

# iQpump Micro Quick Start Procedure

# YASKAWA

STEP

4

## □ Motor, Line Power and Start/Stop Circuit

### 4.1 ⚠️ Remove the front cover

**NOTICE:** Improper removal of the drive's protective covers and conduit bracket (NEMA 1, UL Type 1) can cause damage to the drive. Adhere to iQpump User Manual, Section 3, Protective Covers to avoid drive damage.

### 4.2 ⚡ Connect main input power and motor wiring to the drive.

Refer to **Figure 1** for single-phase input power drive models.

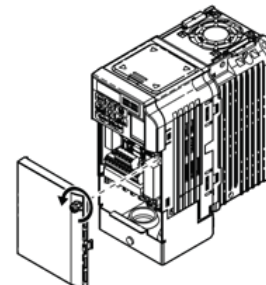
Refer to **Figure 2** for three-phase input power drive models.

Follow accepted wiring practices and applicable electric codes. Ensure all equipment is properly grounded.

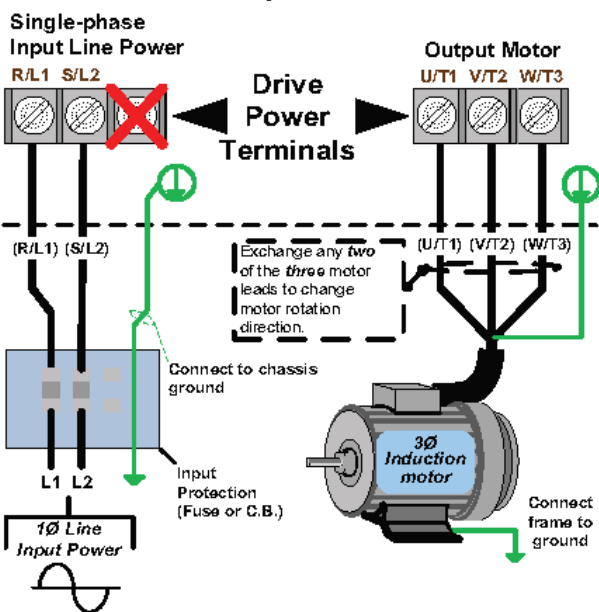
**WARNING!** Fire Hazard. Do not connect terminals B1, B2 (-), +1, +2 terminals to earth ground. Only connect ground wiring to designated ground terminals.



NEMA 1, UL Type 1 Enclosure

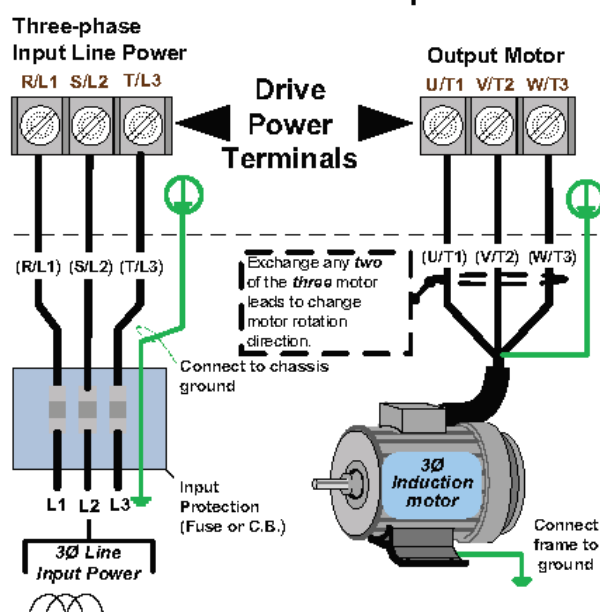


**Figure 1: Line and Motor Electrical Connections - Single-Phase Input Power**



**Sizing note:** Verify the drive is properly sized for single phase input power. The drive input line voltage must be equal to or greater than motor rated voltage for best performance.

**Figure 2: Line and Motor Electrical Connections - Three-Phase Input Power**



### 4.3 ⚠️ Select start / stop control method, (parameter b1-02). Remove the drive terminal cover to access the control terminals. The drive will START and STOP from the keypad from the factory. If this is the preferred start/stop method then continue to the feedback signal connection section. Refer to the wiring diagram below to START/STOP the drive using an external switch or contact

#### 2-Wire Start/Stop Wiring Diagrams

