

## 1. PURPOSE

To use the PSS PG programming software through the switched telephone network : 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		CAB587	
P.C.	Modem	PLC	Modem
9-pin female SubD	9-pin male SubD	9-pin female SubD	Cable end
1	1 CD	7	7 B
2	2 Rx	8	
3	3 Tx	2	8 A
4	4 DTR	3	
5	5 SG	4	
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 19 200 b/s and frame at 8 bits – parity: EVEN - 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 to select factory profile Nr°1. The modem returns OK.
- 4 Enter AT+MS=9,0,9600,9600. The modem returns OK. \*
- 5 Enter AT&Y1. The modem returns OK. \*
- 6 Enter AT&W1. 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. Connecting the modem to the PLC

- 1 Connect the modem to the PLC's **PG** plug with the CAB587 cable.
- 2 Connect the modem to the power adapter and to the telephone cable.

## 5. USE

### 5.1. To call

- 1 Open WINDOWS Terminal or Hyperterminal, set data rate at 19 200 b/s and frame at 8 bits – parity: EVEN - 1 STOP (8E1).
- 2 Enter AT&F1 ↵ (CR) The modem returns OK.
- 3 Enter AT+MS=9,0,9600,9600 ↵. The modem returns OK. \*
- 4 Enter the dial command ATDtttt↵ (tttt = phone number).
- 5 When the LINE led switches on, close WINDOWS Terminal or Hyperterminal.
- 6 You can now open the programming software and work.

### 5.2. To clear the call

- 1 Switch off the modem.