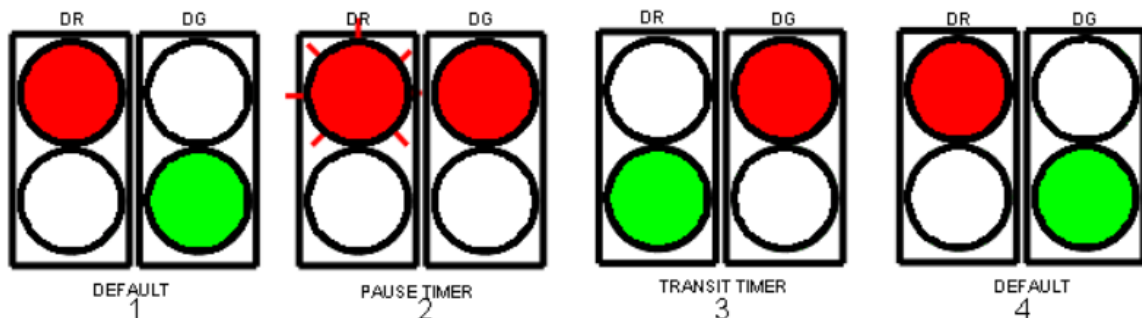


## Traffic Light Controller Operation (simple version)

The traffic light controller is designed to switch two or more traffic lights ( 24VDC ) for traffic flow control on single lane driveways, ramps etc. Operating sequence below:

1. A traffic direction is designated to be default GREEN ( DG )
1. The other direction is default RED ( DR )
2. The traffic signals are triggered by a vehicle detection device located adjacent to the DR traffic light.
2. When the trigger device is activated by a vehicle, the TRANSIT, FLASH, and PAUSE timers start.
2. When the trigger is activated, the DG light changes immediately to RED – this is to give time to ensure the ramp is clear of vehicles.
2. At the same time the FLASH timer flashes the DR RED light to indicate to the user that the vehicle is detected, and the PAUSE timer countdown has commenced.
3. At the end of the PAUSE timer countdown, the DR light toggles to GREEN.
4. When the TRANSIT timer expires the DR & DG signals revert to the default status.



### SETTINGS:

The TRANSIT timer should be set to be the combination of the desired vehicle transit time + PAUSE timer.

The PAUSE timer is the delay before the DR light toggles to GREEN, this should be set such that there is time for vehicles to clear the ramp. If the FLASH function is not required, change the timer function setting to 'A' and adjust the time setting to be greater than the TRANSIT timer.