



Note 1. Incorrect signal wiring can cause damage to Units and the Servo Driver.

Note 2. Leave unused signal lines open and do not wire them.

Note 3. The diode recommended for surge absorption is the ERB44-02 (Fuji Electric).

Note 4. This wiring diagram is an example of X-axis wiring only. For two-axis control, the external input and Driver wiring must be connected for the Y axis in the same way.

Note 5. External output 2 (OUT 2X) can be turned ON and OFF with external servo-free input, at which time external output 2 of the C500-NC222-E's address numbers 420 (X axis) and 820 (Y axis) must be set to 1 (turned OFF at the time of servo free).

Note 6. When the C500-NC222-E is used in NC221 mode, external servo-free input works as emergency stop input. Therefore external output 2 cannot be used as a RUN signal. Input a RUN signal from other I/O terminals.

Note 7. Use the RUN signal to set whether the Servo can be turned ON/OFF.