

## PLC210 Lab Exercise 0: Project Configuration Review

1. Using RSLinx and ETHIP driver – Connect to the Ethernet Port on the 1769-L32E controller on the CompactLogix demo board.
2. Using the RSLinx and CompactLogix components on the demo board – find the following information:

Processor: Part Number: \_\_\_\_\_  
Slot Number: \_\_\_\_\_  
Major Revision Number: \_\_\_\_\_  
Minor Revision Number: \_\_\_\_\_  
IP Address: \_\_\_\_\_  
Subnet Mask: \_\_\_\_\_

Slot One Module: Part Number: \_\_\_\_\_  
Slot Number: \_\_\_\_\_  
Major Revision Number: \_\_\_\_\_  
Minor Revision Number: \_\_\_\_\_

Slot Two Module: Part Number: \_\_\_\_\_  
Slot Number: \_\_\_\_\_  
Major Revision Number: \_\_\_\_\_  
Minor Revision Number: \_\_\_\_\_

Slot Three Module: Part Number: \_\_\_\_\_  
Slot Number: \_\_\_\_\_  
Major Revision Number: \_\_\_\_\_  
Minor Revision Number: \_\_\_\_\_

3. Using RSLogix 5000 software – Start a new Project File based on the information from Step 2.

Use CompactLogix as the processor name.

Note: Naming Rules in Compact / ControlLogix PLCs

### Conventions for Names

Throughout a RSLogix 5000 project, you define names for the different elements of the project, such as the project name, controller, data addresses (tags), routines, and I/O modules. As you enter names, follow these rules.

- Only letters, numbers, and underscores ( \_ )
  - Must start with a letter or an underscore
  - $\leq 40$  characters
  - No consecutive or trailing underscores
  - Not case sensitive
4. Set-up an I/O Configuration based demo PLC hardware  
Use Slot\_1, Slot\_2 and Slot\_3 for Modules names.
  5. In the MainRoutine – Configure a Ladder Logic Rung that will turn ON PL7 when PB1 is actuated (pressed).
  6. Save the Project File using the default name.  
What is the Project File's name? \_\_\_\_\_
  7. Using the Ethernet connection- download the Project File to the demo board PLC.
  8. Verify proper operation of the PLC.  
Does PL7 turn ON when PL1 is pressed? \_\_\_\_\_

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