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SMS commands

Ontech GSM 9025 and 9035 communicates through SMS. Even if you use the app SMS are the source of communication.

Below contains a summary of different commands that are used.

All SMS starts with PASSWORD (four digits) followed by #. Multiple commands can be written after each other in the same SMS.

Text in sms-example	Explanation
0*R#	Turn relay R off (1<=R<=8)
1*R#	Turn relay R on (1<=R<=8)
1*R*T#	Turn relay R on and automatic off after time T (1 to 99 hours/minutes/seconds). The setting "unit for timer" is used.
2#	Shut thermostat off.
2*D#	Activate thermostat: set it to D (0-29) degrees.
7*A#	Turn alarm on/off (A=0/1).
8#	Send a status SMS as reply.
8*1#	Send a GPS SMS as reply.
8*2#	Send sMaster function setting SMS as reply.
8*3*#	Delete all stored numbers in the Garage Opener. The button must be pressed when the unit receives this command.
8*3*PP#	Ask for the number in position PP, where PP is 00-99.
8*3*PP*#	Delete the phone number in position PP, where PP is 00-99.
8*3*PP*NNNNNN#	Program number to position, where PP is position and NNNNNNN is the six last digits of a phone number.
8*8*PASS#	Set a new password (ABCD).
9#	Acknowledge alarms.

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Text in sms-example	Explanation
0*R#	Turn relay R off (1<=R<=8) and shut off thermostat
1*R#	Turn relay R on (1<=R<=8) and shut off thermostat.
20*R#	Shut thermostat off. R is relay number (1-8).
20*R*D#	Activate thermostat: set it to D (0-29) degrees.
8*9*ABC#	Check the pre-paid cards balance. ABC is the operator code (3 digits). Telia is 120, Tele2/ Comviq is 111, Telenor is 121 and Halebop 101.

Software version R34 status-SMS has a new format

Text i SMS – exempel	Förklaring
*Ontech 9035 – Ver 34	* Indicates that the alarm function is activated. Ver 34 is the software version.
Alarm:	This row appears only if there is an alarm unconfirmed.
1ab	Indicates the unit (in this example ID1) and the alarm inputs that has been activated (A and B).
1/IntTemp	Indicates that a temperature alarm has been activated by the internal temperature sensor. If the text is Exttemp instead, it is the external sensor that has triggered the alarm.
Inputs:	This row appears only if there is an active alarm sensor.
1a	Indicates the unit and alarm sensor input that still is active.
Units:	
1*/23/21 2/15/-- 3/21	Indicates which components there is in the system. ID1 is the main unit and will always appear. ID2 in this example is an extra Ontech Relay. 3/12 indicates an Ontech Alarmbox 9012 with ID3 is connected to the system and that its temperature is 21 degrees celcius. An * after the ID number indicates that the 230V outlet is turned on.
Thermostat:	
1/24	Thermostat, OFF= turned off. If it is activated a value 0-39 will be shown. This is the set thermostat temperature.

Software version R34 Master Function Setting-SMS has a new format

Text i SMS – exempel	Förklaring
*Ontech 9035 – Ver 34	* Indicates that the alarm function is activated. Ver 34 is the software version.
Radio channel: 0	Indicates set channel for the short- range radio.
Power fail: 1	Indicates the delay of the power fail alarm in minutes. Default is 1 minute.
GPS fence: OFF	Indicates that an GPS alarm is ON or OFF. Only available with the Ontech GSM 9025.
Sensor: OFF	Indicates that the 4-20 mA is activated on the alarm input. See reference manual.
Units:	
1/INT/<10/>30/30s/ON/NO	Indicates in order: ID 1/internal templement controls alarm and thermostat/ alarms at temperature below 10 degrees/alarm at temperature above 30 degrees/delay of alarm on input 30 seconds/autorelay function activated/Input set to normally Open.
2/EXT/<10/>30/	Indicates in order ID 2/internal templement controls alarm and thermostat/ alarms at temperature below 10 degrees/alarm at temperature above 30 degrees