

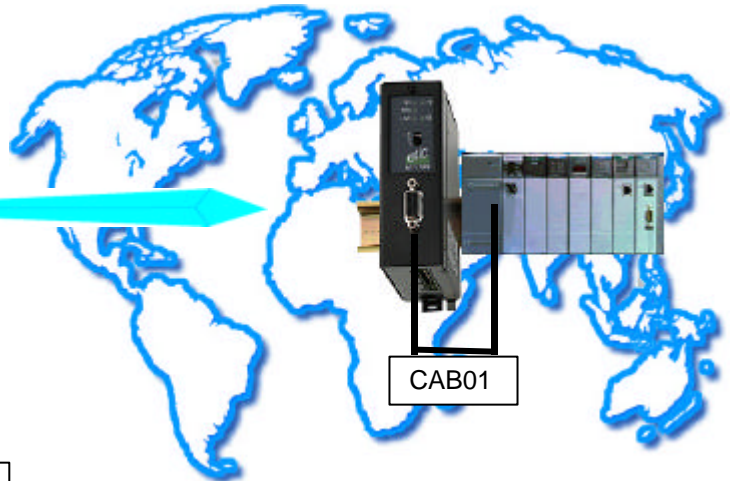
1. PURPOSE

To use the **RS Logix 500** programming software through the PSTN : Downloading of programs, diagnosis, adjustment...



The user shall make sure that the operations carried out are not dangerous for people and for the equipment.

2. SYNOPSIS



3. CABLES

| CAB01 | | |
|-------------------|---|-----------------|
| P.C. / PLC | | Modem |
| 9-pin female SubD | | 9-pin male SubD |
| 1 | ← | 1 CD |
| 2 | ← | 2 Rx |
| 3 | → | 3 Tx |
| 4 | → | 4 DTR |
| 5 | → | 5 SG |
| 6 | ← | 6 DSR |
| 7 | → | 7 RTS |
| 8 | ← | 8 CTS |
| 9 | ← | 9 RI |

4. INSTRUCTIONS

4.1. Configuring the modem for use with the PLC

- 1 Open WINDOWS Terminal or Hyperterminal, set data rate at 9600 b/s and frame at 8 bits – parity: NONE - 1 STOP (8N1).
- 2 Connect the modem to the PC with an RS232 cable. Connect the modem to the power adapter and switch it on.
- 3 Enter AT&F1\N3%C0S37=9. The modem returns OK.
- 4 Enter AT&W1↵. The modem returns OK. *
- 5 Enter AT&Y1↵. The modem returns OK. *
- 6 Switch off the modem and disconnect it from the PC. It is now ready to be installed on the PLC.

4.2. Configuring the PLC

- 1 Configure the data rate on the serial link of the PLC at 9600 b/s and frame at 8 bits – parity: NONE - 1 STOP (8N1).
- 2 Set the Time Out on the serial interface of the PLC at 3 s (20ms * 150).

** refer to user guide at configuration section*

4.3. Connecting the modem to the PLC

- 1 Connect the modem to the PLC with the CAB01 cable.
- 2 Connect the power adapter and the telephone cable to the modem.

4.4. Configuring the modem for use with the PC

- 1 Same as paragraph 4.1.

5. USE

5.1. To call

- 1 Open WINDOWS Terminal or Hyperterminal. Set data rate at 9600 b/s and frame at 8 bits – parity NONE - 1 STOP (8N1).
- 2 Enter AT&F1↵ The modem returns OK.
- 3 Enter and dial ATDtttt↵ (CR) (tttt = phone number).
- 4 When the LINE led switches on, close WINDOWS Terminal or Hyperterminal.
- 5 You can now open the programming software and work (9600b/s configuration).

5.2. To clear the call

- 1 Switch off the modem