

Kit Instructions

1336-MOD-FJ3

NEMA Type 12 Basic Control Panel

DESCRIPTION

The NEMA Type 12 Basic Control Panel provides a set of panel mounted drive controls to replace the blank control panel mounted on the 1336 NEMA Type 12 enclosure door. The Basic Control Panel must be connected to one of the following options:

1336-MOD-L1, 5V DC TTL Logic Interface Board

1336-MOD-L2, 24V DC Logic Interface Board

1336-MOD-L3, 115V AC Logic Interface Board

Each Basic Control Panel provides:

- (1) START Pushbutton
- (1) STOP Pushbutton
- (1) Jog Pushbutton
- (1) Forward/Reverse Switch
- (1) Single Turn Speed Potentiometer

Each kit contains:

- (1) NEMA Type 12 Basic Control Panel Assembly, P/N 135467
- (6) Adhesive Backed Cable Tie Mounts, P/N 238848
- (30) Cable Tie Wraps, P/N 222747

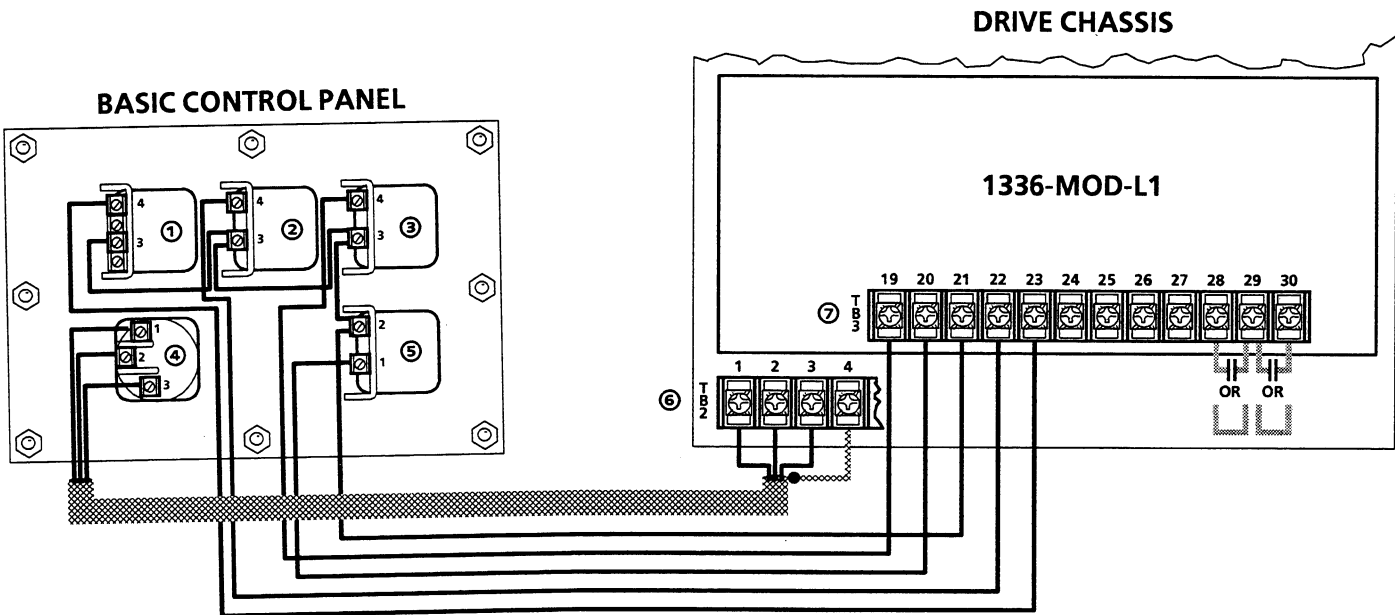
WARNING



Electric shock can cause injury or death. Remove all power before working on this product.

- STEP 1** Remove the eight nuts securing the bank control panel to the inside of the enclosure door.
- STEP 2** Remove the blank control panel and install the Basic Control Panel in its place. Use the eight nuts removed in **STEP 1** to secure the Basic Control Panel.
- STEP 3** Route the cable harness connected to the Basic Control Panel to terminal blocks **TB2** and **TB3**. Secure the cable harness to the enclosure cabinet using the adhesive backed cable tie mounts and cable ties as required.
- STEP 4** Connect the Basic Control Panel cable harness to terminal blocks **TB2** and **TB3** as shown. Refer to the **1336-MOD-L1, L2 or L3 Kit Instructions** for wire type, wire gauge and if additional control functions or status outputs are required.

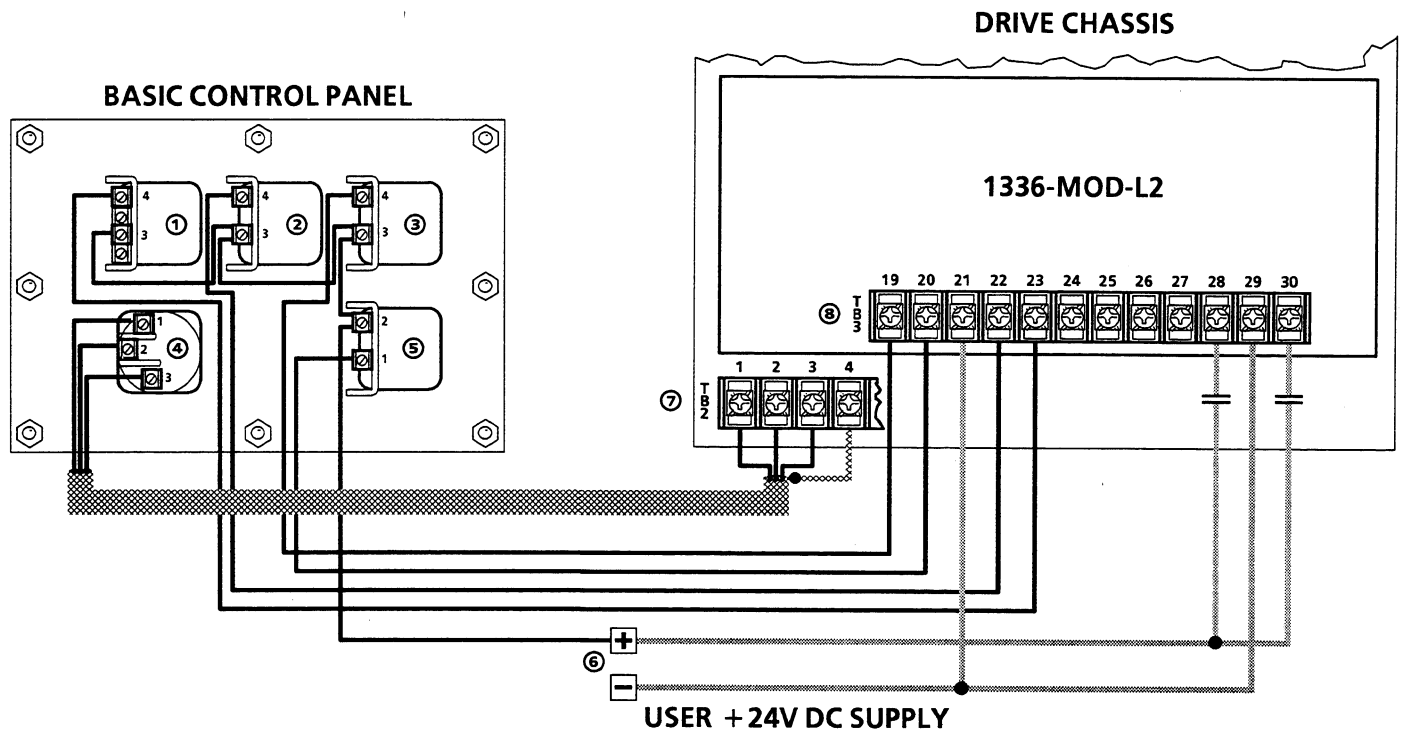
1336-MOD-L1 — 5V DC TTL LOGIC INTERFACE BOARD WIRING



- BASIC CONTROL PANEL**
- ① FORWARD/REVERSE SWITCH
 - 3 — BLACK
 - 4 — YELLOW
 - ② JOG PUSHBUTTON
 - 3 — BLACK
 - 4 — ORANGE
 - ③ START PUSHBUTTON
 - 3 — BLACK
 - 4 — BROWN
 - ④ SPEED POTENTIOMETER
 - 1 — BLACK
 - 2 — WHITE
 - 3 — RED
 - ⑤ STOP PUSHBUTTON
 - 1 — PURPLE
 - 2 — BLACK

- DRIVE CHASSIS**
- ⑥ TB2
 - TB2 — 1 — RED
 - TB2 — 2 — WHITE
 - TB2 — 3 — BLACK
 - TB2 — 4 — BRAIDED SHIELD

- DRIVE CHASSIS 1336-MOD-L1**
- ⑦ TB3
 - TB3 — 19 — BROWN
 - TB3 — 20 — PURPLE
 - TB3 — 21 — BLACK
 - TB3 — 22 — ORANGE
 - TB3 — 23 — YELLOW
 - TB3 — 28 AND 29 — USER SUPPLIED
A MAINTAINED TRUE AUXILIARY INPUT MUST BE PRESENT TO PERMIT THE DRIVE TO OPERATE FROM THE BASIC CONTROL PANEL — FOR 1336-MOD-L1, A JUMPER MAY BE SUBSTITUTED
 - TB3 — 29 AND 30 — USER SUPPLIED
A MAINTAINED TRUE ENABLE INPUT MUST BE PRESENT TO PERMIT THE DRIVE TO OPERATE FROM THE BASIC CONTROL PANEL — FOR 1336-MOD-L1, A JUMPER MAY BE SUBSTITUTED

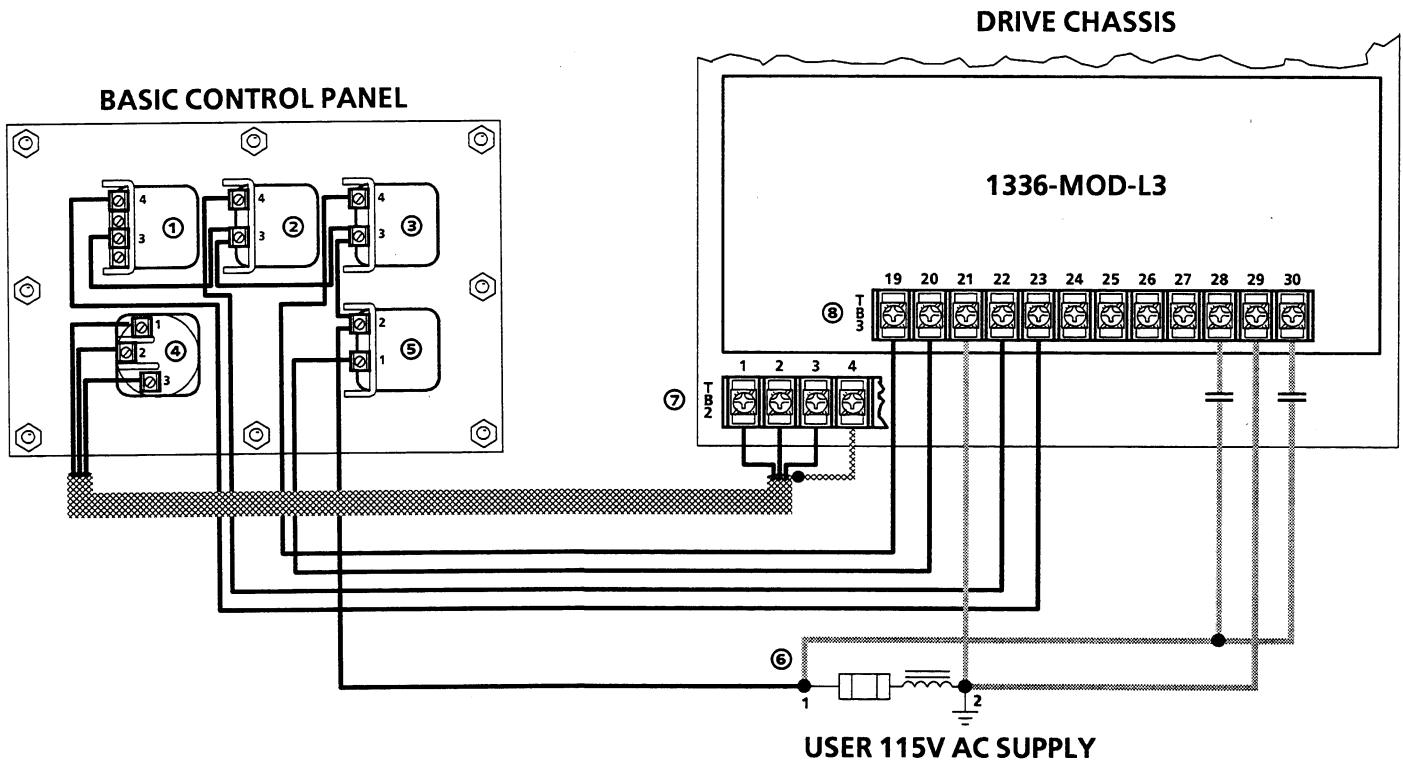


- BASIC CONTROL PANEL**
- ① FORWARD/REVERSE SWITCH
 - 3 — BLACK
 - 4 — YELLOW
 - ② JOG PUSHBUTTON
 - 3 — BLACK
 - 4 — ORANGE
 - ③ START PUSHBUTTON
 - 3 — BLACK
 - 4 — BROWN
 - ④ SPEED POTENTIOMETER
 - 1 — BLACK
 - 2 — WHITE
 - 3 — RED
 - ⑤ STOP PUSHBUTTON
 - 1 — PURPLE
 - 2 — BLACK

- USER + 24V DC POWER SUPPLY**
- ⓐ BLACK
 - USER SUPPLIED

- DRIVE CHASSIS**
- ⑦ TB2
 - TB2 — 1 — RED
 - TB2 — 2 — WHITE
 - TB2 — 3 — BLACK
 - TB2 — 4 — BRAIDED SHIELD

- DRIVE CHASSIS 1336-MOD-L2**
- ⓑ TB3
 - TB3 — 19 — BROWN
 - TB3 — 20 — PURPLE
 - TB3 — 21 — USER SUPPLIED
 - TB3 — 22 — ORANGE
 - TB3 — 23 — YELLOW
 - TB3 — 28 AND 29 — USER SUPPLIED
 - A MAINTAINED TRUE AUXILIARY INPUT MUST BE PRESENT TO PERMIT THE DRIVE TO OPERATE FROM THE BASIC CONTROL PANEL
 - TB3 — 29 AND 30 — USER SUPPLIED
 - A MAINTAINED TRUE ENABLE INPUT MUST BE PRESENT TO PERMIT THE DRIVE TO OPERATE FROM THE BASIC CONTROL PANEL



- BASIC CONTROL PANEL**
- ① FORWARD/REVERSE SWITCH
 - 3 — BLACK
 - 4 — YELLOW
 - ② JOG PUSHBUTTON
 - 3 — BLACK
 - 4 — ORANGE
 - ③ START PUSHBUTTON
 - 3 — BLACK
 - 4 — BROWN
 - ④ SPEED POTENTIOMETER
 - 1 — BLACK
 - 2 — WHITE
 - 3 — RED
 - ⑤ STOP PUSHBUTTON
 - 1 — PURPLE
 - 2 — BLACK

- USER 115V AC POWER SUPPLY**
- ⑥ 1 — BLACK
 - 2 — USER SUPPLIED

- DRIVE CHASSIS**
- ⑦ TB2
 - TB2 — 1 — RED
 - TB2 — 2 — WHITE
 - TB2 — 3 — BLACK
 - TB2 — 4 — BRAIDED SHIELD

- DRIVE CHASSIS 1336-MOD-L3**
- ⑧ TB3
 - TB3 — 19 — BROWN
 - TB3 — 20 — PURPLE
 - TB3 — 21 — USER SUPPLIED
 - TB3 — 22 — ORANGE
 - TB3 — 23 — YELLOW
 - TB3 — 28 AND 29 — USER SUPPLIED
 A MAINTAINED TRUE AUXILIARY INPUT MUST BE PRESENT TO PERMIT THE DRIVE TO OPERATE FROM THE BASIC CONTROL PANEL
 - TB3 — 29 AND 30 — USER SUPPLIED
 A MAINTAINED TRUE ENABLE INPUT MUST BE PRESENT TO PERMIT THE DRIVE TO OPERATE FROM THE BASIC CONTROL PANEL

