Engaged/Vacant Toilet Indicator - IGEVI

Connect the door contact, PIR and indicator as shown on page 2.

The IGEVI has 3 modes of operation:

Mode 1

To enter mode 1 place the Jumper on the PCB in position R0 and no link in T1 & T2

In mode 1 operation when the door contact closes the unit will wait a pre-set period of time then read the PIR, if the PIR is active the relay will energise sending the indicator red to signify the toilet is engaged. When the door contact opens again the relay will de-energise reverting the indicator to green.

If the PIR is active when the door first closes but then detects no movement for 5 minutes the system will reset, de-energising the relay switching the indicator back green.

If the door closes and the PIR is inactive after the pre-set time the relay will remain de-energised and the indicator will remain green.

Mode 2

To enter mode 2 place the Jumper on the PCB in position R0 and place a link across T1 & T2.

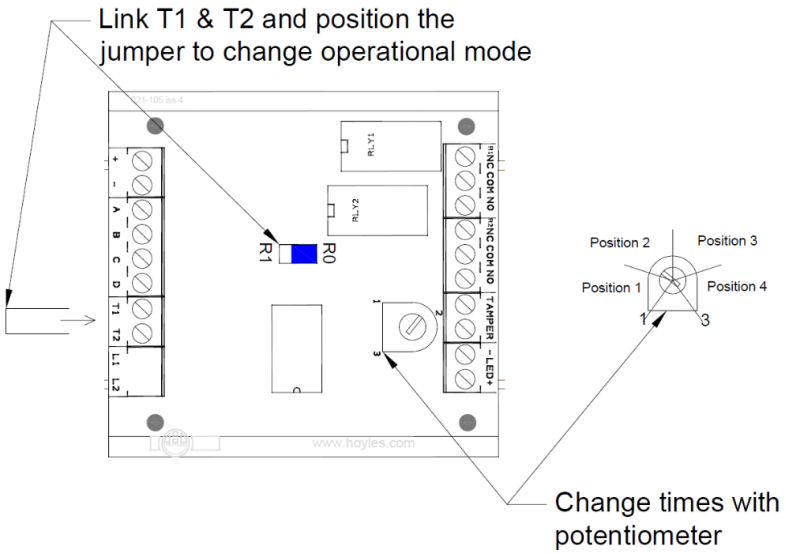
In mode 2 operation when the door contact closes the unit will wait a pre-set period of time then read the PIR, if the PIR is active the relay will energise sending the indicator red to signify the toilet is engaged. When the door contact opens again the relay will de-energise reverting the indicator to green.

If the door closes and the PIR is inactive after the pre-set time the relay will remain de-energised and the indicator will remain green.

Mode 3

To enter mode 3 place the Jumper on the PCB in position R1 and place a link across T1 & T2

In mode 2 operation only the PIR is used. When the PIR is activated the relay will energise turning the indicator red, after a time delay set with the potentiometer the PIR will check again for movement. If movement is detected the timer will restart. If no movement is detected for 5 seconds the relay will de-energise switching the indicator green.



	Mode 1 & 2	Mode 3
Position 1	0 Seconds	5 Seconds
Position 2	1 Seconds	10 Seconds
Position 3	3 Seconds	30 Seconds
Position 4	5 Seconds	1 Minute

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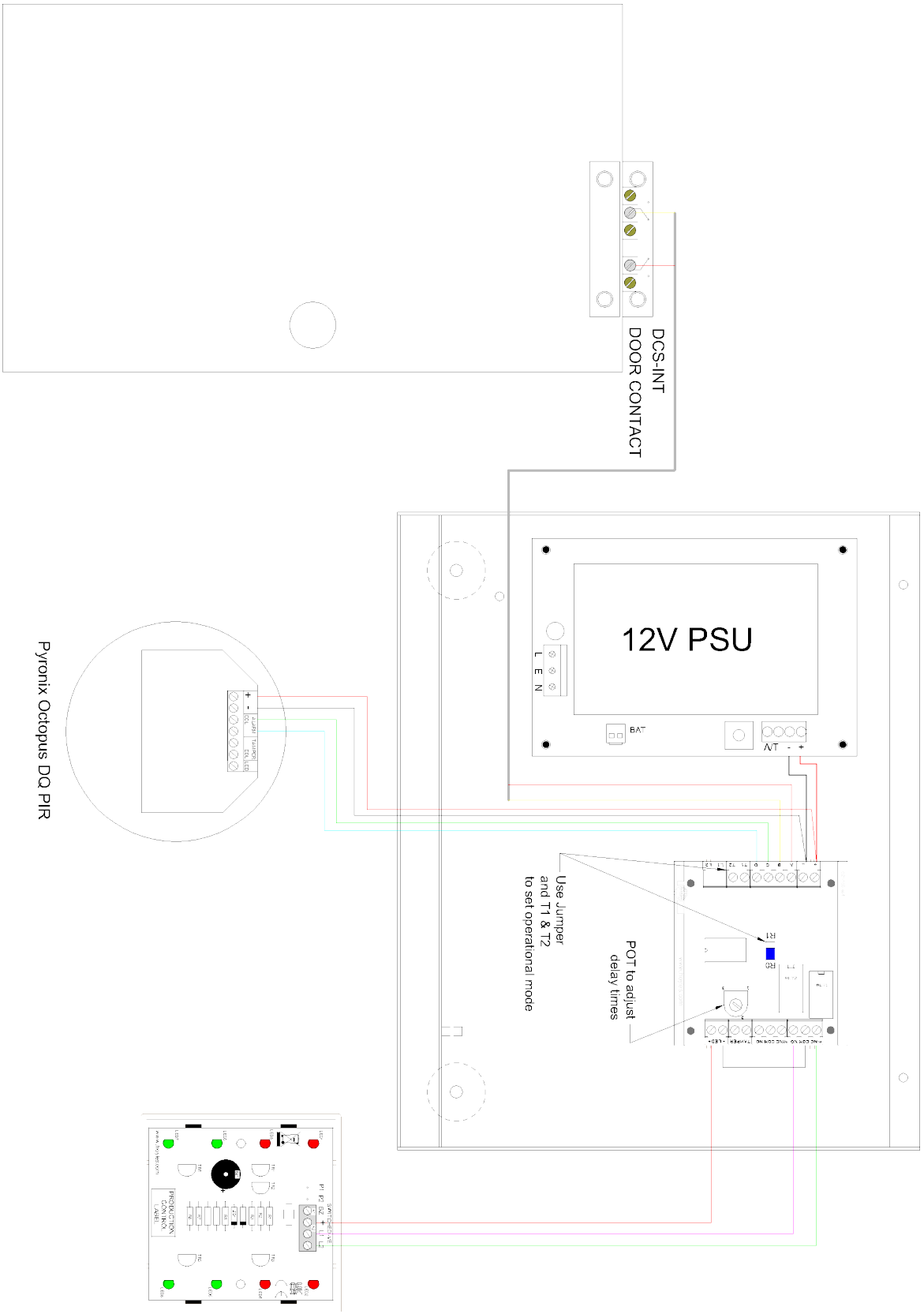

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