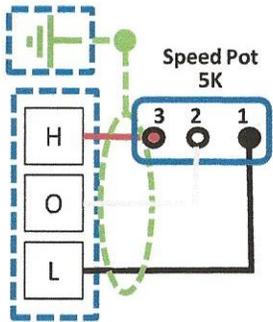


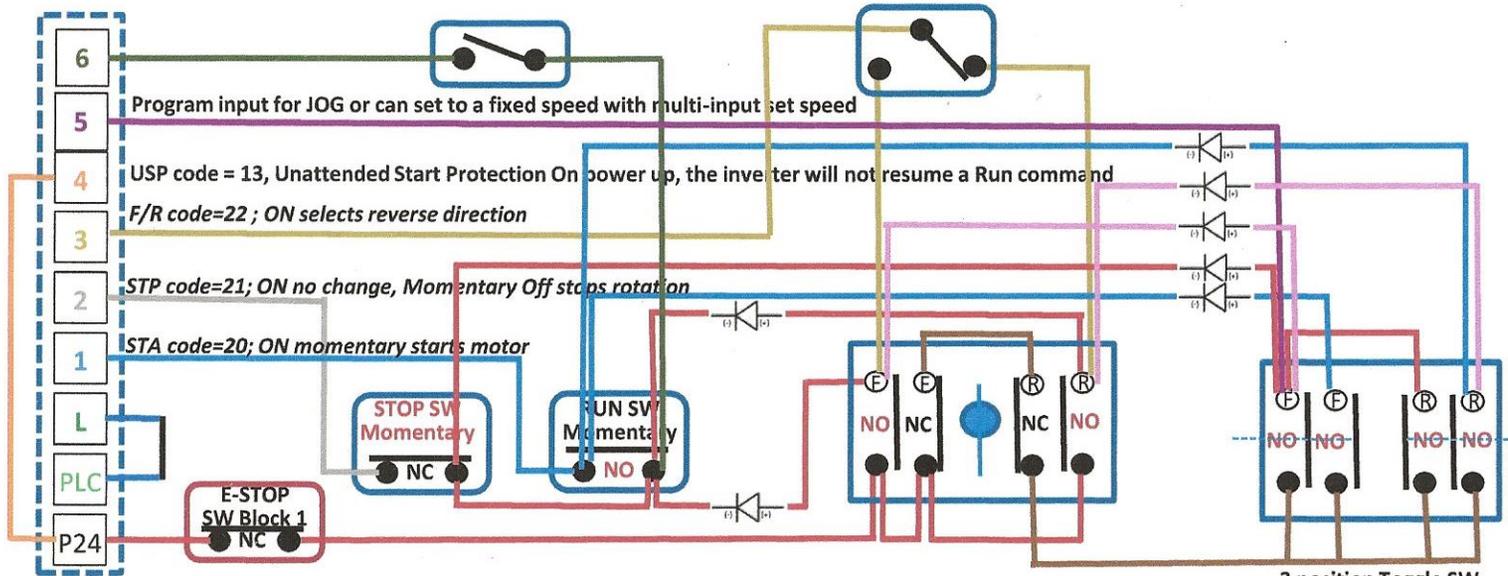
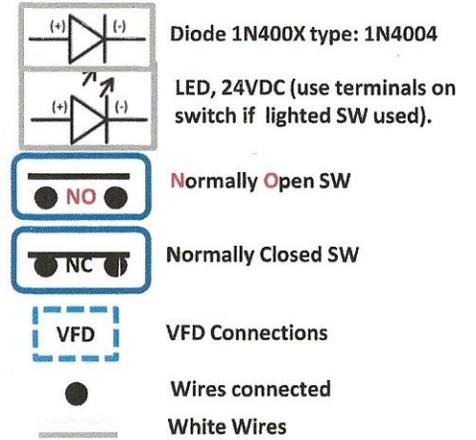
3 Wire Mill Control With E-Stop Switch, no indicator ON light with Start Protection

Hitachi WJ200 VFD must be wired for source logic
 Momentary F/R, Backgear SW, 1/2 Stage Braking
 No Indicator Lights



1 stage Braking (1 sec) open, 2 stage (3-sec) closed
 Always 1 stage with direction SW in Stop or E-STOP activated

Use plunger or roller limit switch,
 When switch is engaged it
 switches the reverse input from R
 to F poles on the switch.



3 wire control
 OFF, ON, Reverse

3 position Maintained
 F-OFF-R
 Middle Off has no contact
 Use current motor
 direction control switch
 and rewire OR
 Switch GCX1320-22
 Legend E22NS38

3 position Toggle SW
 MOM-OFF-MOM
 Middle Off has no contact

Or use two separate MOM
 dual pole push button
 switches

Jog /MOM switches will
 not operate unless F/R
 switch is in the stop
 position.

Speed is fixed "Hz" by JOG
 or fixed multi-bit input