

PM1340GT VFD Wiring Diagram for Hitachi WJ200 with an External Power Supply, Proximity Limit SW, Lighted E-Stop safety, 2-stage Braking, Joystick For/Rev JOG and Lighted Coolant SW ON-OFF-INT

**Diode 1N400X type: 1N4004**

**LED, 24VDC (use terminals on switch if lighted SW used. Note + and - polarity wiring)**

**Normally Open SW**

**Normally Closed SW**

**Control box**

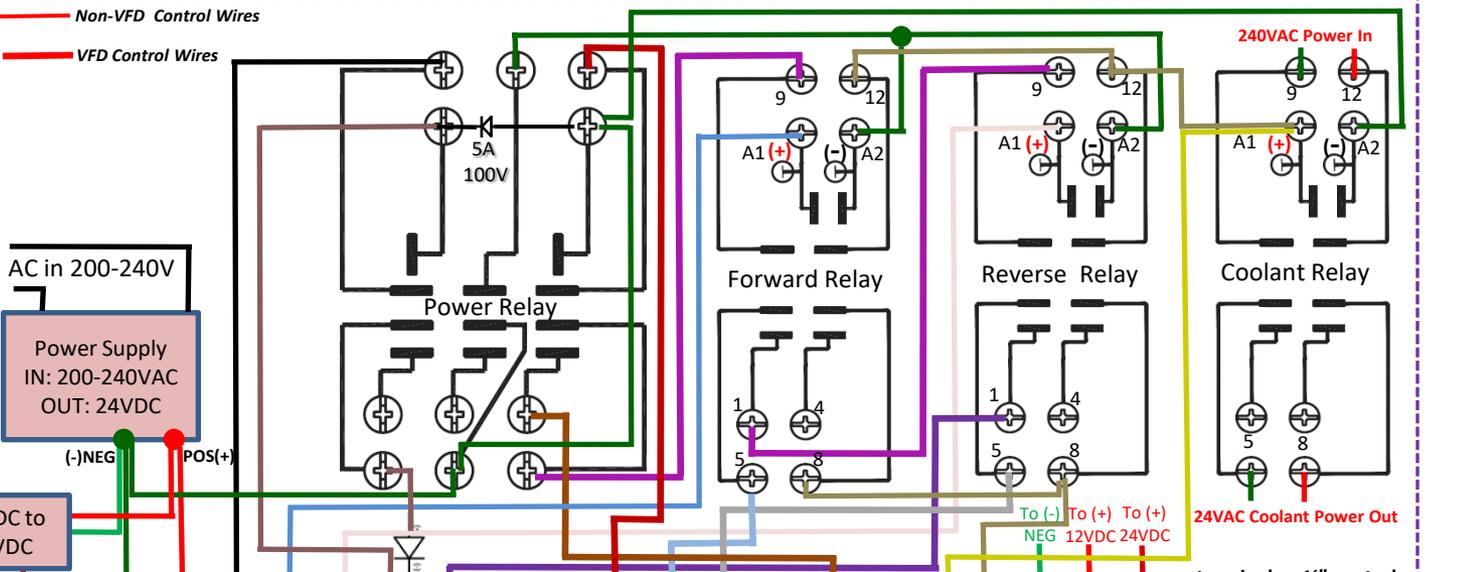
**VFD Connections**

**Front Panel Connections**

**FOR/STOP/REV Connections**

**Wires connected**

**White Wires**



**Speed Control**  
Use 4 conductor shielded cable (green wire is not used). ground cable shield on this VFD end only

**Input Terminal 5:**  
SW Closed 2 stage braking (3 sec)  
SW Open 1 stage braking (1 sec.) E-Stop & Prox. Stop is 1 stage only

**Input 4 = STOP and prevents restart**

**Input 3 = JOG**  
Input 2 = Reverse  
Input 1 = Forward

**VFD Shorting bar, connect stock black wire with blue ferrule jumper between L & PLC as shown make sure this is correct**

19 12V

1 NEG 2 24V

3 4 5 6 7 8 9 10 11 12 13 14 15

15 14 13 12 11

10

H O L

5 4 3 2 1

L PLC P24

