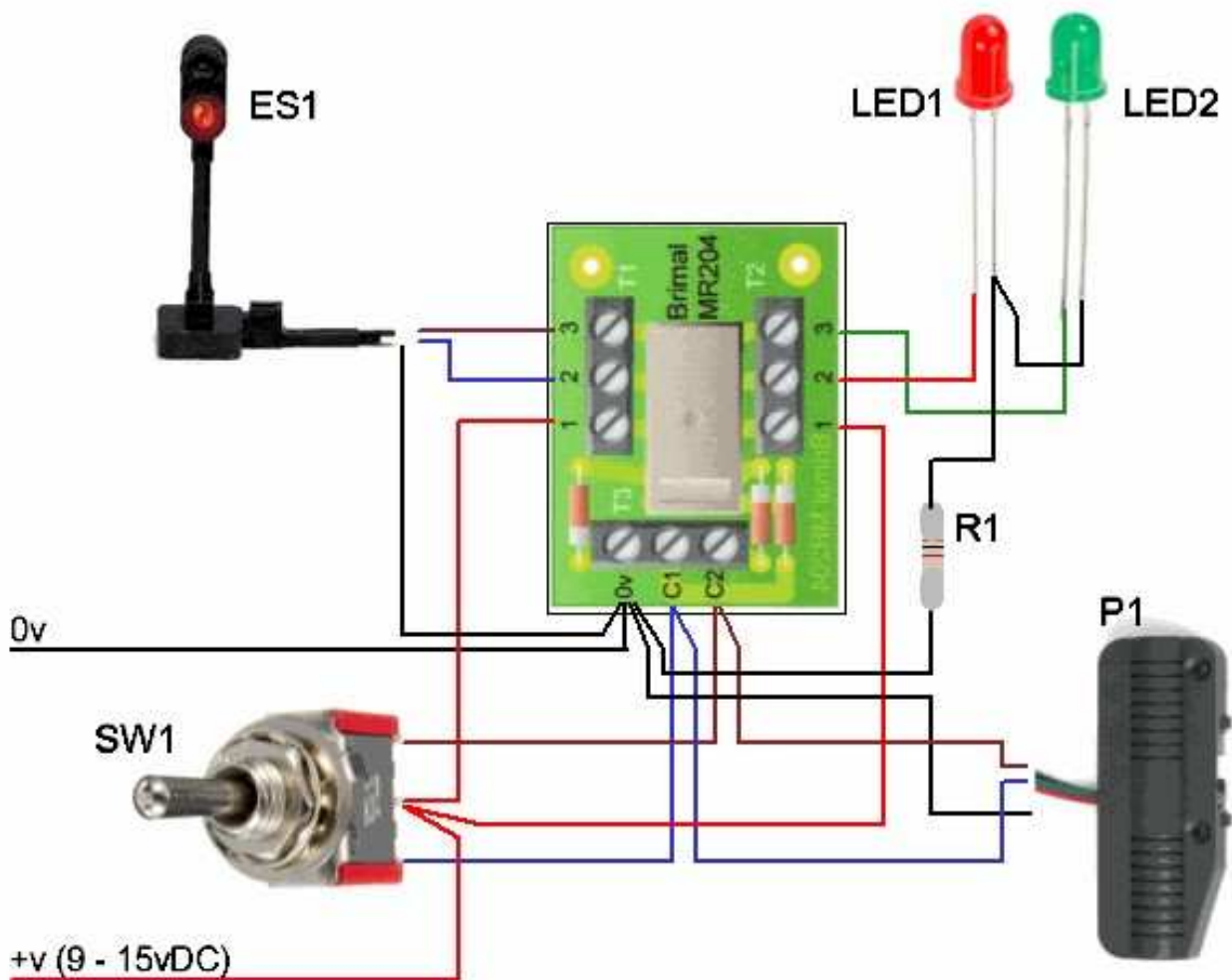


## Points, Signal & Indicator



In this application the MR204 is used to control a Point Motor, a Signal, and 2 LED's at the Control Panel. The switch is a Momentary action Mini Toggle Switch, (this can be replaced by 2 mini Push Button switches). Ideally the MR204 should be fixed near the set of points it is controlling, as the Signal will also be in the same area. If you are using a Positive & Negative Bus Bar - the toggle switch and the LED's only require a 6 core back to the control panel. If you are not using Bus Bars then you will require a 8 core cable back to the control panel. The colour code for the wiring is 0v Black, +v Red, please see the individual product instruction sheets to see the colour code they are using. The relay has latching contacts, this means once energised and power is removed the contacts stay in that state until the second coil is energised. Once you have the system wired as above, you may find the indicators are back to front, this is due to the state of the relay when you first switch ON. In this case you may have to swap 2 & 3 around. R1 is a 1K quarter or half watt resistor placed in the negative line to the LED's, to reduce the current drawn by the LED's