

















Quick Reference Card

<p>P705.00 Language select</p> <p>Example: P420.02</p> 	<p>Group 0 – Favorites</p> <p>Group 1 – Diagnostics Group 2 – Basic setting Group 3 – Motor control Group 4 – I/O setting Group 5 – Network setting Group 6 – Process controller Group 7 – Additional function</p>	<table border="1"> <tr> <td></td> <td>Navigation in Menu Up Down parameter value</td> </tr> <tr> <td></td> <td>Enter (sub-)menu/parameter Confirm parameter</td> </tr> <tr> <td></td> <td>Exit (sub-)menu/parameter</td> </tr> <tr> <td></td> <td>Keypad Stop inverter</td> </tr> <tr> <td></td> <td>Enable inverter</td> </tr> </table>		Navigation in Menu Up Down parameter value		Enter (sub-)menu/parameter Confirm parameter		Exit (sub-)menu/parameter		Keypad Stop inverter		Enable inverter
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	Enter (sub-)menu/parameter Confirm parameter											
	Exit (sub-)menu/parameter											
	Keypad Stop inverter											
	Enable inverter											

Group 0 – FAVORITES Direct access to most important parameters(*)

① Load defaults: Set P700.01 = 1

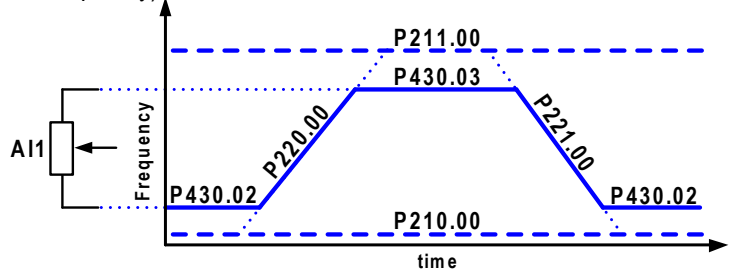
② Basic V/f Motor Control Setup

Motor Setup

- *P208.01 AC input voltage (set to appropriate applied input mains voltage)
- *P303.01 Base Voltage (set to motor rated voltage)
- *P303.02 Base Frequency (set to motor rated frequency)

Operation Setup

- *P210.00 Minimum frequency [Hz]
- *P211.00 Maximum frequency [Hz]
- *P220.00 Acceleration time 1 [s]
- *P221.00 Deceleration time 1 [s]
- *P430.02 AI1 Frequency @ min [Hz]
- *P430.03 AI1 Frequency @ max [Hz]

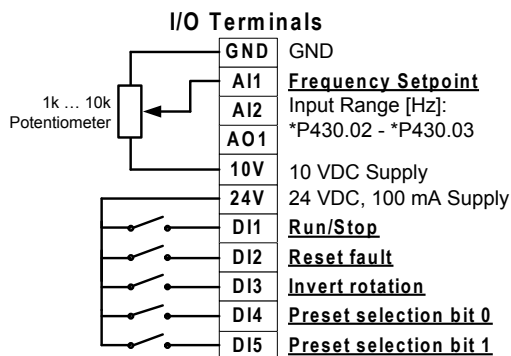


Terminal Control (Default)

1 – Set Parameters:

- *P450.01 Preset frequency: Preset 01 [Hz]
- *P450.02 Preset frequency: Preset 02 [Hz]
- *P450.03 Preset frequency: Preset 03 [Hz]

2 - Operation



③

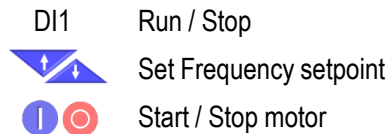
Local Control by Keypad

1 – Set Parameters:

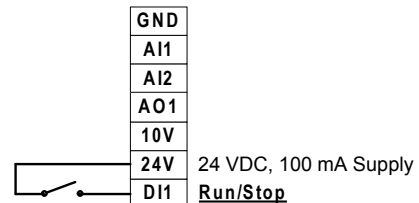
- *P200.00 = 1 (Keypad as control source)
- *P201.01 = 1 (Keypad as freq. setpoint source)

2- Operation

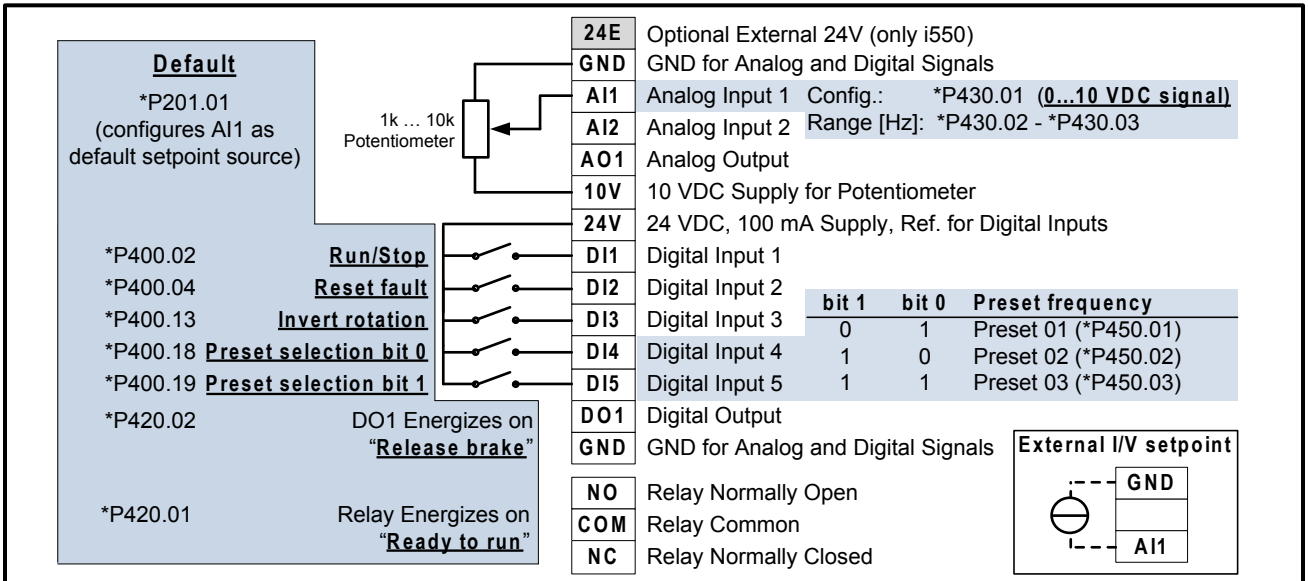
- *P400.13 = Invert rotation (0=FWD / 1=REV)



I/O Terminals



④ Save settings to memory module:  > 3s ( Flashing = Not saved  Solid = Saved)



- Set **Default setpoint source** *P201.01
- **Inverter enable** *P400.01 and **Run/Stop** *P400.02 must be HIGH or TRUE to run motor
- If *P200.00 is **Flexible** either **Inverter enable** or **Run/Stop** must be assigned to an I/O
- **Run forward/reverse** [Maintained Signals]
- **Start forward/reverse** [Rising Edge triggered Signals]
Stop Signal: **Run/Stop** LOW

Diagnostic:

*P100.00	Actual frequency [Hz]
P102.00	Frequency setpoint [Hz]
*P103.00	Actual Motor current [%]
P125.01	Active control source
P125.02	Active setpoint

RDY	ERR	State
		No supply voltage
■ ■		Safe torque off (STO) active
1 Hz	■■■■■■■■	Safe torque off (STO) active, warning active
		Inverter disabled/stopped
■ ■ ■ ■	■ ■ ■ ■	Inverter disabled/stopped, DC Voltage not on
2 Hz	■■■■■■■■	Inverter disabled/stopped, Warning active
	■■■■■■■■	Inverter disabled/stopped, Fault active
		Inverter enabled & running OR Quick stop active
■■■■■■■■	■■■■■■■■	Inverter enabled & running, Warning active
	■ ■	Inverter enabled, quick stop as response to a trouble active

Errorcode (Hex)	Cause & Solution	(W.=Warning, T.=Trouble, F.=Fault)
.2382 / .2383	Inverter output current overload (ixt)	
.3210 / .3211	DC link overvoltage. Deceleration time to short or motor in generator mode.	
.3220 / .3221	DC link undervoltage. Check main supply voltage.	
.3222	DC link voltage to low for power up. Check main supply voltage.	
.4310	Motor overtemperature (PTC-Input). Check ambient and motor load condition.	
.6280	Not allowed configuration. In Flexible control mode Inverter enable or Run/Stop must be assigned to a I/O. Start forward/reverse and Run forward/reverse can't be used together.	
.FF37	Automatic start after Supply-On is inhibited. Remove Run or Start signal.	