

SMS Commands

SMS	Version	Comment
0*R#	(R34)	Turn relay R off (1<=R<=8) and disable thermostat for relay R. (R34)
0*R*T*U#	R40	Turn relay R off and automatic on after time T (1 to 99). U is unit, seconds=0, minutes=1, hours=2.
1*R#	(R34)	Turn relay R on and disable thermostat for relay R.(R34)
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.
1*R*T*U#	R40	Turn relay R on and automatic off after time T (1 to 99). U is unit, seconds=1, minutes=2, hours=3.
2#		Shut thermostat off
2*D#		Activate thermostat: set it to D (0-29) degrees
2*D*H#	(R34)	Activate thermostat: set it to D (0-29) degrees and use hysteresis H (1-9) degrees (see below for definition) Removed in R35. Not possible anymore to set hysteresis..
3#	R40	Shut air heat pump off.
3*D#	R40	Activate air pump and set it to D (16-32) degrees. Mode and fan is set to auto. If degree is 8, the air pump is set to "low mode" (not supported for all air pumps).
3*D*F*M#	R40	Activate air pump and set it to D (16-32) degrees. Fan (F) is AUTO=0, MIN=1, NORM=2, MAX=3. Mode (M) is is AUTO=0, COOL=1, HEAT=2, DRY=3.
7*A#		Turn alarm on(A=1) or off(A=0)
8#		Send a status SMS as reply
8*1#		Send a GPS SMS as reply
8*2#		Send settings SMS as reply.
8*3*#		Delete all stored numbers. 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 to 99.
8*3*PP*#		Delete the phone number in position PP, where PP is 00 to 99.
8*3*PP*NNNNNN#		Program number to position, where PP is position and NNNNNN is the six last digits of a phone number.

8*6*0txxxxx....		Program EEPROM settings. First byte must be 0, second is 'tab' (0-2).
8*7*tab#		Return the complete settings tab (0-2) in a SMS. This command is not used in the app, it is intended to be used for support cases.
8*8*ABCD#		Set a new password (ABCD).
8*9*ABC#	R34	Check saldo. Sends *ADC# and returns the saldo SMS.
9#		Acknowledge alarms
20*R#	R34	Shut thermostat off. R is relay number (1 to 8).
20*R*D#	R34	Activate thermostat: set it to D (0-39) degrees. R is relay number (1 to 8). NB. Thermostats can not change the relay more often than once every 10 minutes.

Definition av hysteres (only for R34)

H	Betyder	Relät slår på	Relät slår av
1	+/- 1 grader (default)	19 grader	21 grader
2	+/- 2 grad	18 grader	22 grader
3	+/- 3 grader	17 grader	23 grader
4	+/- 4 grader	16 grader	24 grader
etc.			
9	+/- 9 grader	10 grader	31 grader

New in R34

R34 has a new format for the status SMS:

*Ontech9035 - Ver 34

Alarm:

1/IntTemp

2b

Inputs:

2b

Units:

1/25.9/--

2/24.3/--

5*/21.8/19.8

7*/24.7/--

8/19.7/--

Thermostat:

2/23

And a new format for the settings SMS:

*Ontech9035 - Ver 34

Radio channel: 1

Power fail: 1

GPS fence: OFF

Sensor: ON

Units:

1/INT/<10/0s/OFF/NO

5/EXT/<5/>25/0s

8/INT/-/0s

GPS Alarm format:

*Ontech9025 - Ver 34
GPS Alarm!!
57d38.416N
011d57.456E
Speed:10knots
Dir:145
Time:21:42:00
Date:2014-10-02