Total number of rungs in routine: 5

The Green light turns ON after NO selector switch (NO Switch1) is turned ON. Green light is latched here. Also a One Shot is used to scan one uprising edge of a cycle from the switch NO Switch1 Green <Local:5:I.Data.20> ONS1 <Local:6:O.Data.22> 「ONS 0 (L)The DC motor turns ON when the NO Selector Switch is turned ON and Both of the NO Momentary Push Buttons (NO_PB1 and NO_PB2) are pressed at the same time. DC Motor is Latched here DC_MOTOR NO PB1 NO PB2 NO Switch1 <Local:5:I.Data.20> <Local:5:I.Data.16> <Local:5:I.Data.17> <Local:6:O.Data.30> (L)The Motor Stops (OFF and unlatched) and the Green Light turns OFF(Unlatched) and the Red light turns ON (Latched) when the NC Momentary Push Button (NC_PB1) is pressed. NC PB1 DC MOTOR Green <Local:5:I.Data.18> <Local:6:O.Data.22> <Local:6:O.Data.30> (U)(U)Red light <Local:6:O.Data.20> -(L)-If the either of the NO Momentary Push Buttons (NO PB1 or NO PB2) are pressed, the DC motor and the Green light turns ON (Latched) and the Red light turns OFF(Unlatched). NO PB1 DC MOTOR Green <Local:6:O.Data.30> <Local:6:O.Data.22> <Local:5:I.Data.16> (L) -(L)-NO PB2 Red_light <Local:5:I.Data.17> <Local:6:O.Data.20> $\langle \mathsf{U} \rangle$

If the NO Selector Switch(NO_Switch_1) is turned OFF then all lights and the motor turn OFF (Unlatched), and everything resets.

 NO_Switch1
 Red_light
 DC_MOTOR
 Green

 <Local:5:I.Data.20>
 <Local:6:O.Data.20>
 <Local:6:O.Data.30>
 <Local:6:O.Data.22>

(End)