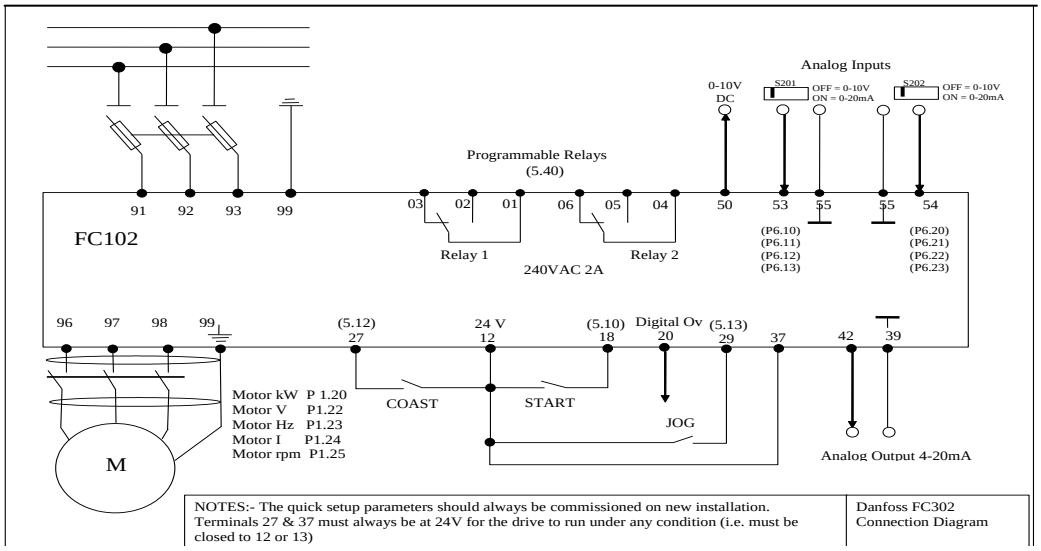
# Quick Set up Guide for FC102




**Note:** if using 0/4 – 20ma reference signal use terminals 53 or 54 and change slider switch S201(53) S202(54) position to the I position. These slider switches can be found behind LCP display panel. (See Operating Instructions for exact position) Connections Shown in Factory Settings

The above drawing shows the default connections to the FC102. ***The following Terminals need to be energised*** for the drive to operate in **HAND** or **AUTO** control. **Note: Terminals 12 and 13 are 24v dc.**

- Terminal 27 (factory set for coast stop) – Can be set to **NO OPERATION** in the **QUICK MENU**
- Terminal 18 is the start input (controlled ramp) for **AUTO** control.
- If your drive has the **SAFE STOP OPTION**, Terminal 37 has to be energised for the drive to function, and should be linked to terminal 12 or13. **This is pre wired at manufacture.**

## BASIC PROGRAMMING – USING QUICK MENU

The FC102 comes with data in all parameters and would run ok by giving the correct start signals.
The Quick Menu contains key parameters for optimum performance and correct motor protection.

- Read and note data from the motor nameplate (power, voltage, frequency, current, and rpm).
- Press the Quick Menu Button., Select **QUICK SETUP**, & press **OK**.
- Use the **UP/DOWN** arrow keys to navigate through the parameters in the **QUICK MENU**
- To enter a new value - Press the **OK** Button, & use the cursor keys to select the desired setting.
- Pressing the **OK** Button stores the new value. Press **CANCEL** to leave the original value. (The original value is displayed in the bottom right of the display)
- Use the **UP/DOWN** arrow keys to view the remaining parameters in the Quick Menu changing data values where necessary.

## SAVING THE PARAMETERS TO THE LCP (KEYPAD)

- Press **Main Menu,** select Group **0** and press the **OK** key. Using the **DOWN** arrow key select **0-5** and press the **OK** key. This displays Parameter **0-50**
- Press the **OK** key again and using the **DOWN** arrow key select **ALL TO LCP** and press **OK**. The parameters will be copied to the LCP (Keypad)
- If you need to restore the settings into the FC, go to Parameter **0-50** and select **ALL FROM LCP**

## USING THE KEYPAD

- Press the **STATUS** button on completion of programming. Then Press either:
  **AUTO ON** The drive will operate from remote start / stop and reference signals.
  **HAND ON** The drive will start and run at the speed set locally using the cursor keys

## TO PROGRAM THE DISPLAY TO SHOW HZ OR RPM

- Press **Main Menu**, select Group **0** and press the **OK** key twice. Using the **DOWN** arrow key select **0-02** and press the **OK** key. This displays Parameter **0-02**
- Press the **OK** key again and using the **DOWN** arrow key select **HZ or RPM** and press **OK**
- Use the **BACK** key or the **STATUS** key to return to the operating display