CNC MILLING SPINDLE KIT

2200W (3.0HP) / MAX. 6000RPM,
(BRUSHLESS MOTOR AND DRIVER, 220VAC

Panel Control Parameter Settings
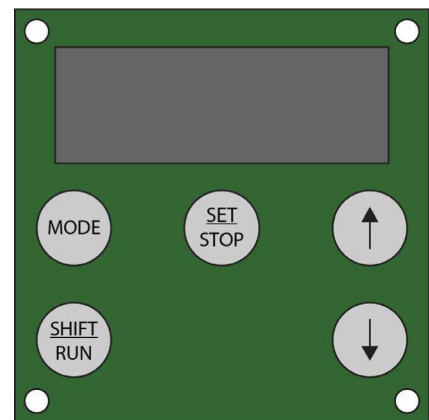
FN000 = D0012
FN001 = 1
FN010 = 36

Analog Control Parameter Settings

FN000 = D0012
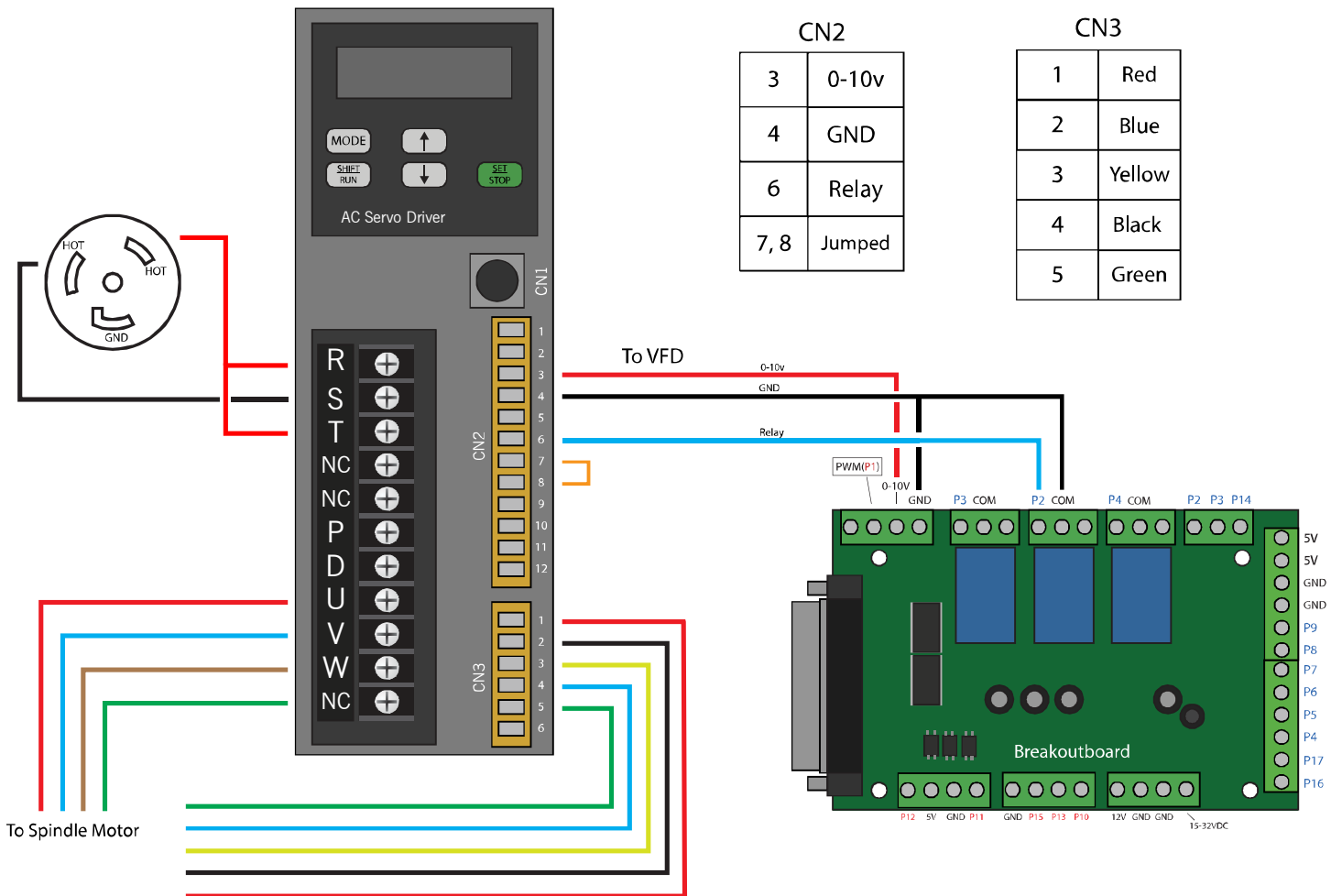FN001 = 1
FN010 = 36
FN220 = 520 (0-10v)
       1040 (0-5v)

*Must restart after setting

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Wiring Diagram

CN2

3	0-10v
4	GND
6	Relay
7, 8	Jumped

CN3

1	Red
2	Blue
3	Yellow
4	Black
5	Green

MODE

SHIFT RUN

SET STOP

AC Servo Driver

HOT HOT GND

R
S
T
NC
NC
P
D
U
V
W
NC

CN1

CN2

CN3

To Spindle Motor

To VFD

0-10v
GND
Relay

PWM(P1)
0-10V   GND   P3 COM   P2 COM   P4 COM   P2 P3 P14

5V
5V
GND
GND
P9
P8
P7
P6
P5
P4
P17
P16

Breakoutboard

P12   5V   GND P11   GND P15 P13 P10   12V GND GND   15-32VDC

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Notes

Pressing MODE at anytime brings you to parameter options.

R & T is jumped together
One leg of 220v is assigned to R
Other leg of 220v is assigned to S

U, V, W are assigned to spindle power output.
U, V, W are interchangable.

If spindle starts counter-clockwise when it should be turning clockwise, swap U & V.

Under Panel Control Setting
Pressing Shift/Run button - Starts motor
Pressing Set/Stop button - Stops motor