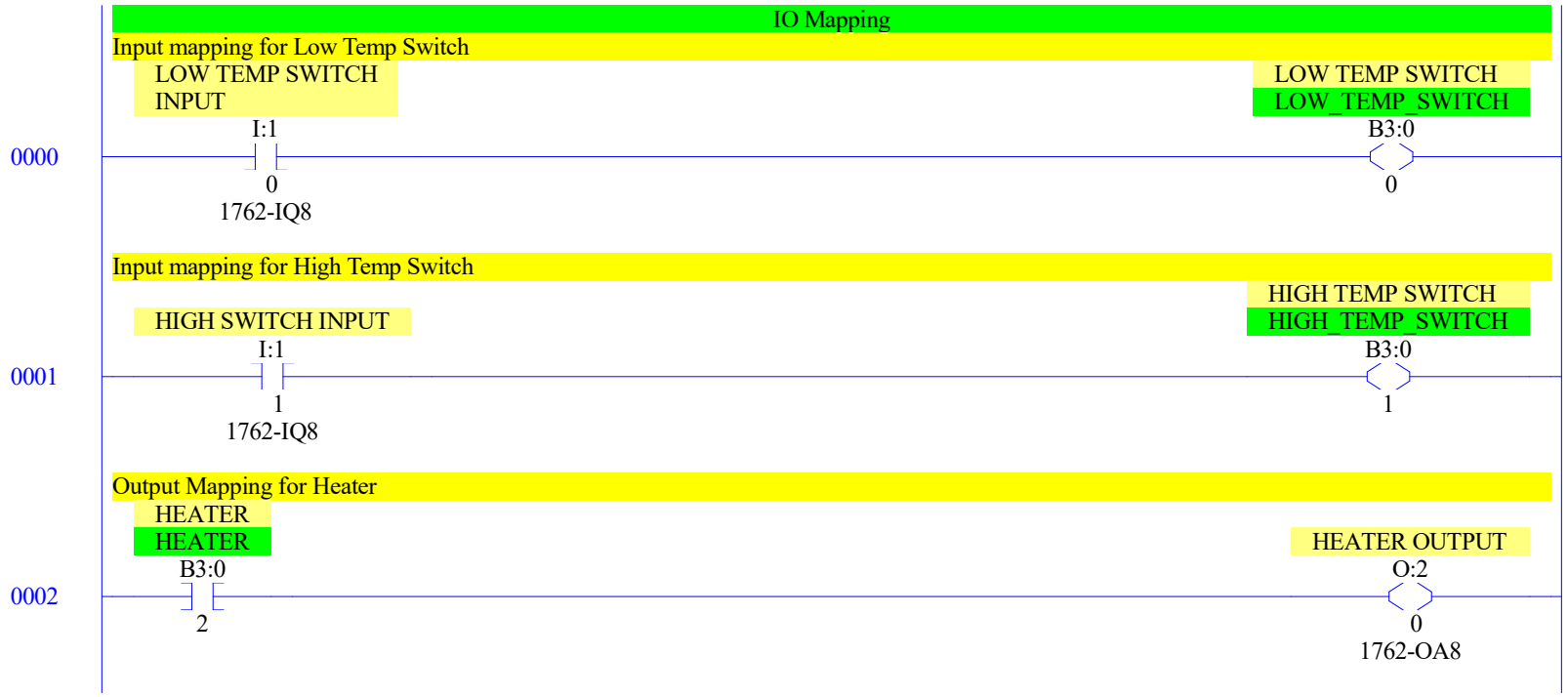
IO Mapping
Input mapping for Low Temp Switch
LOW TEMP SWITCH
INPUT
I:1
0
1762-IQ8
LOW TEMP SWITCH
LOW_TEMP_SWITCH
B3:0
0
0000
Input mapping for High Temp Switch
HIGH SWITCH INPUT
I:1
1
1762-IQ8
HIGH TEMP SWITCH
HIGH_TEMP_SWITCH
B3:0
1
0001
Output Mapping for Heater
HEATER
HEATER
B3:0
2
HEATER OUTPUT
O:2
0
1762-OA8
0002

Digital Control Logic

Digital Control Logic for Heater.
1 - Trigger Condition is the Low Temp Switch energizing
2 - Hold In Condition is the Heater Activated from the Low Temp Switch and as long as the High Temp Switch is NOT energized
3 - Interrupt Condition is when the High Temp Switch is energized. Implied that the Low Temp Switch will no longer be energized on during this scan, heater is energized but high temp switch is also energized, therefore the XIO condition here is FALSE and Hold In is Intrerrupted and Heater Output is no longer energized until the Low Temp Switch is energized again