



Objective

To configure the 620 drive for Torque Control operation with Jog

Equipment

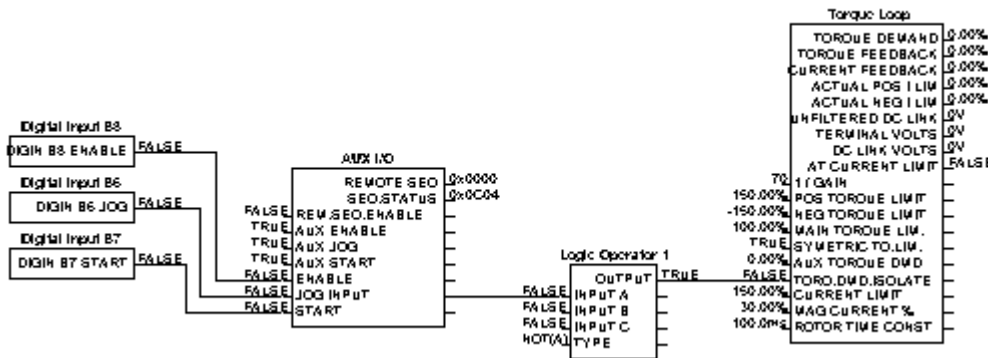
620 AC drive, computer with ConfigEd Lite (> v.4.02) installed

Procedure

1. Launch ConfigEd Lite on the computer. For details, see ConfigEd Lite manual RG352747
2. Under FILE::NEW, open up the default configuration of the drive you have, (example: default4.620).

Note: Ensure that the name on the lower left corner matches the drive.

3. Transfer the Logic Operator 1 block on page 2 to page 1.
4. Connect the AUX I/O::JOG INPUT block to Logic Operator 1::Input A.
5. Connect the Logic Operator 1::OUTPUT to Torque Loop::Torque Dmd Isolate.



6. Set the SpdLp Setpoints::Direct Enable to TRUE
7. Adjust SpdLp Setpoints::Direct Ratio for the amount of Torque required by the drive.
8. The amount of voltage on terminal C4 controls the 620 Torque.

Note: 7.5VDC on terminal C4 = 100% drive Torque.

9. The drive will operate in Torque Control when B4 is true (= 24VDC).
10. The drive will Jog when B6 is true (= 24VDC).

If you have questions, please call the Product Support Group at (704) 588-3246.