

Description

The F462 GSM actuator is a GSM terminal suitable for the remote management of all the heating systems, particularly if there is no fixed telephone line.

It is also possible to control two remote inputs and one remote output.

The communication is between a mobile phone and the GSM modem of the device, using an SMS message.

The F462 GSM actuator connected to a timer thermostat, item L/N/NT4450 enables, using appropriate SMS messages, to read the status of the timer thermostat (measured room temperature, program set, etc.), to change the set program, and change certain temperature control parameters; In alternative, it can be used with the timer thermostat, item HC/HD/HS/L/N/NT4451, with the ON-OFF function only.

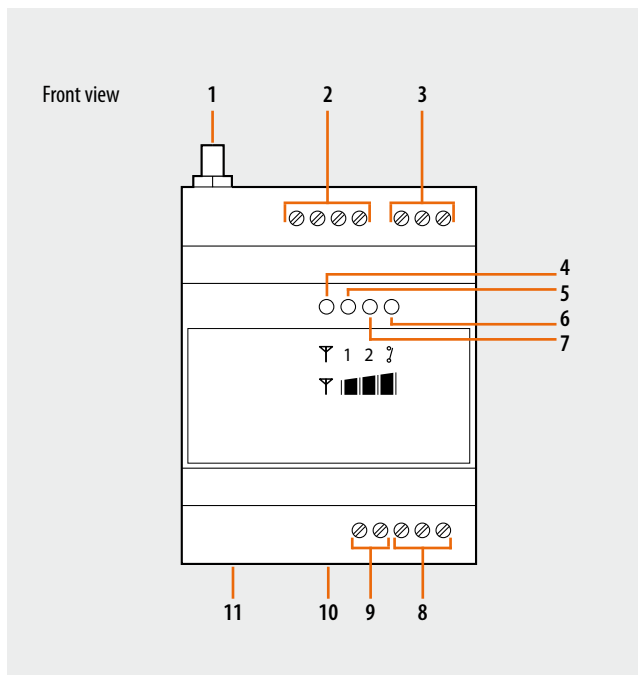
The device is capable of sending an SMS message to the telephone numbers saved inside the device itself, when an alarm situation caused by the closing/opening of the contacts occurs.

Technical data

Power supply:	10 – 20 Vac/Vdc
Absorption:	Idle 30mA 500mA MAX
Contact output:	4(2)A-250Vac
Contacts free from voltage	
Quad band:	E GSM850/900/1800/1900 MHz
Output power:	Class 4 (2W) for 850/900 MHz Class 1 (1W) for 1800/1900 MHz
Sensitivity:	107dBm@ 850/900MHz 106dBm@ 1800/1900MHz
Protection index:	IP40 (when correctly installed)

Dimensional data

4 DIN modules



Legend

1. Outdoor antenna connector
2. Alarm input connections
3. Relay or HC/HS/L/N/NT4451 timer thermostat output connections
4. Network status LED: OFF = Not powered
FLASHING QUICKLY = Searching for network
FLASHING SLOWLY = Standby
5. Input 1 (alarm 1) status LED, and field intensity notification
6. Relay status LED, and field intensity notification
7. Input 2 (alarm 2) status LED, and field intensity notification
8. L/N/NT4450 timer thermostat connections
9. Power supply input
10. Battery connector
11. SIM card housing (remove the bottom cover)

Configuration

The device configuration operations consist in defining the coded SMS messages following several criteria depending on the control to actuate remotely, or remote status information for the managed devices. As a coding example here is the message for the control of the timer thermostat (item L/N/ NT4450).

- #STATUS to know the status of the timer thermostat, the alarms and the relays
- #FROST to set the antifreeze program
- #ECONOMY to set the MANUAL program with temperature T1
- #COMFORT to set the MANUAL program with temperature T3
- #AUTO to set the AUTOMATIC program
- #RESUME to return to the program set on the timer thermostat.

For the full list of codes see the instruction manual supplied with the device

Wiring diagrams

