



1336 PLUS Control Interface Option Installation

(L4, L4E, L5, L5E, L6, L6E)

Instructions

Purpose

This publication will guide you through installation of the Control Interface Option board (L4, L4E, L5, L5E, L6, L6E). Refer to the 1336 PLUS User Manual (publication 1336 PLUS-5.0) for further information on wiring and operation.

Interface Board Installation



ATTENTION: This drive contains ESD (Electrostatic Discharge) sensitive parts and assemblies. Static control precautions are required when installing, testing, servicing or repairing this assembly. Component damage may result if ESD control procedures are not followed. If you are not familiar with static control procedures, reference A-B publication 8000-4.5.2, “Guarding Against Electrostatic Damage” or any other applicable ESD protection handbook.



ATTENTION: To avoid a shock hazard, assure that all power to the drive has been removed before proceeding with the following procedure. In addition, verify that the DC bus has discharged by measuring across the “+ DC” and “– DC” terminals of TB1 with a voltmeter. The voltage should be 0.0V DC.

Remove and lock-out all incoming power to the drive. Remove the drive cover.

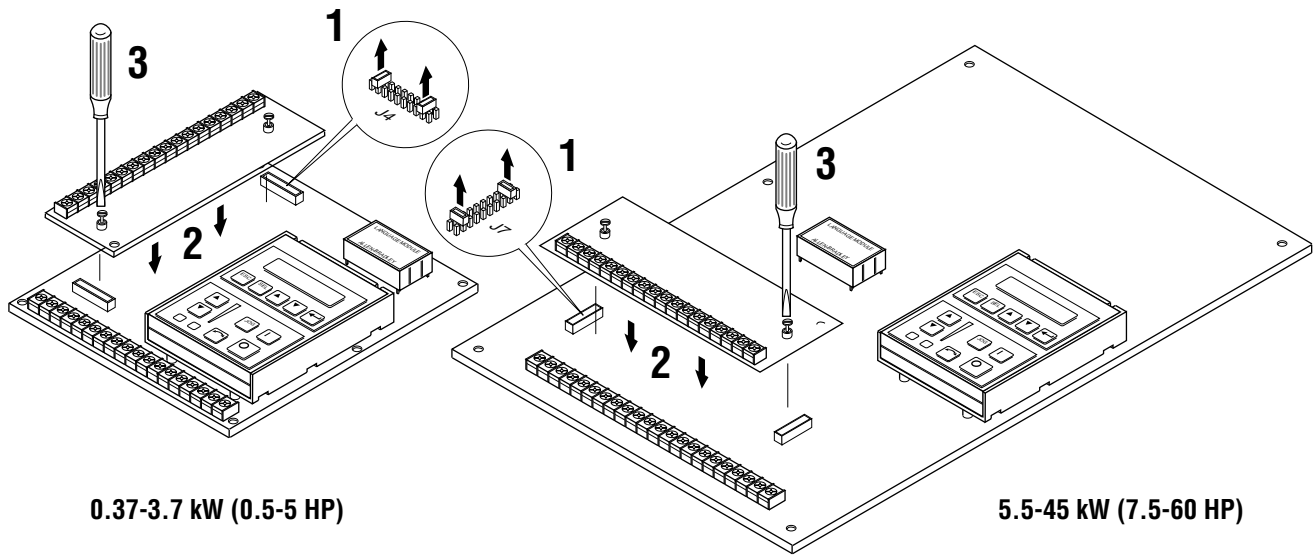
- 1. Locate and remove the two Main Control Board jumpers installed at pins 3 & 4 and 17 & 18 of J4 on 0.37-3.7 kW (0.5-5 HP) drives or J7 on 5.5-45 kW (7.5-60 HP) drives. See figure on reverse side.

Important: Retain the jumpers just removed. If the Control Interface Board is removed at a later time these jumpers must be reinstalled. In addition, the [Input Mode] parameter will have to be programmed to “1.”

- 2. Position the Control Interface Board over the 2 connectors on the Main Control Board, observing correct orientation (see figure).

Instructions

1336 PLUS Control Interface Option

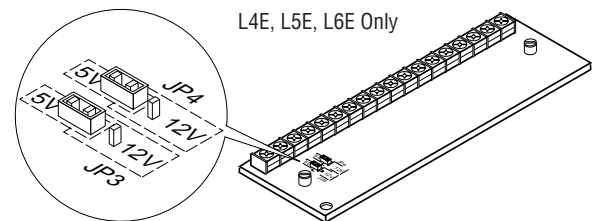


0.37-3.7 kW (0.5-5 HP)

5.5-45 kW (7.5-60 HP)

- 3. Carefully align the interface and control board connectors. Firmly press the interface board on to the Main Control Board until fully seated. Tighten the 2 captive screws to secure the board.

- 4. If the L4E, L5E or L6E board is being installed, JP3 and JP4 on the interface board must be set to correspond with the encoder voltage being used.



- 5. Perform wiring and program the appropriate input mode as described in Chapter 2 of the 1336 PLUS User Manual. Replace drive cover.



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