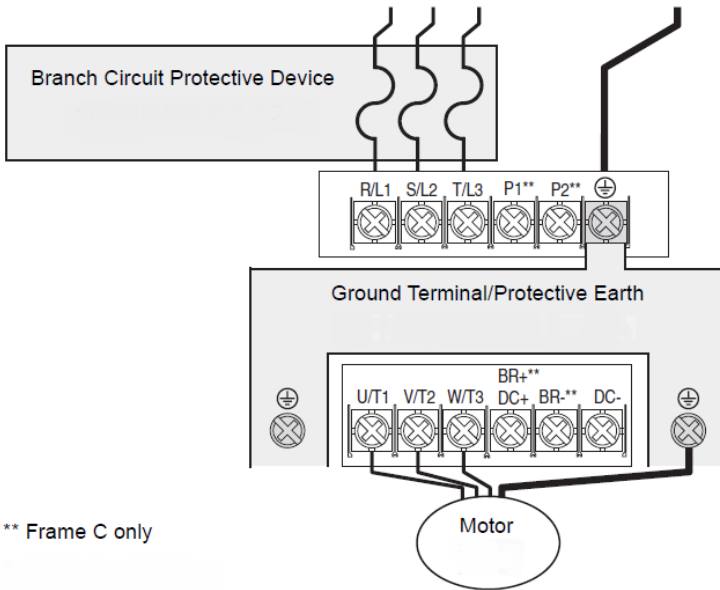




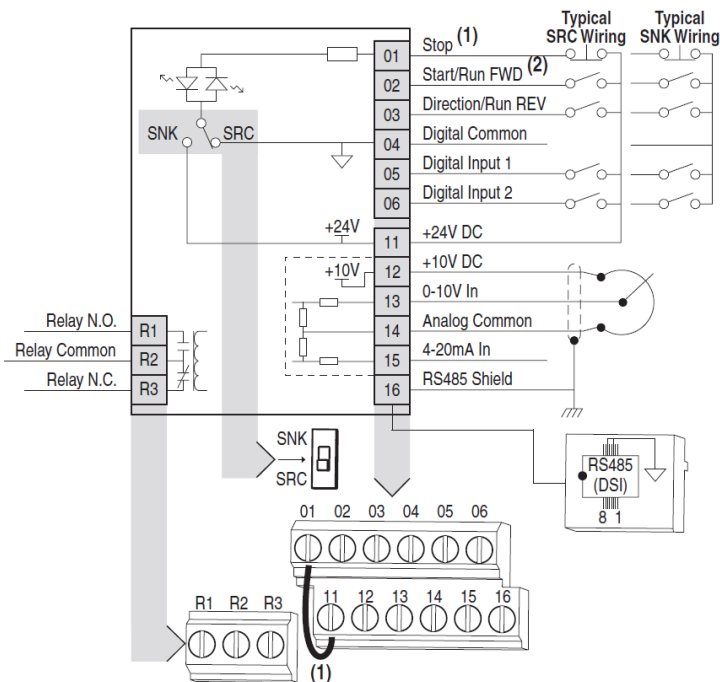
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PowerFlex 4M Quick Start Guide

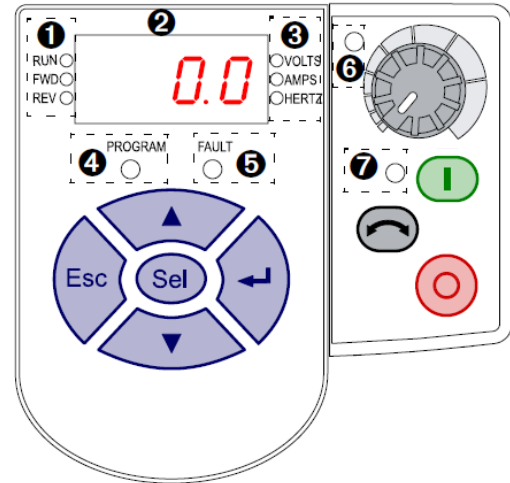
1. Power Wiring



2. I/O Wiring



3. How to navigate to Parameter Groups.



The interface module is shown above and a menu structure is shown below, to navigate through the menu structure you must do the following:

1.	Press ESC key twice to access first digit on the 7 segment display.	Esc
2.	To change between the parameter group shown below using either keys to the desired group.	Up/Down
3.	Once at desired group press the enter key.	Enter

Display	Parameter Group
0.0 VOLTS 0 AMPS 0 HERTZ	First Shown when drive powered up
2001 VOLTS 0 AMPS 0 HERTZ	Display Group (View Only)
P101 VOLTS 0 AMPS 0 HERTZ	Basic Program Group
E201 VOLTS 0 AMPS 0 HERTZ	Terminal Block Group
C301 VOLTS 0 AMPS 0 HERTZ	Communications Group
A401 VOLTS 0 AMPS 0 HERTZ	Advanced Program Group



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4. How to change a parameter value.

1.	Once at desired group press the enter key.		
2.	Navigate to the correct parameter using the up or down arrow once found press enter.		
3.	To edit this value press enter and use up & down arrows to edit to move to next digit to left use select key.		
4.	Once value has been select press enter to confirm and press esc key to return to menu		

5. List of basic parameters to set up drive for use.

No.	Parameter	Min/Max Value	Display/Options	Default Value
P101 	[Motor Nameplate Volts] Set to the Value on the motor nameplate rated Volts.	20 to Drive Rated Volts	1 VAC	Based on Drive Rating
P102 	[Motor Nameplate Hertz] Set to the Value on the motor nameplate rated Frequency.	10 to 400 Hz	1 Hz	60 Hz
P103	[Motor Overload Current] Set the maximum allowable motor current.	0.0 to (Drive Rated Amps x2)	0.1 Amps	Based on Drive Rating
P104	[Minimum Frequency] Sets the lowest frequency that the drive will output continuously.	0.0 to 400 Hz	0.1 Hz	0.0 Hz
P105 	[Maximum Frequency] Sets the highest frequency that the drive will output continuously.	0.0 to 400 Hz	1 Hz	60 Hz
P106 	[Start Source] Sets the source that will be used to start the drive.	0 to 5	0 = Keypad 1 = 3 Wire 2 = 2 Wire 3 = 2 Wire Level Sensor 4 = 2 Wire High Speed 5 = Communication Port	0
P107	[Stop Mode] Sets how the drive will be stopped. ¹Stop input also clears active fault.	0 to 7	0 = Ramp, CF ¹ 1 = Coast, CF ¹ 2 = DC Brake, CF ¹ 3 = DC Brake Auto, CF ¹ 4 = Ramp 5 = Coast 6 = DC Brake 7 = DC Brake Auto	0
P108	[Speed Reference] Sets the source of the speed reference to the drive.	0 to 5	0 = Drive Potentiometer 1 = Internal Frequency 2 = 0-10V input 3 = 4-20mA input 4 = Preset Frequency 5 = Communication Port	0
P109	[Acceleration time 1] Sets the rate of acceleration for all speed increases	0.0 to 600 Secs	0.1 Secs	10.0 Secs
P110	[Deceleration time 1] Sets the rate of deceleration for all speed decreases	0.0 to 600 Secs	0.1 Secs	10.0 Secs
P111	[Motor Overload Retention] Enables/Disables the motor overload Retention function	0 or 1	0 = Disabled 1 = Enabled	0
P112 	[Reset To Defaults] Resets all drive parameters to factory defaults.	0 or 1	0 = Idle State 1 = Reset Defaults	0

= Stop the drive before changing the parameter