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WJ200
Quick Start

Quick Start Essential Parameters

b037 – Unlocks parameters (default 04)

A001 – Frequency (Speed) Source (default 02)

A002 – Run Command Source (default 02)

b012 – Motor nameplate current (default varies)

b091 – Stop Mode (default 00)

H004 – Motor nameplate poles (default 4 poles)

F001 – Keypad Speed setting (default 00.00)

F002 – Acceleration time (default 10 seconds)

F003 – Deceleration time (default 10 seconds)

To Unlock All the Parameters

1 Press ESC to enter programming mode

2 Press ESC until parameter b001 is on the display of your drive

3 Press the UP key until b037 is reached

4 Then press the SET key to enter the b037 parameter

5 Now you can change the 04 to 00 using the down key

6 Press the SET key to save the data

Now you have unleashed your WJ200 drive!

To Set the Motor Current

1 Press ESC to enter programming mode

2 Press ESC until parameter b001 is on the display of your drive

3 Press the UP key until b012 is reached

4 Then press the SET key to enter the b012 parameter

5 Now you can set your motor nameplate current using the UP and Down keys

6 Press the SET key to save the data

To Set the Motor Poles

1 Press ESC to enter programming mode

2 Press ESC until parameter H001 is on the display of your drive

3 Press the UP key until H004 is reached

4 Then press the SET key to enter the H004 parameter

5 Now you can set the motor poles based on the speed of your motor

6 Press the SET key to save the data

Motor poles = 120*60/synchronous speed (1200, 1800, 3600 RPM)

To Set the Speed Reference

1 Press ESC to enter programming mode

2 Press ESC until parameter A001 is on the display of your drive

3 Then press the SET key to enter the A001 parameter

4 Select the speed reference from the options below

00- To use the Keypad Potentiometer	04- Option card used for speed
01- Analog input (0-10Vdc, or 4-20mA) from the terminals	06- If your application is using a pulse train input
02- When using the Keypad set the speed with parameter F001	07- When setting the speed via the Easy Sequence programming
03- When setting the speed via Modbus communication network	10- When the speed is a result of an operation used in your drive programming

5 Press the SET key to save the data

To Set the Run Command Source

1 Press ESC to enter programming mode

2 Press ESC until parameter A001 is on the display of your drive

3 Press the UP key until A002 is reached

4 Then press the SET key to enter the A002 parameter

5 Now you can select the run command source from the options below

01- To use the digital input via the terminals	03- Use this option when commanding your drive to run via your Modbus communication network
02- When your application calls for using the Keypad for run command	04- Option card used for run

6 Press the SET key to save the data

To Set the Frequency or Speed

1 Press ESC to enter programming mode

2 Press ESC until parameter F001 is on the display of your drive

3 Then press the SET key to enter the F001 parameter

4 Now you can adjust the speed of your drive based on your application

5 Press the SET key to save the data

F001 parameter can be adjusted with your drive stopped or running.

To Set the Acceleration Time

1 Press ESC to enter programming mode

2 Press ESC until parameter F001 is on the display of your drive

3 Press the UP key until F002 is reached

4 Then press the SET key to enter the F002 parameter

5 Now you can adjust the acceleration time of your drive based on your application. The time is adjusted using the UP and Down keys

6 Finally, press the SET key to save the data

To Set the Deceleration Time

1 Press ESC to enter programming mode

2 Press ESC until parameter F001 is on the display of your drive

3 Press the Up key until F003 is reached

4 Then press the SET key to enter the F003 parameter

5 Now you can adjust the deceleration time of your drive based on your application. The time is adjusted using the UP and Down keys

6 Press the SET key to save the data

To Set the Stop Mode

1 Press ESC to enter programming mode

2 Press ESC until parameter b001 is on the display of your drive

3 Press and hold the UP key until b091 is reached

4 Then press the SET key to enter the b091 parameter

5 Now you can select the Stop Mode from the options below

00- decelerate to stop (controlled stop)

01- free run stop (coast)

6 Press the SET key to save the data

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