

## Kit Instructions

# Bulletin 1336-MOD-FC3 NEMA Type 4 Basic Control Panel

### DESCRIPTION

The NEMA Type 4 Basic Control Panel provides a set of panel mounted drive controls to replace the blank control panel mounted on the Bulletin 1336 NEMA Type 4 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 4 Basic Control Panel Assembly, P/N 135801
- (6) Adhesive Backed Cable Tie Mounts, P/N 238848
- (30) Cable Tie Wraps, P/N 222747

### WARNING

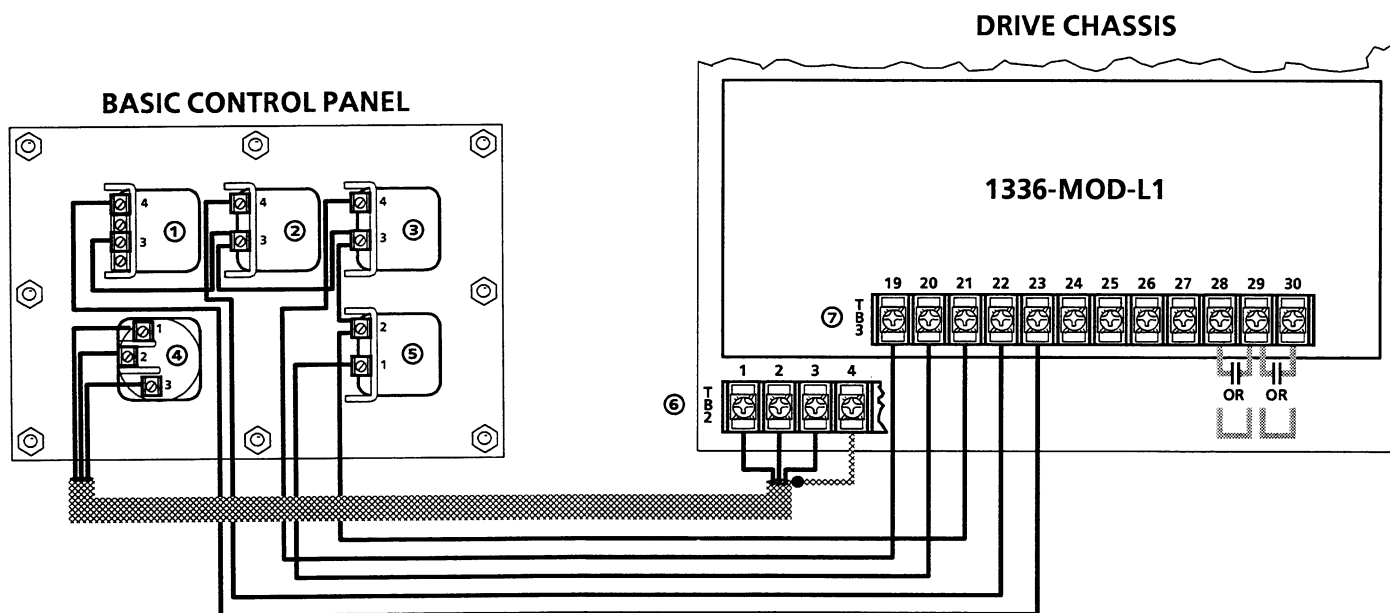


Electric shock can cause injury or death. Remove all power before working on this product.

# Allen-Bradley Parts

- 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 **Bulletin 1336-MOD-L1, L2 or L3 Kit Instructions** for wire type, wire gauge and if additional control functions or status outputs are required.

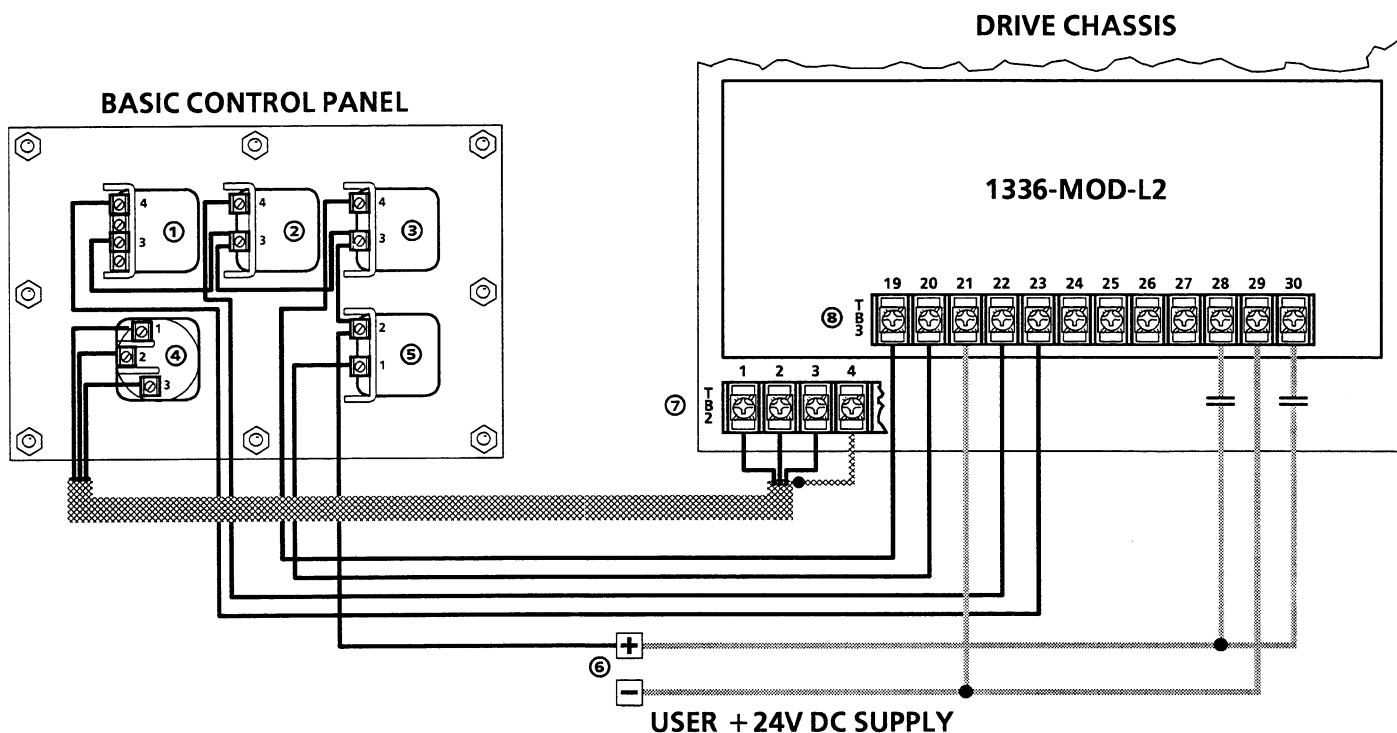
**1336-MOD-L1 — 5V DC TTL LOGIC INTERFACE BOARD WIRING**



- 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

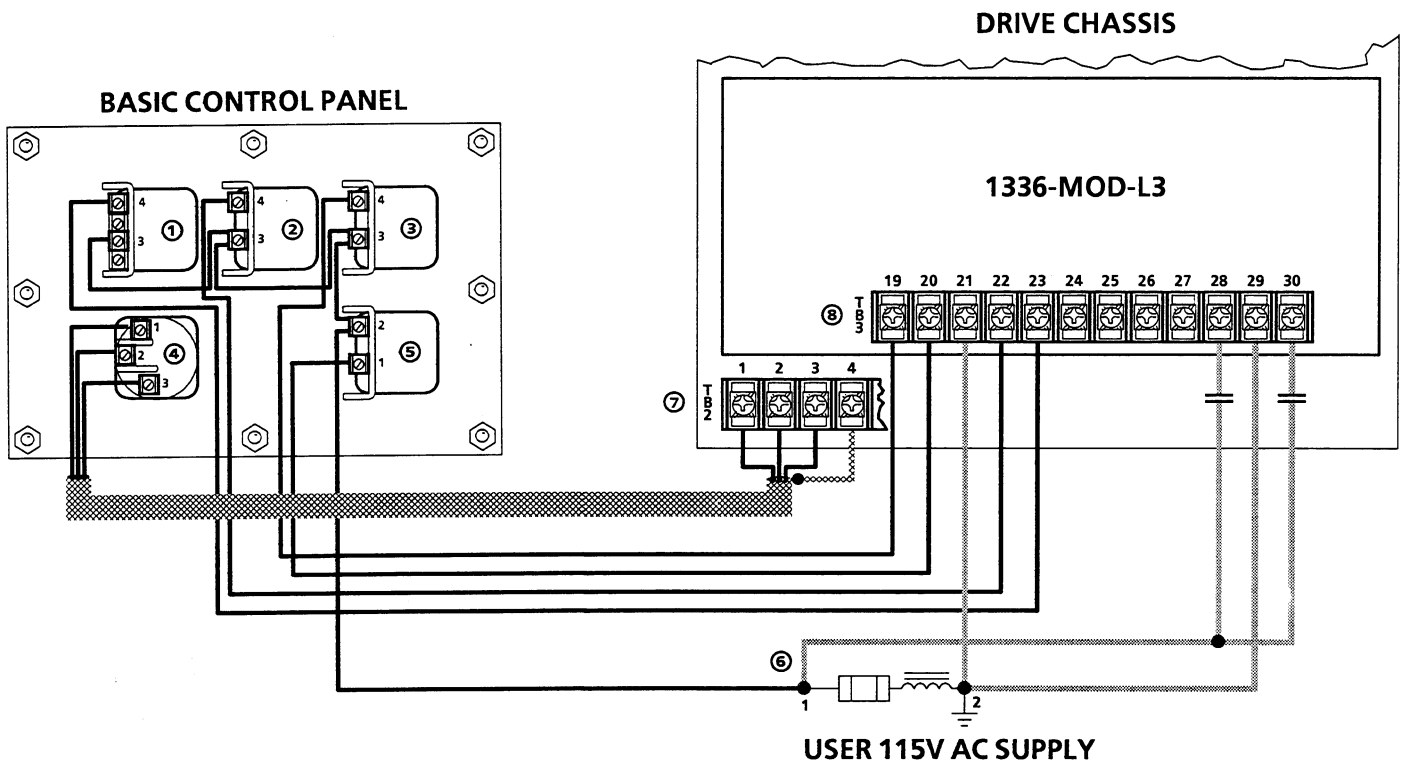


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    - 3 — BLACK
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  - ② JOG PUSHBUTTON
    - 3 — BLACK
    - 4 — ORANGE
  - ③ START PUSHBUTTON
    - 3 — BLACK
    - 4 — BROWN
  - ④ SPEED POTENTIOMETER
    - 1 — BLACK
    - 2 — WHITE
    - 3 — RED
  - 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**
- 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



- 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
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