

## Fault Codes

Fault Code	Fault Description
<i>F.FL</i>	Function Loss
<i>F.HU</i>	High Bus Voltage
<i>F.LU</i>	Low Bus Voltage
<i>F.OC</i>	Overcurrent
<i>F.OH</i>	Overtemperature
<i>F.OL</i>	Overload
<i>F.NNN</i>	Internal Fault (where NNN = a number from 0 to 999).
<i>F.dcn</i> or <i>F.ddp</i>	Keypad Cable Disconnected
<i>F.drc</i>	Keypad Cable Connected

## Setting the Operating Speed Before Starting the Unit

Standard units: Use the speed potentiometer or other user-supplied external speed reference device.

Units with local operator controls: As shipped from the factory, the unit receives its speed reference from the keypad. Use the  key to increase the speed reference and the  key to decrease the speed reference.

To use the analog input terminals for the speed reference, setup switch 2 (Speed Reference Select) must be in the ON position. In this case, the   keys are not used.

At subsequent power ups, the unit will use the last speed reference setting selected before power was removed.

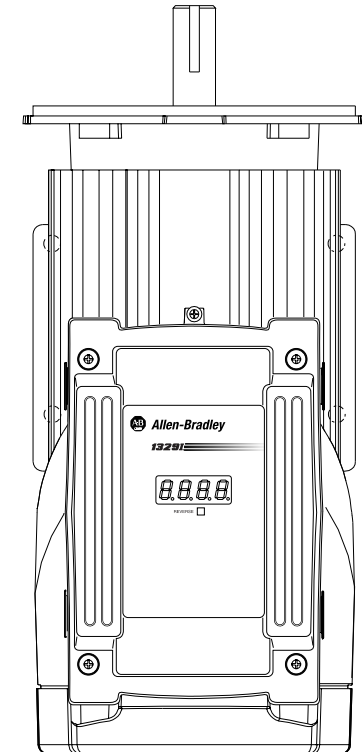
## Using the Local Operator Controls

Desired Action	User Steps
Start the unit.	Press the green <input type="button" value="I"/> key.
Stop the unit.	Press the red <input type="button" value="O"/> key.
Change motor rotation direction.	Press the <input type="button" value="↺"/> key.
Clear faults or abort Auto Restart sequence.	Press the <input type="button" value="RESET"/> key.
Decrease the speed reference.	Press the <input type="button" value="▼"/> key until the speed reference displayed is the desired value. The longer the <input type="button" value="▼"/> key is held down, the faster the value will change.
Display the current speed or load.	Press the <input type="button" value="▲"/> or <input type="button" value="▼"/> key once. The display will return to indicating speed in RPM or %load after three to five seconds.
Display the speed in RPM.	No action required; speed in RPM is the default display based on terminal 12.
Display %load.	Close switch on terminal 12.
Increase the speed reference.	Press the <input type="button" value="▲"/> key until the speed reference displayed is the desired value. The longer the <input type="button" value="▲"/> key is held down, the faster the value will change.



## 1329I Integrated Drive/Motor

### Quick Reference



**IMPORTANT:** This publication is designed as a reference tool. The 1329I User Manual (publication 1329I-5.0) must be consulted for more detailed information operation and hazards of personal injury.

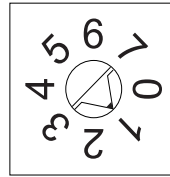


**ATTENTION:** All adjustments to these components should be made with the power removed. Failure to observe this precaution could result in severe bodily injury or loss of life.



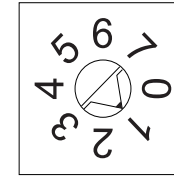
**ATTENTION:** After disconnecting input power, wait five minutes and check with voltmeter to assure that DC bus capacitors are discharged (DC+, DC-). The voltmeter should read zero volts.

### Max Speed Switch (SW2)



- 0 = 1500 RPM (50 Hz)
- 1 = 1800 RPM (60 Hz) Default
- 2 = 2100 RPM (70 Hz)
- 3 = 2400 RPM (80 Hz)
- 4 = 2700 RPM (90 Hz)
- 5 = 3000 RPM (100 Hz)
- 6 = 3300 RPM (110 Hz)
- 7 = 3600 RPM (120 Hz)

### Accel/Decel Switch (SW1)



- 0 = 1 Second Accel/5 Sec Decel
- 1 = 5 Seconds (Default)
- 2 = 10 Seconds
- 3 = 15 Seconds
- 4 = 20 Seconds
- 5 = 30 Seconds
- 6 = 60 Seconds
- 7 = 90 Seconds

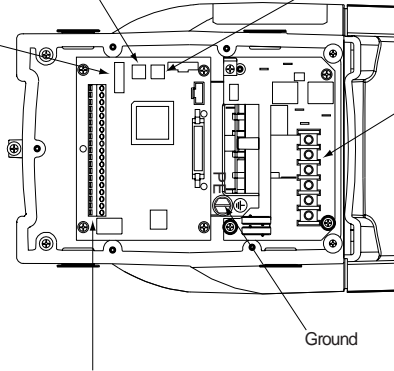
### Setup DIP Switch (SW3)

OFF ON

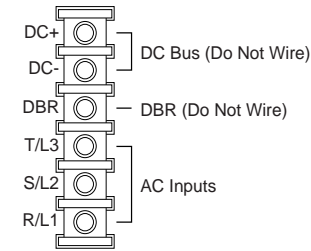
Run On Power Up	Disabled	<input type="checkbox"/>	Enabled
Speed Reference	Operator Controls	<input checked="" type="checkbox"/>	Terminal Block
Relay Control Output	Running	<input checked="" type="checkbox"/>	Faulted
Auto Restart	Disabled	<input type="checkbox"/>	Enabled
Torque Curve	Variable	<input type="checkbox"/>	Constant
Stop	Coast-to-Rest	<input type="checkbox"/>	Ramp-to-Rest
Reverse	Enabled	<input type="checkbox"/>	Disabled
Minimum Speed	3 Hz	<input type="checkbox"/>	From Terminal Block
Not Used		<input type="checkbox"/>	
Not Used		<input type="checkbox"/>	

= Default Setting (OFF Position)

① Switch 2 applies to local operator control units only.

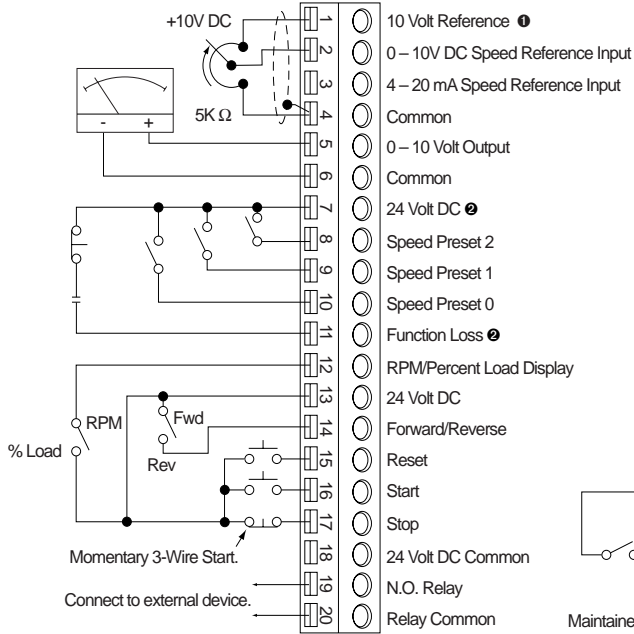


### AC Input Power Connections



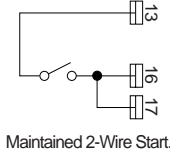
### Control Signal Terminal Block

#### Standard Unit

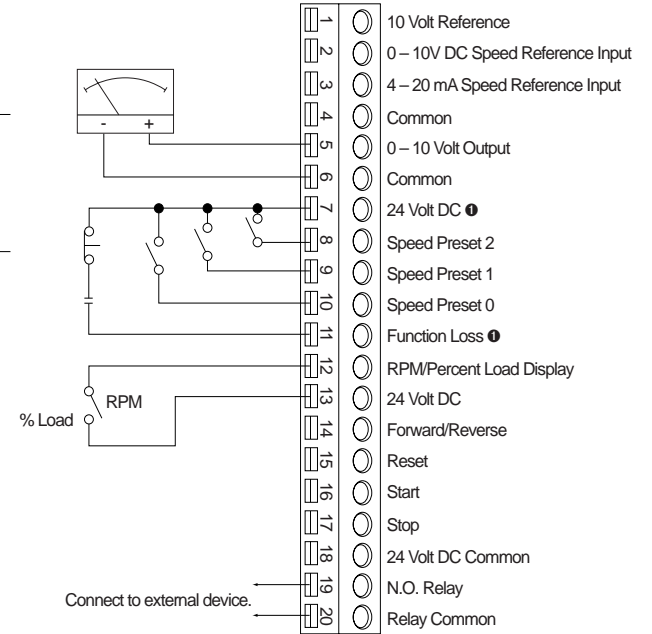


**ATTENTION:** The cover screws must be securely tightened in order to properly ground the cover. Verify that all four cover screws are tight before applying power to the unit. Failure to observe this precaution may result in severe bodily injury or loss of life.

- = N.O. Momentary Contact
- = N.C. Momentary Contact
- = Maintained Contact - Closed
- = Maintained Contact - Open



#### Local Operator Control Unit



① An external 0 to 10 volt or 4 to 20 mA speed reference source can be connected. See Section 7.5.3 of the User Manual for more information.

② The jumper between terminals 7 and 11 must be removed when wiring the Function Loss input. See Section 7.1 of the User Manual for more information.