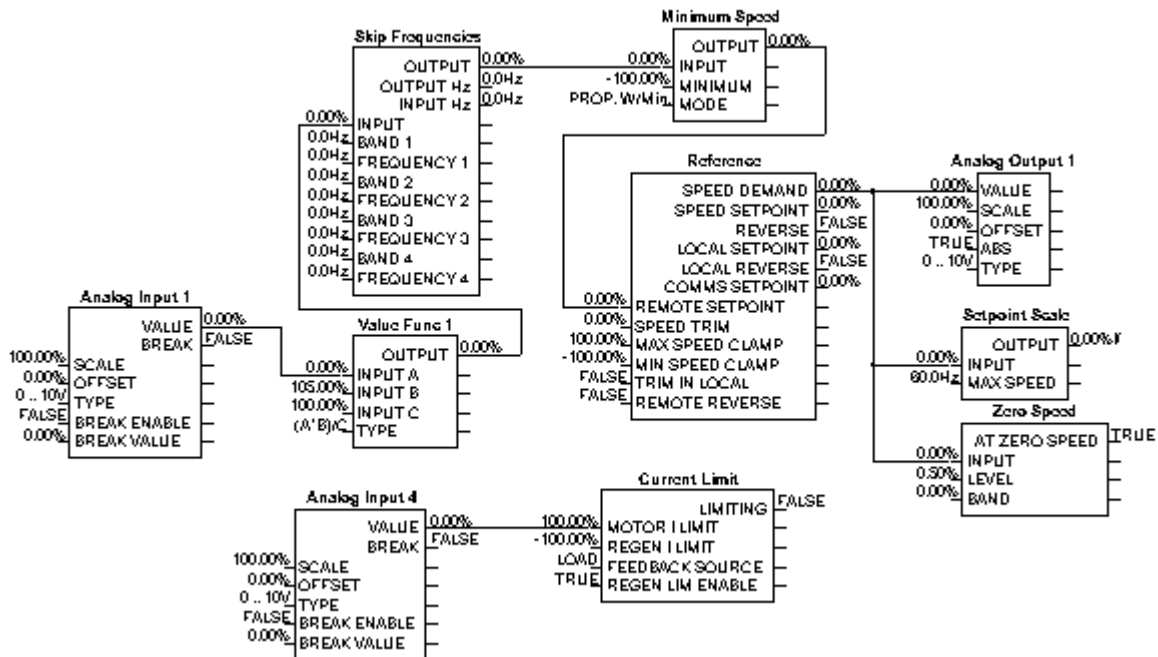**EUROTHERM
DRIVES**

Objective

To configure a 584SV drive to optimize the Torque Control with a Web breakage control.

Equipment

584SV 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. Use File::New to select the default configuration for the drive; for example: default4.5sv. Ensure that the name on the lower left corner of the configuration title block matches the drive you are configuring.
3. FILE::RENAME/SAVE AS the file with the name of your choice.
4. Delete the Output connection from the Analog Input 2 block to the Value Function 1 block.
5. Double-click on the Value Function 1 block to open the parameter dialog box.
6. Change the following parameters, then close the window.
    INPUT B = 105%
    INPUT C = 100%
    TYPE = (A*B)/C
7. Connect the VALUE output of Analog Input 4 on page 1 to MOTOR I LIMIT of the Current Limit block on page 2.
8. Change the FEEDBACK SOURCE to LOAD.
9. Connect the Line Speed setpoint to terminal 1 (ANALOG INPUT 1) and Torque setpoint to terminal 5 (ANALOG INPUT 4).

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