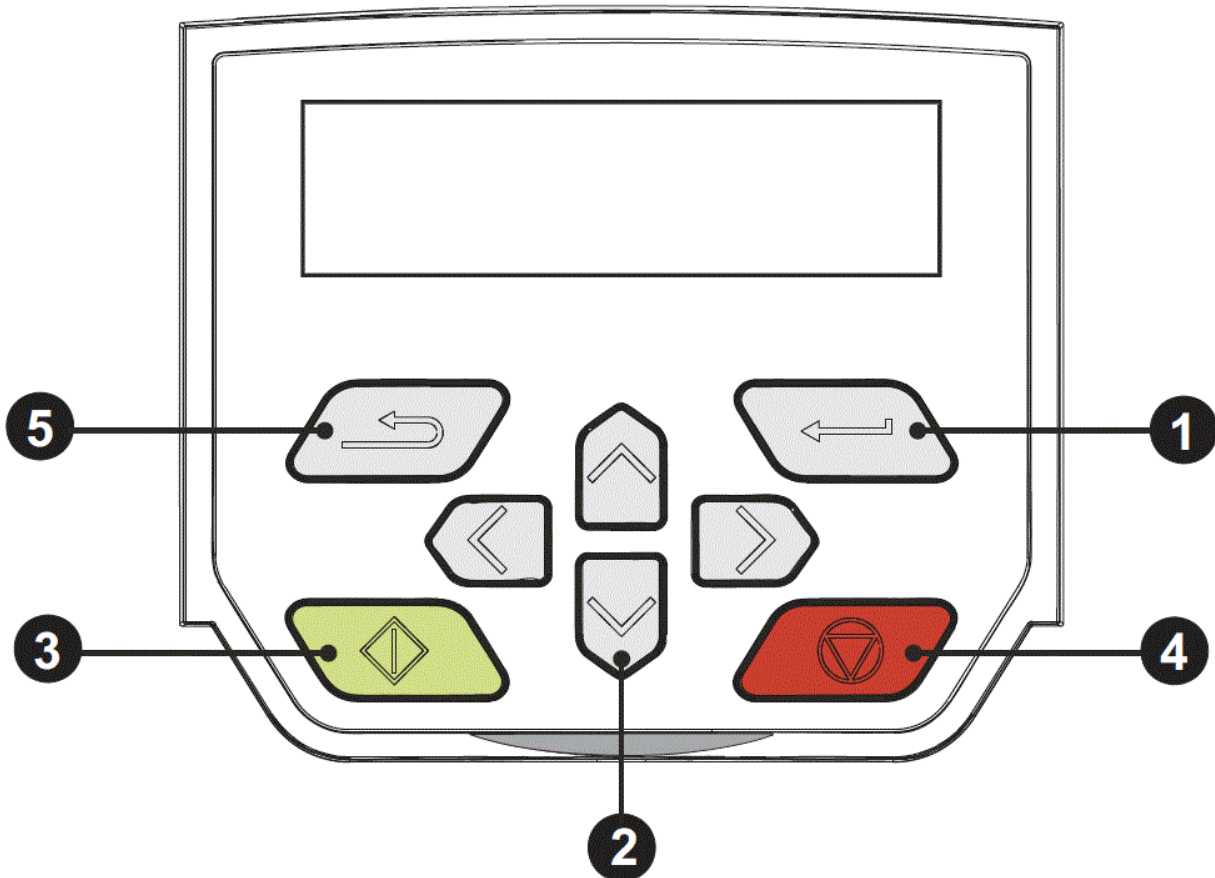




C200 DRIVE SETUP GUIDE FOR RM-269-129-.3 ELECTRICAL PACKAGE

- C200 Keypad Descriptions

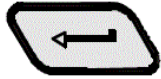


1. The **Enter** button is used to enter parameter view or edit mode, or to accept a parameter edit.
2. The **Navigation** buttons can be used to select individual parameters or to edit parameter values. In keypad mode, the **Up** and **Down** keys are also used to increase or decrease the motor speed.
3. The **Start** button (green) is used to start the drive in keypad mode.
4. The **Stop / Reset** button (red) is used to stop and reset the drive in keypad mode. It can also be used to reset the drive in terminal mode.
5. The **Escape** button is used to exit from the parameter edit / view mode or disregard a parameter edit.

- C200 INDEX/REVERSE BYPASS (RUN VFD VIA KEYPAD ONLY)

1. From main run screen access parameter view by pressing the

Enter button



2. After parameter view mode is entered, scroll through to view the parameters with

the **Up**



and **Down**

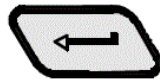


keys

3. Scroll to parameter **00.005** where the drive configuration parameter is located for access

- a. When parameter **00.005** is present on the screen press the

Enter button



to access edit mode for the parameter

- b. When in edit mode for the parameter, the parameter value will start to

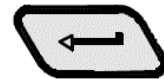
blink and the value can be changed by pressing the **Up**



and **Down**

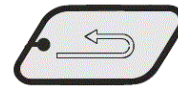


keys. Change to **KEYPAD** and press the **Enter** button



to save.

4. After parameter has been saved press the **Escape** button



to return to main run screen

- C200 MOMENTARY OR MAINTAINED SIGNALS SELECTION

5. From main run screen access parameter view by pressing the


Enter button 

6. After parameter view mode is entered, scroll through to view the parameters with

the **Up**  and **Down**  keys

7. Scroll to parameter **00.011** where the momentary/maintained bit is located for access

- c. When parameter **00.011** is present on the screen press the


Enter button  to access edit mode for the parameter

- d. When in edit mode for the parameter, the parameter value will start to

blink and the value can be changed Off/On by pressing the **Up**  and

Down  keys. Change to **Off** for **Momentary Signals** or to **On** for

Maintained Signals and press the **Enter** button  to save.

8. After parameter has been saved press the **Escape** button  to return to main run screen

NOTE: If momentary signals are used, the forward and reverse times can be set via the Forward and Reverse Timer setups in parameters 00.012 and 00.013 respectively

- C200 FORWARD TIMER SETUP (SECONDS WITH MILLISECONDS)

1. From main startup screen access parameter view by pressing the


Enter button 

2. After parameter view mode is entered, scroll through to view the parameters with



the **Up**  and **Down**  keys

3. Scroll to parameter **00.012** where the amount of time will be set that the conveyor will need to move forward when a forward signal is applied to the driver in momentary signal operation

- a. When parameter **00.012** is present on the screen press the


Enter button  to access edit mode for the parameter

- b. When in edit mode for the parameter, the parameter value will start to blink and the value can be changed by pressing the

Up  and **Down**  keys. When the desired value is displayed

press the **Enter** button  to save.

- Note that the value will be set in milliseconds. Example: A value of 10000 will equal 10.000 seconds while a value of 5000 will equal 5.000 seconds

4. After parameter has been saved press the **Escape** button  to return to main run screen

- C200 REVERSE TIMER SETUP (SECONDS WITH MILLISECONDS)

1. From main startup screen access parameter view by pressing the

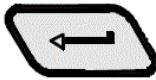
Enter button 

2. After parameter view mode is entered, scroll through to view the parameters with



the **Up**  and **Down**  keys

3. Scroll to parameter **00.013** where the amount of time will be set that the conveyor will need to move reverse when a reverse signal is applied to the driver in momentary signal operation

- a. When parameter **00.013** is present on the screen press the


Enter button  to access edit mode for the parameter

- b. When in edit mode for the parameter, the parameter value will start to blink and the value can be changed by pressing the

Up  and **Down**  keys. When the desired value is displayed

press the **Enter** button  to save.

- Note that the value will be set in milliseconds. Example: A value of 10000 will equal 10.000 seconds while a value of 5000 will equal 5.000 seconds

4. After parameter has been saved press the **Escape** button  to return to main run screen

- C200 PARAMETER SET LIST (ALL OTHERS ARE FACTORY PRESET)

00.001 = 0.00 Hz

00.002 = 60.00 Hz

00.003 = 5.0 s

00.004 = 0.5 s

00.005 = Keypad Ref

00.006 = 1.50 A

00.007 = 1725.0 rpm

00.008 = 230 V

00.009 = 0.85

00.010 = Level 2

00.011 = On

00.012 = 10000 (ms)

00.013 = 10000 (ms)

00.017 = On

00.027 = Last

- C200 FORWARD/REVERSE INTERFACE CONNECTIONS

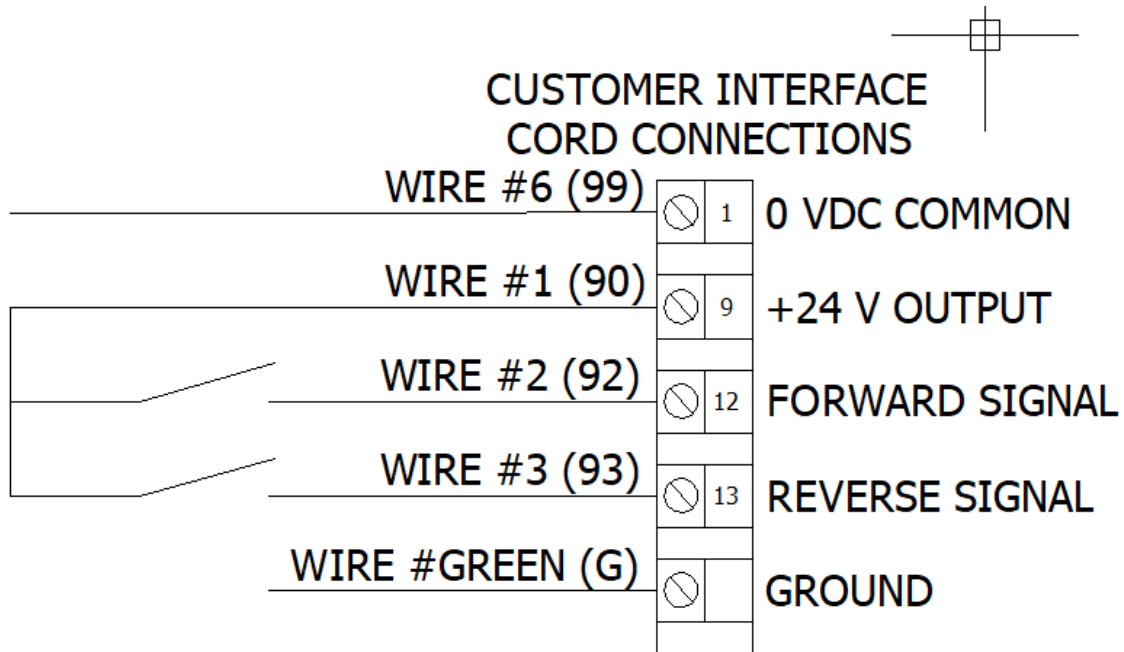


Illustration above shows connections for (NORMALLY OPEN DRY CONTACTS) from external equipment.

NOTE: If external equipment is supplying 24VDC signals for index/reverse signals wire #1 will not be used. Wire according to below:

- a. Wire #8 (control wire #99) will go to external equipment 0VDC (NEUTRAL)
- b. Apply 24VDC (HOT) to wire #2 (92) for forward signal above
- c. Apply 24VDC (HOT) to wire #3 (93) for reverse signal above
- d. Observe parameter 00.011 for Momentary or Maintained signal selections (Off for Momentary, On for Maintained)