

GsM 24e

Modem GSM / GPRS



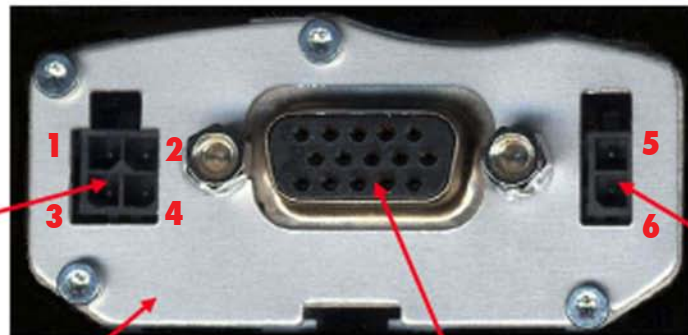
INSTRUCTIONS MANUAL

1. DESCRIPTION

The switching contact is activated by wiring input pin (E1, E2 or E3) with the ⊕ pin of the power supply.

**Connector
Micro-Fit 4-pins/M**

- 1: + V DC
- 2: GND
- 3: Input 1(E1)
- 4: output 1(S1)

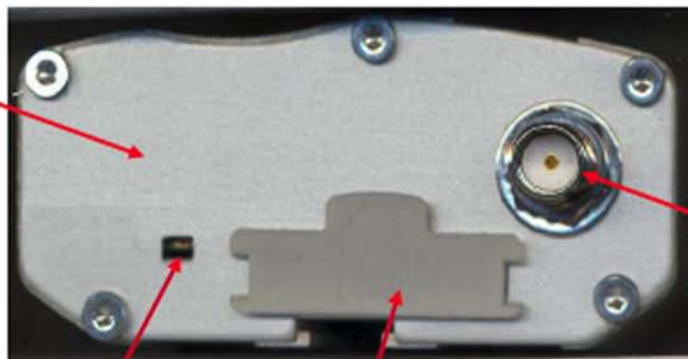


Front side

Connector
Sub HD 15-pins/F

**Connector
Micro-Fit 2pts/M**
5: Input 3 (E3)
6: Input 2 (E2)

Rear side



Connector SMA/F
(GSM antenna)

GSM LED

SIM card cover

Fixing bracket for
attaching to
a support



Fixing bracket for
attaching to
a support

2. STARTING THE MODEM

To install the Modem, it is recommended to perform the following operations with the Modem turned off:

- Remove the SIM card cover on the rear side
- **Please, check that PIN number has been DISABLED**
- Carefully insert the SIM card into its holder



Direction of insertion of the SIM card

- Verify that the SIM card is positioned correctly
- Connect the GSM antenna to the SMA connector
- Connect the power supply cable to the regulated dc source **5.5...32 V DC**
- Connect the power supply cable to the Modem
- Switch on the power supply (*the GSM LED will light up*).

3. GSM Indicator LED

The state of the Modem is indicated by the GSM LED located on the rear side of the Modem (see § 1). The table below shows the meaning of the different states of the GSM LED:

LED GSM		Modem status
Light ON	Stable	The MODEM is powered and ready to communicate, but it is still not recognized by the communication Network: the PIN code is not memorized or the antenna is not connected.
	Low flashing (each 2 seconds)	The MODEM is ready and operating
	Quick flashing (each second)	The MODEM is interconnected and communicating: vocal, Data or Fax.
Light OFF	OFF	The MODEM is powered off or in RESET sequence.

The configuration of the Modem could be done automatically or manually:

1st method: Automatic configuration through the software GSMSet with a PC

or

2nd method: Manual configuration: **only for advanced users.**

4. Automatic configuration using the software *GSMSet*



Do not switch on the power before ending the following routine:

- Install the software *GSMSet*
- Connect the serial cable to the PC
- Connect the serial cable to the MODEM
- Run the software *GSMSet*
- On the screen, choose the language,
- The corresponding COM port and
- Click on "**CONNECTION**" (*Connexion*)



Switch on the Modem by pressing the red push button on the main control unit

Follow the steps, through the PC:

- 1/ Run the AUTO CONFIGURATION (*only for the first connection*)
- 2/ Enter the phone number (or more than one) of operators
- 3/ Erase wrong numbers if any
- 4/ Enter an identification name of the system BAMOBOX (*code/ TAG/ Place etc.*)
- 5/ Enter the text that will be sent in case of an alarm, for each channel



- Click on "**DECONNEXION**" (*Disconnect*)