Title: **MicroLogix 1100 Input Wiring for a Single Phase Motor** Job: 1

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

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

**Objectives**

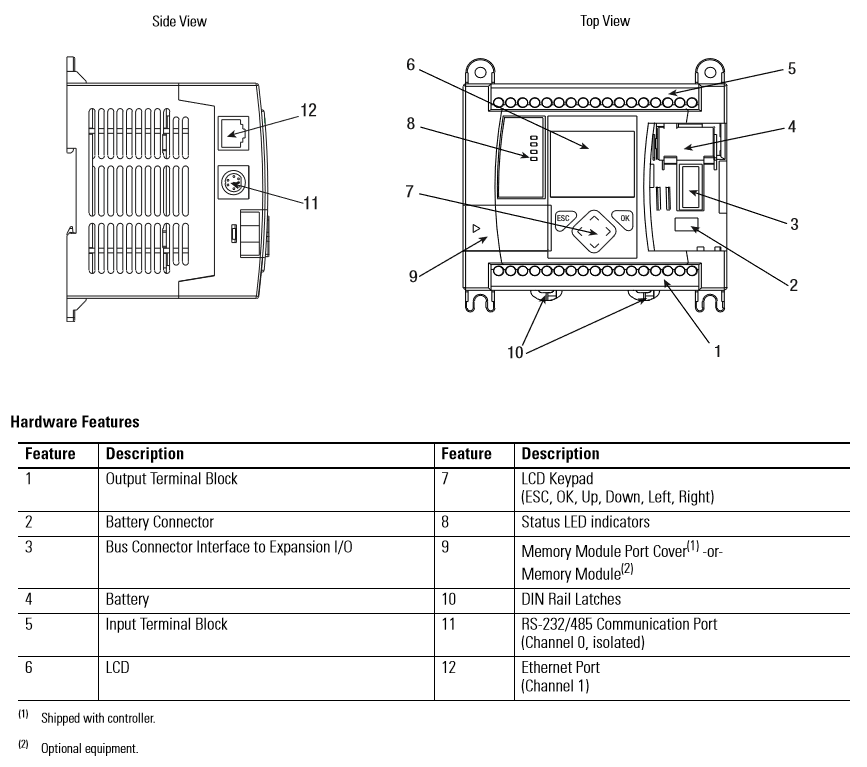
1. Student shall understand the inputs of an Allen-Bradley MicroLogix PLC.
2. Student shall be able to transpose a wiring schematic to the physical wiring of a PLC.

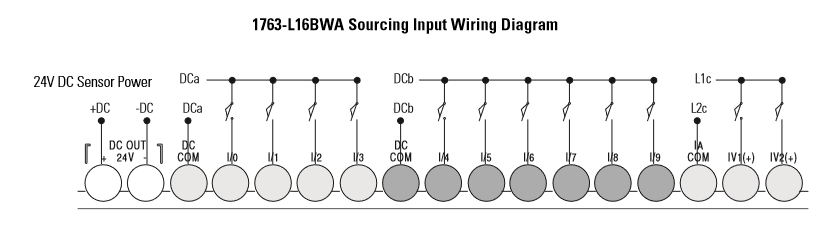
**Assessment**

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

**Instructions**

Wire the 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 the instructor review all wiring before energizing the power supply and PLC.







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