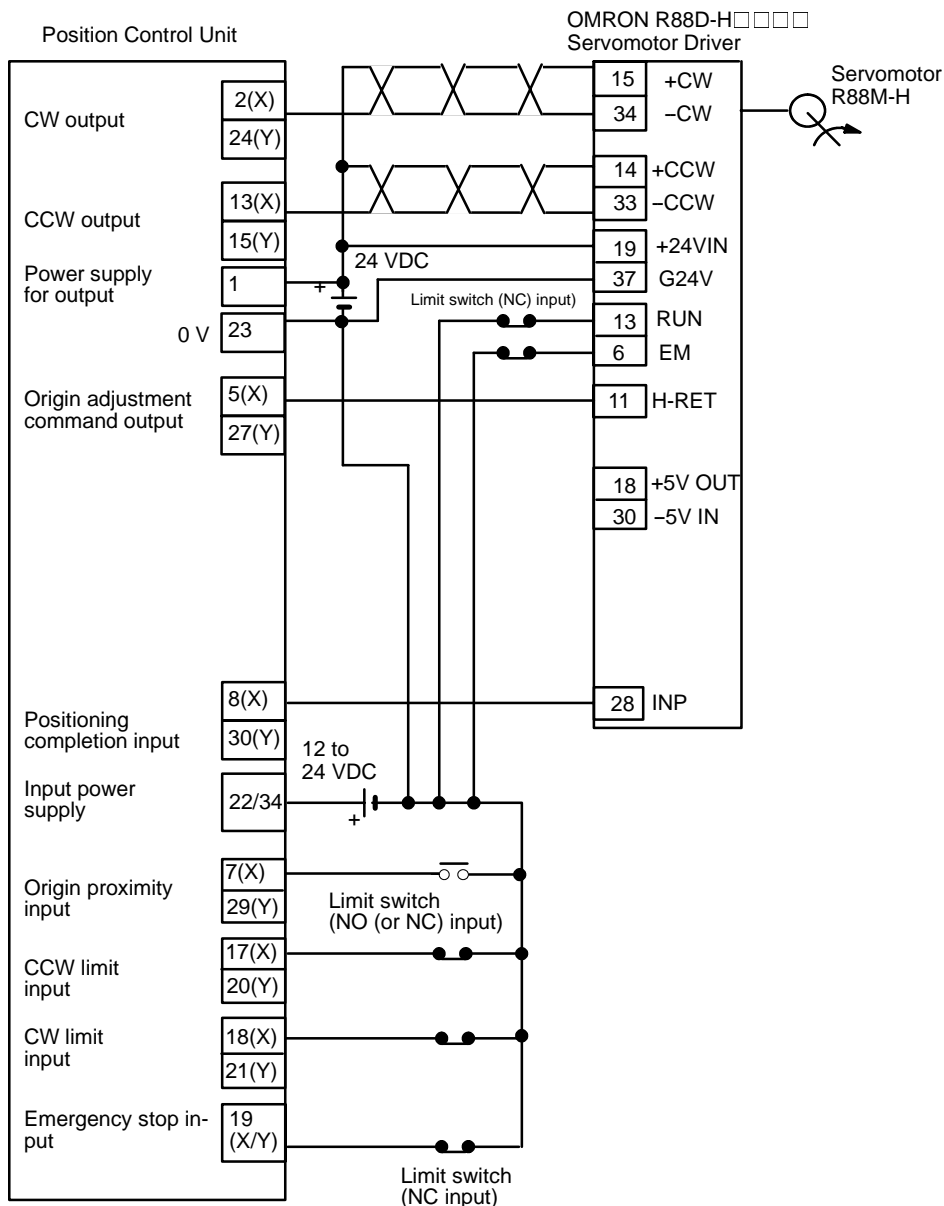


## Example 4: Origin Search Mode 3 Connection

This is an example using the origin adjustment function of OMRON's Servomotor Driver. The positioning completed signal (INP) is used as both the origin search completion and the positioning completed signal.

Be sure to adjust the settings of the servomotor driver so that the positioning completed signal is OFF when the motor is operating and ON when it is stopped.

The following diagram illustrates a connection example in which only the X axis is used. The same wiring can be used for the Y axis of the NC211. The NC113 is not provided with the Y axis.



### Caution

When only one axis is used, short-circuit the CW limit input and CCW limit input of unused axis to 0 V in 12 to 24 VDC. If these are not short-circuited, the ERROR LED will light, but the axis in use will operate normally.