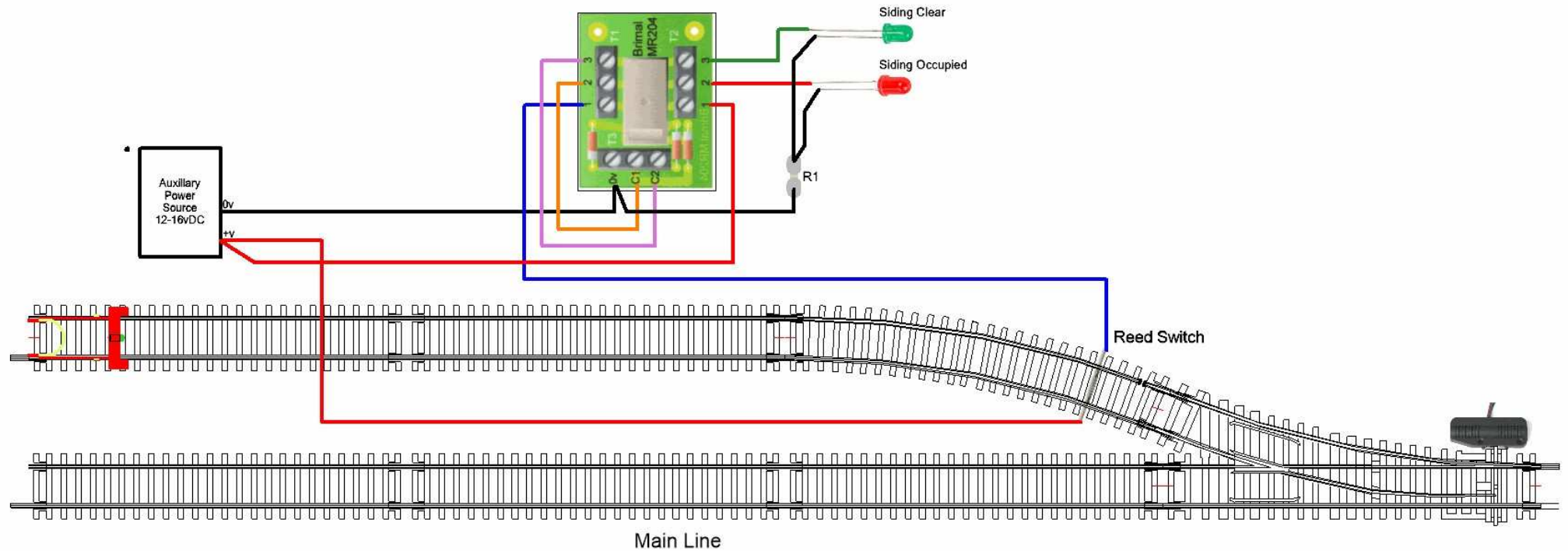


## Siding Occupied Indication



In this application the MR204 is used to indicate back at the Control Panel if a Siding is Occupied or not. As the train passes over the Reed Switch the indication changes from Green (Siding Clear) to Red (Siding Occupied). When the train leaves the siding it passes over the same Reed switch which will change the relay back to Green on (Siding Clear). The second set of contacts on the relay are used to change the function of the Reed switch, in effect converting it into two separate switches.

A second circuit can be used in conjunction with this first circuit to Isolate the track (so the train enters the siding and then power is removed from the track stopping the train) and controlling the Points with an indication back at the Control Panel as to the status of the points.