

## Hyper-terminal PC communications setup for the S300 and/or S600 drive amplifiers by Kollmorgen

- 1). 'HyperTerminal' is an application/utility communications program found in the 'Accessories' folder of Windows used for connecting the computer to another computer via a modem type connection. This 'hyperTerminal' connection is and/or can be utilized with the S300/S600 drives to down load firmware, troubleshoot, query variables, & provide user access to other features NOT available via the 'Human Interface Software'(HMI) / Drive Software (Drive.exe / DriveGUI.exe).
- 2). Utilize hyperterminal from your PC with a null-modem cable (pin: 2 -> 3, pin: 3 -> 2, and pin: 5 -> 5); if you have not already set-up your PC for HiperTerminal communication to the S600/S300 drives follow the instructions below (**otherwise go to Step-3**):
  - a. From Window (os) go to Start, Programs, Accessories, communications, HyperTerminal.
  - b. Type the name: 'S300orS600 Drive' or eq. under New Connection.
  - c. At the 'connect using' field chose: 'COM1' or the eq. port to be utilized by your PC. Click 'Ok'.
  - d. Set the next set of fields as follows:
    1. 'Bits per second': 9600 for the S600; for the S300 set it to 38400 [x: - To clear fw].
    2. 'Data Bits': 8
    3. 'Parity': None
    4. 'Stop bits': 1
    5. 'Flow control': NoneClick 'Ok'.
  - e. With the null-modem cable connected to the specified port of the PC and the 'x6' of the drive; Click: 'Enter/Return' several time until you get a prompt: '->'; this establishes communication with the drive.
  - f. Go to Step-3 [skip Step-2].
- 3). Open a hyperterminal connection that has already been set-up:
  - a. From Window (os) go to Start, Programs, Accessories, communications, hyperterminal and under 'New Connection' Click: 'Cancel'.
  - b. Open the file: 'S300orS600 Drive' or eq.
  - c. With the null-modem cable connected to the specified port of the PC and the 'x6' of the drive; Click: 'Enter/Return' several time until you get a prompt: '->'; this establishes communication with the drive.

**NOTE:** In order to determine the start-up boot up program version type '\_exit' after the prompt, after the Enter button is pushed, the revision number will be displayed.

For the new fw download tool requires =>7.2; anything less use CAN open.