Title: **MicroLogix 1100 Input Wiring for Three Phase Motor** Job: 16

Course: Introduction to Automation Unit: Introduction to PLC CLO: 1, 4

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Station \_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Objectives**

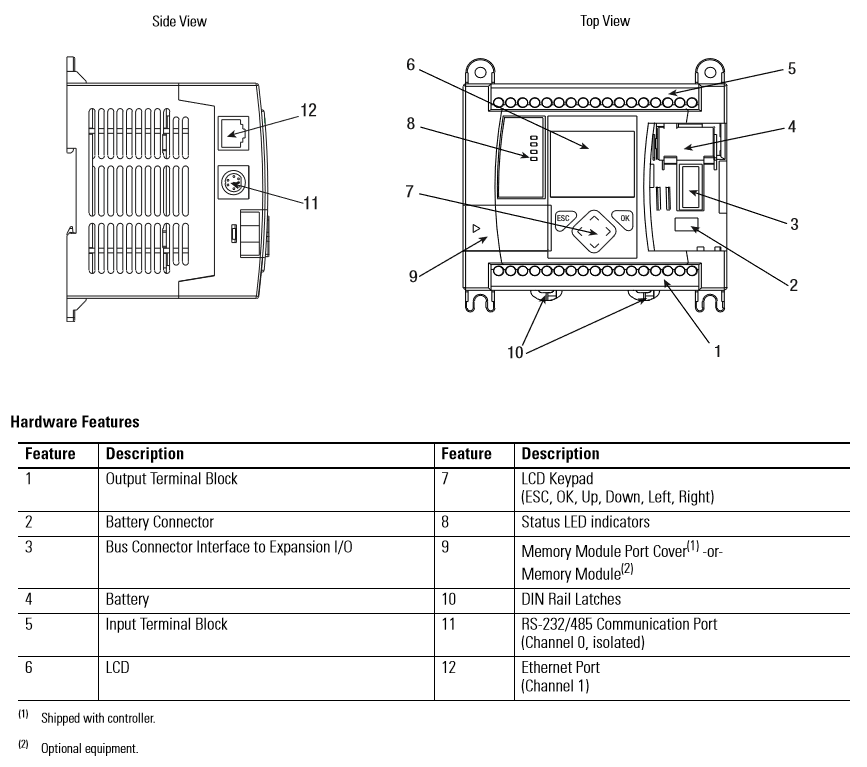
1. Student shall understand the inputs of an Allen-Bradley MicroLogix PLC.
2. Student shall be able to transpose a wiring schematic to the physical wiring of a PLC.

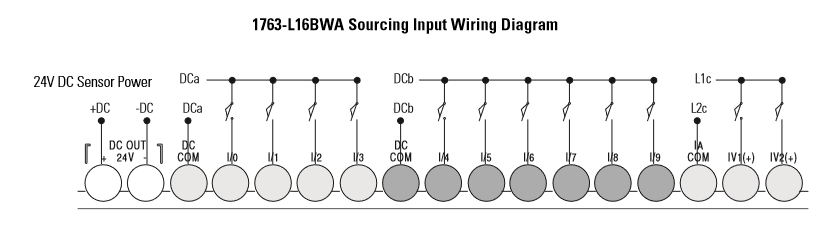
**Assessment**

Students shall demonstrate a comprehension of the objectives listed above by scoring a minimum of 75% on this Job. Grading shall be based on the Introduction to PLC rubric.

**Instructions**

Rewire your Allen-Bradley (A-B) MicroLogix PLC per the schematic on the opposite side of this job sheet. Ensure to use the proper wire color and size (Blue, 18 AWG). Place wire numbers on both ends of each wire. Have your instructor review your work before energizing your power supply and PLC.







1. Have instructor approve the wiring. Instructor Initials \_\_\_\_\_\_\_