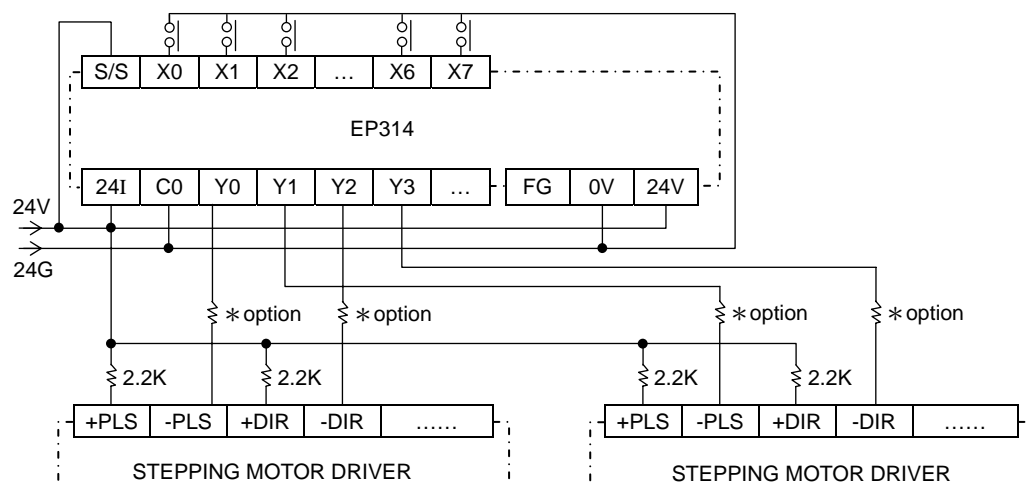


EPeditor : Axes Control (HMI type: EP314) – Absolute Control – Stepping motor

◆Wiring diagram



◆Parameter setting of EpEditor :

Absolute Control

☒ Enable Axis1 Absolute Control

startMregister(Y0) M 560

M560–M569 be occupied

startDregister(Y0) D 160

D160–D169 be occupied

DDRVA [s1.] [s2.] [d1.] [d2.] #pls:Y0,dir:Y2

Axis1Position [S1.] D 160

Axis1Speed [S2.] D 162

Maximum Speed (D8156) 20000 pps

Bias Speed (D8168) 100 pps

Acc Time (D8164) 200 (ms)

Dec Time (D8165) 200 (ms)

☐ Axis1Acc./Dec.TimeSeparatedFlag

☒ Enable Axis2 Absolute Control

startMregister(Y1) M 570

M570–M579 be occupied

startDregister(Y1) D 170

D170–D179 be occupied

DDRVA [s1.] [s2.] [d1.] [d2.] #pls:Y1,dir:Y3

Axis2Position [S1.] D 170

Axis2Speed [S2.] D 172

Maximum Speed (D8158) 20000 pps

Bias Speed (D8170) 100 pps

Acc Time (D8166) 200 (ms)

Dec Time (D8167) 200 (ms)

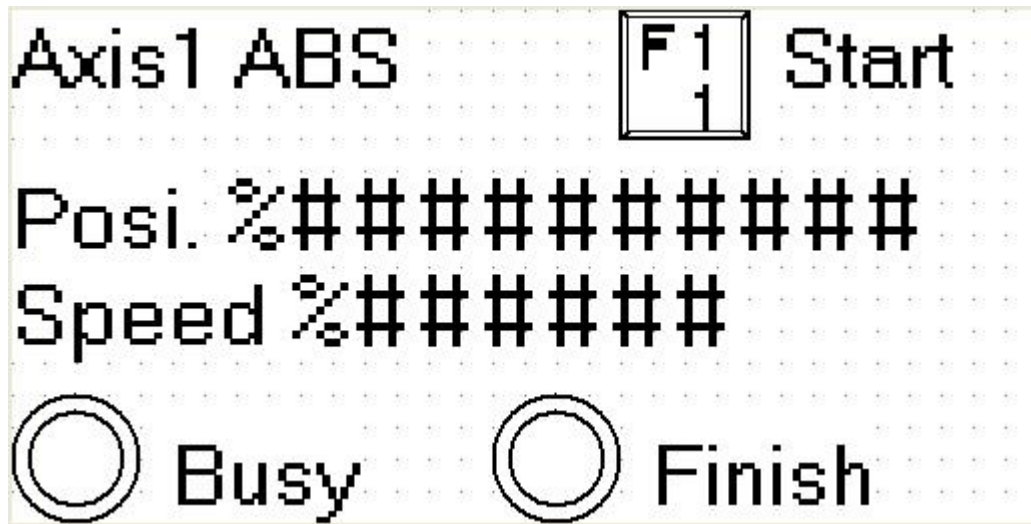
☐ Axis2Acc./Dec.TimeSeparatedFlag

Help ...

Ok

Cancel

< Screen 1 of example >



Press [SFT]+[F1] (M560) once under this screen, Axis1 starts to execute position

Posi. [D161, D160] : input target position of Axis1. It is ineffective to change position during operation.

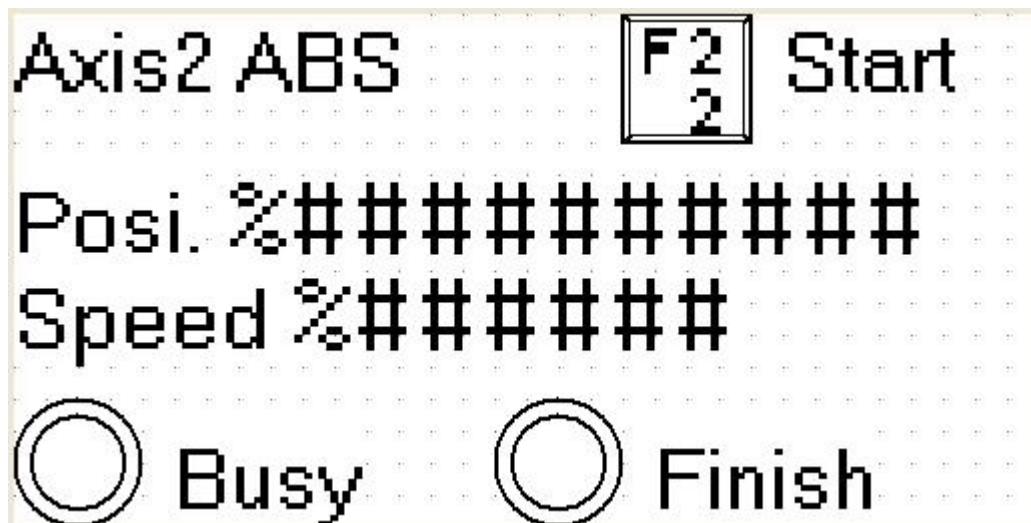
Speed [D163, D162] : change output frequency of Axis1. It is ineffective to change output frequency during operation.

Bias speed \leq Output frequency \leq Maximum speed

During operation, Busy indicator (M562) will be ON. It means Axis1 is busy.

After position of Axis1 is finished, Finish indicator (M567) will be ON.

< Screen 2 of example >



Press [SFT]+[F2] (M570) once under this screen, Axis2 starts to execute position

Posi. [D171, D170] : input target position of Axis2. It is ineffective to change position during operation.

Speed [D173, D172] : change output frequency of Axis2. It is ineffective to change output frequency during operation.

Bias speed \leq Output frequency \leq Maximum speed

During operation, Busy indicator (M572) will be ON. It means Axis2 is busy.

After position of Axis2 is finished, Finish indicator (M577) will be ON.