Using the CY3273 Low Voltage 12-24V AC/DC PLC Evaluation Kit with the PLC Control Panel Software Application

To evaluate this kit, a second PLC low voltage kit is required (CY3273 or CY3275). This guide assumes that two CY3273 kits are available. If a CY3275 kit is used as the second kit, refer to the Appendix of the PLC Control Panel GUI User’s Guide for making the kit act as a CY3273. More information on the GUI is described in step 4 on page 2.

**CY3273-LV Top View**
1. Connect the power adapter from the mains to header J4 on the first CY3273 board (node 1). The blue LED turns on.

2. Attach one end of the custom daisy chain cable to header J1 on node 1 (connector hook facing in). Connect the other end to header J4 on the second CY3273 board (node 2). The blue LED turns on.

3. Attach one end of the USB-I2C Bridge to header J8 on node 1. With the mini USB cable, connect the Bridge to the PC. The green LED must turn on. **Note** If the USB-I2C bridge was shipped before September 2011, connect only one bridge for each PC. For more details, refer to Section 1.3 in the PLC Control Panel User’s Guide.

4. Install and run the PLC Control Panel GUI from the CY3273 kit CD. Download the latest revision from the software and drivers link at www.cypress.com/go/plc. Follow the instructions in Section 1.3 of the PLC Control Panel User’s Guide to communicate between nodes 1 and 2. To open the user’s guide from the GUI, click **Help > Users Guide** from the menu bar.

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