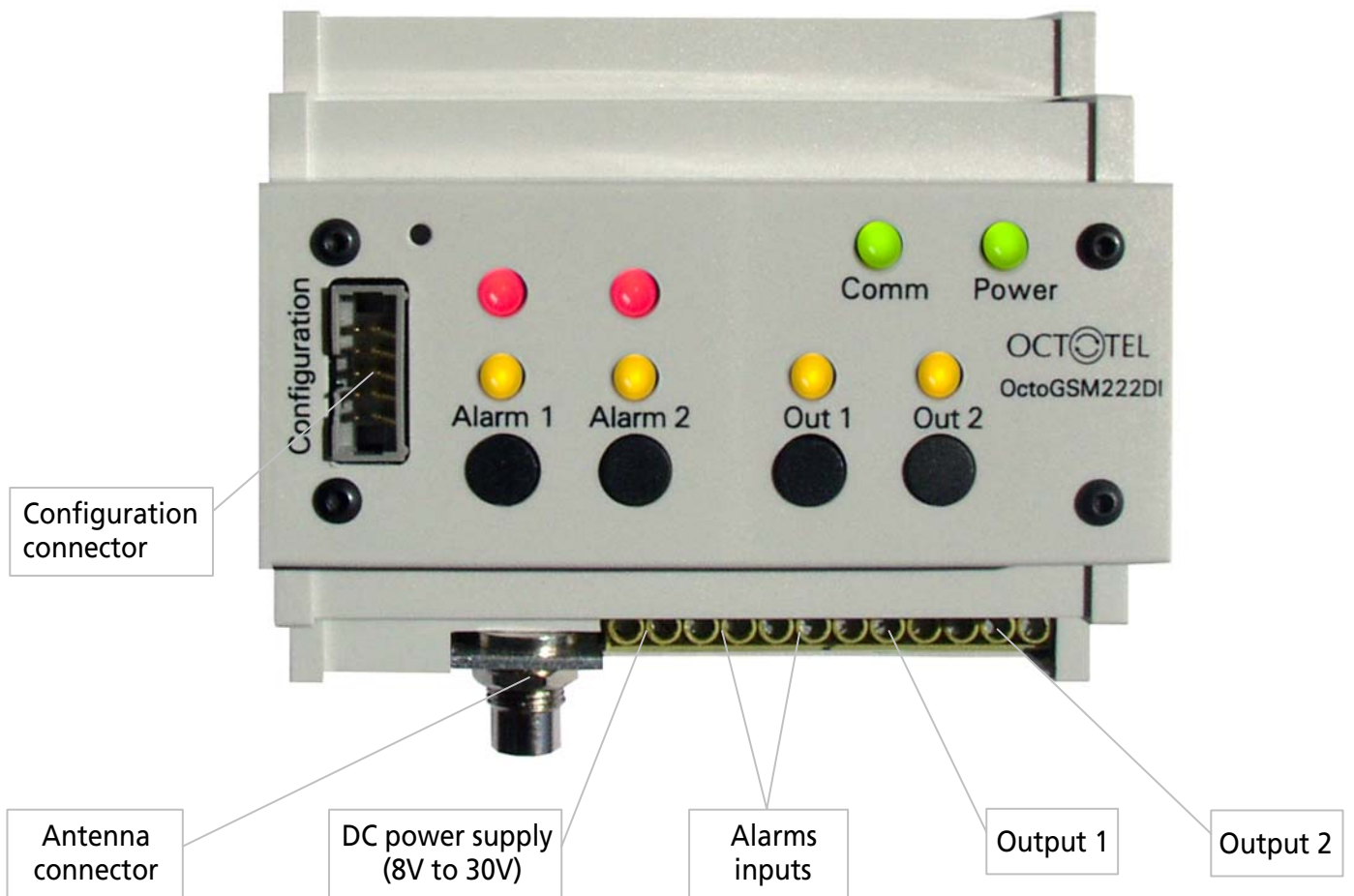


OCTOTEL

2 channels remote control
+
4 criterias alarm transmitter



User dialogue by SMS through
the integrated dual band GSM modem

Dimensions: 110mm x 90mm x 72mm
Designed for DIN rail and electric cabinet



General description

The OctoGSM 222DI is a unit able to control **2 relay outputs** and to manage **4 alarm criterias** by the use of SMS. The OctoGSM 222DI integrates a prepaid SIM card (Swisscom Easy card) avoiding the need of a monthly subscription. The OctoGSM 222DI is powered by an external 8V to 30V DC power supply. Every received SMS is acknowledged as long as the SMS is issued by a cellular phone (if the SMS is issued by a free internet SMS system, no acknowledge will occur). The 4 buttons of the OctoGSM 222DI can be programmed operating or not by sending a SMS. The OctoGSM 222DI status can be known at any time by sending a SMS. The OctoGSM 222DI keeps all the answer and alarm messages (to be sent to the user) as well as the parameters in a non-volatile memory.

Memory for 6 alarm destination numbers

The OctoGSM 222DI can manage up to 6 destination numbers for pre-recorded SMS. These destinations can be cellular phones as well as fax.

Each alarm SMS must be sent to at least 1 but maximum 6 of the 6 possible destination numbers.

The DC power supply

The OctoGSM 222DI is powered by a 8V to 30V DC power supply threw the connector.

The external alarm criterias

The OctoGSM 222DI manages **2 external voltage-free contacts criterias** which can :

- Be enabled or disabled by sending a SMS or by the ALARM buttons of the l'OctoGSM 222DI
- Act on the closing or opening of the voltage-free contact.

The multi lingual configuration software allows to delay one or both of the alarms.

The integrated alarm criterias

In addition of the **2 external alarm inputs** , the OctoGSM 222DI manages **2 internal alarm criterias** :

- 1° One **Low Units alarm** activated when the SIM Card (Swisscom Easy card) credit becomes lower than 100 units (10 SFr).
- 2° One **Attention alarm** is automatically sent every 6 months if no SMS has been sent or received during those 6 months by the Octogsm 222DI.

The outputs

The OctoGSM 222DI manages **2 commutating relays ouputs** which can be activated or deactivated by sending a SMS or by the OUT buttons of the OctoGSM 222DI.

Each ouput has :

- One common point
- One NC point which is connected to the common point when the ouput is non activated
- One NO point which is connected to the common point when the ouput is activated
- Two 350V over-voltage protections (1 between NC and common points, the other between NO and common points)

The outputs can also generate ON or OFF pulses (1s to 999s) but only by the use of SMS

The configuration software

The multi-lingual Windows based software for the OctoGSM 222DI allows you to read all the OctoGSM 222Di parameters, to modify them, to save them on your PC, to reload the saved parameters from your PC and to write those parameters into the OctoGSM 222DI.