

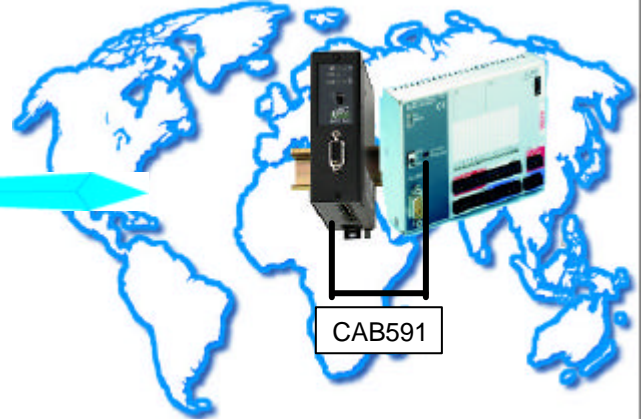
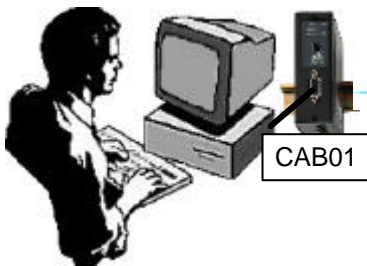
## 1. PURPOSE

To use the Winsps programming software remotely 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		CAB591	
P.C.	Modem	PLC	Modem
9-pin female SubD	9-pin male SubD	25-pin male SubD	9-pin male SubD
1	1 CD	2	3 Tx
2	2 Rx	3	2 Rx
3	3 Tx	7	5 SG
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 PAIR - 1 STOP (8E1).
- 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. The modem returns OK. \*
- 4 Enter AT+MS=11,1,4800,33600. The modem returns OK. \*
- 5 Enter AT&W1. The modem returns OK. \*
- 6 Enter AT&Y1. The modem returns OK. \*
- 7 Switch off the modem and disconnect it 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 modem to the PLC with the CAB591 cable.
- 2 Connect the modem to the telephone line and to the power adapter.

# **5. USE**

## **5.1. To call**

- 1 Open WINDOWS Terminal or Hyperterminal. Set data rate at 19200 b/s and frame at 8 bits - parity EVEN - 1 STOP (8E1).
- 2 Enter ATDtttt↵ (CR) (tttt = phone number).
- 3 When the LINE led switches on, close WINDOWS Terminal or Hyperterminal.
- 4 You can now open the programming software.

## **5.2. To clear the call**

- 1 Switch off the modem.