

## 1. PURPOSE

To use the **STEP7** programming software remotely along with the **Teleservice** module 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. 9-pin female SubD	Modem 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 19200 b/s and frame at 8 bits - parity ODD - 1 STOP (801).
- 2 Connect the modem to the PC with the 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 Disconnect the modem from the PC, it is now ready to be installed on the PLC.

*\* refer to user guide at configuration section*

## **4.2. Configuring the modem for use with the PC**

Same as § 4.1.

## **4.3. Connecting the modem to the PLC**

- 1 Connect the SIEMENS TS ADAPTER (configured as follows : 8 bits - ODD - 1 STOP - 19 200b/s) to the MPI connector on the S7-300.
- 2 Connect the 9-pin connector on the TS ADAPTER to the modem with a normal DTE to DCE (pin1 to pin1, pin2 to pin2, ..., pin9 to pin9) CAB-01 cable.
- 3 Connect the modem to the telephone line and to the power adapter.

# **5. USE**

## **5.1. To call**

- 1 Open the TELESERVICE software.
- 2 Dial the number to be called and enter the disconnection sequence ... ATH).
- 3 Click the CONNECTION button for the modem to call. The LINE led switches on.

## **5.2. To work**

- 1 Open the STEP 7 application and work.

## **5.3. To clear the call**

- 1 Close the STEP 7 application.
- 2 Click the DISCONNECTION button for the modem to clear the line. The LINE led switches off.