OCTOTEL

2 channels remote control
+
6 criteria alarm transmitter

Configuration connector

Antenna connector

DC power supply (12V to 35V)

Alarm 1 input

Alarm 2 input
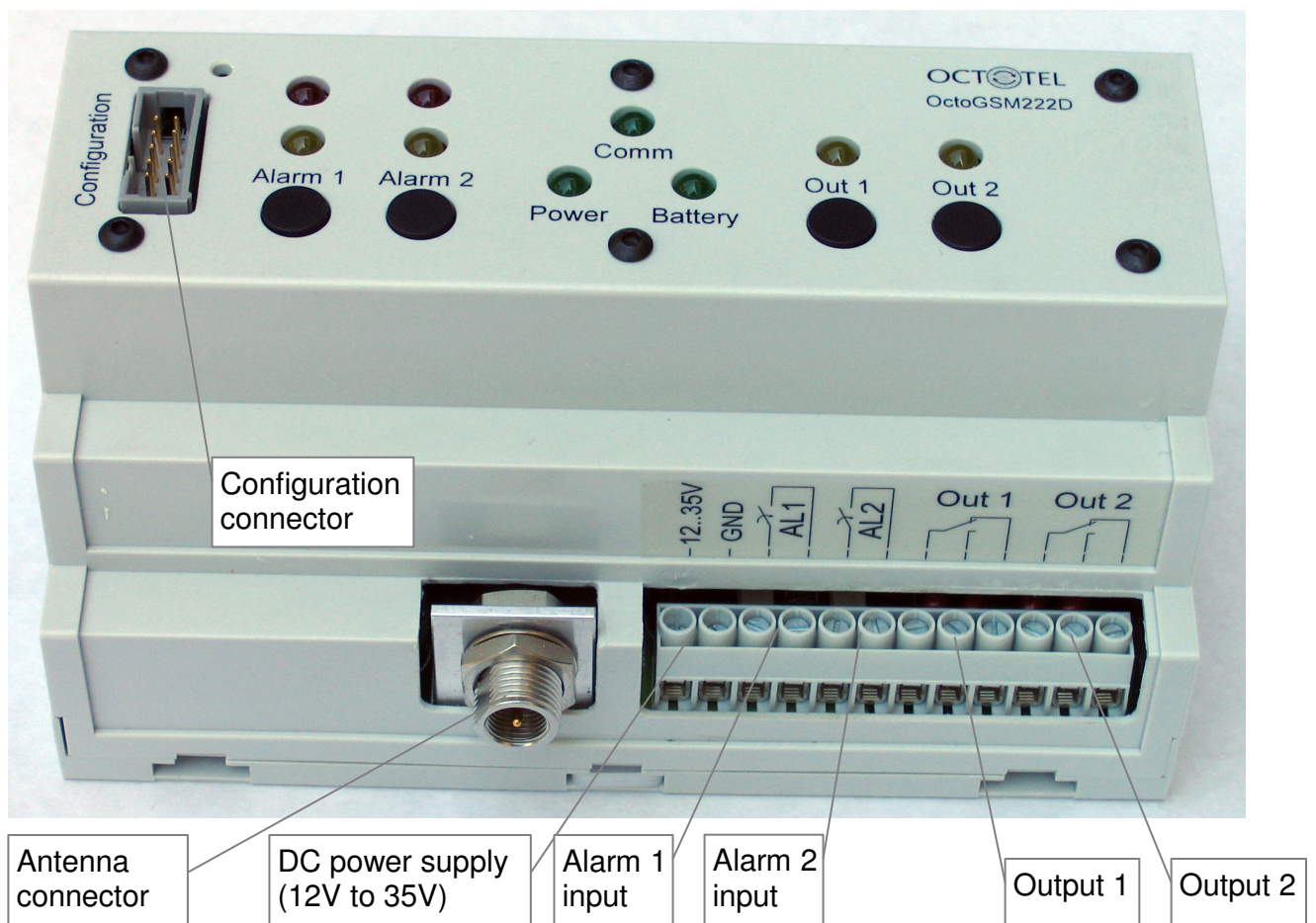
Output 1

Output 2

User dialogue by SMS through the integrated dual band GSM modem

Dimensions: 145mm x 90mm x 72mm
Designed for DIN rail and electric cabinet

OCTOTEL

General description

The OctoGSM 222D is a unit able to control **2 relay outputs** and to manage **4 alarm criteria** by the use of SMS.
The OctoGSM 222D integrates a prepaid SIM card (Swisscom Easy card) avoiding the need of a monthly subscription.
The OctoGSM 222D is powered by an external 12V to 30V DC power supply.
The OctoGSM 222D contains a 9V accumulator allowing the OctoGSM222D to run for at least 30 minutes, even if the power supply fails.
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 222D can be programmed operating or not by sending a SMS.
The OctoGSM 222D status can be known at any time by sending a SMS.
The OctoGSM 222D keeps all the answers and alarms 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 222D can manage up to 6 destination numbers for pre-recorded SMS. These destinations can be cellular phones as well as fax.
Each SMS alarm must be sent to at least 1 (but maximum 6) of the 6 possible destination numbers.

The DC power supply

The OctoGSM 222D is powered by an 12V to 30V DC power supply through the connector.

The external alarm criteria

The OctoGSM 222D manages **2 external voltage-free contacts criteria** which can:
➢ Be enabled or disabled by sending a SMS or by the ALARM buttons of the OctoGSM 222D
➢ Act on the closing or opening of the voltage-free contact.
The multi-lingual configuration software allows delaying one or both of the alarms.

The integrated alarm criteria

In addition of the 2 external alarm inputs, the OctoGSM 222D manages **4 internal alarm criteria**:
1° One **Power Fail** alarm activated when the external power supply fails.
2° One **Low Bat** alarm activated when the charge level of the internal accumulator is not high enaugh.
3° One **Low Units alarm** activated when the SIM Card (Swisscom Easy card) credit becomes lower than 100 units (10 SFr).
4° One **Attention alarm** is automatically sent every 6 months if no SMS has been sent or received during those 6 months by the Octogsm 222D.

The outputs

The OctoGSM 222D manages 2 **commutating relays outputs** which can be activated or deactivated by sending a SMS or by the OUT buttons of the OctoGSM 222D.
Each output has:
➢ One common point
➢ One NC point which is connected to the common point when the output is not activated
➢ One NO point which is connected to the common point when the output 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 222D allows you to read all the OctoGSM 222D 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 222D.