

PLC129 LAB 1.2: COMPACTLOGIX LIM (LIMIT TEST) INSTRUCTION

Student Name: _____

Student ID: _____

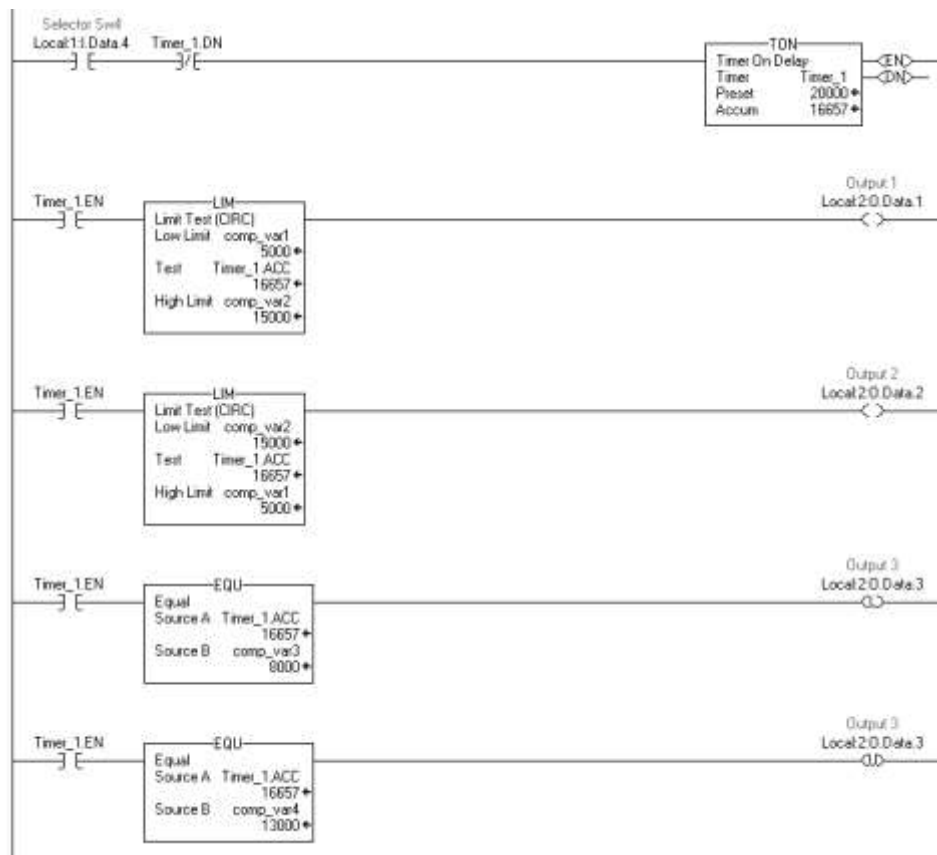
LAB OUTCOMES:

1. Explain the function and operation of the LIM instruction
2. Explain the CIRC term within the LIM instruction
3. Demonstrate how to setup a LIM to be true either within or outside of the low and high limits
4. Explain the operation of a ladder routine containing LIM instructions

LAB PROCESS:

Download the project "Compact_Module_1_EX2_LIM.ACD go online and put the CompactLogix into RUN mode.

Part 1



1. At Rung 0 turn on the Local:1:I.Data.4 input

Do any outputs come on immediately?

2. When will Output1 come on?

When will Output1 shut off? Explain.

3. When will Output2 come on?

When will Output2 shut off? Explain.

4. When will Output3 come on?

When will Output3 shut off? Explain.

The outcomes of this exercise (listed on page 1) specifies the skills that the Student must demonstrate to the Instructor. Once the Instructor is satisfied with the demonstration of Knowledge & Skills by the individual student, they will sign this document (for the student), then enter a 100% into the Hands-On Lab grade in Sakai.

I verify that this student has completed all of the requirements of this Hands-On Assessment:

Student Name: _____

Faculty Signature: _____ Date: _____

DOL DISCLAIMER:

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