

How to use SMS-temp

Basic functions and settings

1. Start by opening the case (4 screws)
2. Inactivate the PIN code of your SIM card. Insert the SIM card in the holder in the SMS-temp
3. Move the programming jumper so that it spans the two pins marked ACKU
4. Assemble the case again.
5. Connect the antenna to the antenna connector.
6. Connect the power supply.

Check that the indicator lamp next to the antenna connector flashes (.. ..), Flashings indicate that the SMS-temp has established contact with the GSM net.

All programming of the SMS-temp is done from a GSM phone via SMS. (All acknowledgements and replies are sent to the programmed first (primary) phone number, f.ex. Yours).

Programming the first receiving phone number:

Type the following SMS on your cellular phone and send it to the SMS-temp.

15::1:Sxxxxxxxxxx;

15:: will perform a factory reset. This reset MUST be performed before any other command is issued.

xxxxxxxxxx denotes the first phone number that the SMS temp should send alarms to. (f ex Your phone number).

The SMS temp should reply 1:OK .

To program further phone numbers, send the following commands to SMS-temp:

2:Syyyyyyyyyyy;

yyyyyyyyyyy denotes the second(ary) phone number that SMS-temp can send alarms and messages to.

SMS-temp replies 2:OK;

3:Szzzzzzzzzz;

4:Saaaaaaaaa;

5:Sbbbbbbbbb;

SMS-temp can handle a maximum of five numbers.

Set temperature alarm levels:

Send the following command lines to the SMS-temp from your GSM phone:

14:<xx; Alarm will be sent when the temperature is lower than xx°C

SMS-temp reply 14:OK;

14:>yy; Alarm will be sent when the temperature is above yy°C
SMS-temp reply: 14:OK;

Temperature alarm levels can be set to values between -25°C and +100°C.

To find out current temperature send: 17:?
The reply from the SMS-temp will be 17:xx;. where xx is the requested temperature.

NOTE! All acknowledgements and replies will be sent to the primary (no 1 in the list) phone number.

Acknowledging alarms:

If you (primary phone number) fail to acknowledge an alarm, it will, after four minutes, be sent to number two in the list, and so on.

To acknowledge alarms you either:

- 1: send an SMS to the SMS-temp: R;. SMS- reply E9:EVENT RESET; or
- 2: call the SMS-temp from which the alarm came. You will hear the “engaged signal” signifying that the alarm has been acknowledged. No alarm messages will be sent to other numbers in the list.

Digital input alarm:

”Digin” is a digital input for potential free switches and relay contacts. The input can be programmed to accept a NO (default setting) or NC switch.

Available Alarms

- Mains power failure
- Mains power connected
- Temperature level crossed
- Digin status change
- 10 messages left in the SIM card

How to activate these alarms is described in the Command List and in “Set temperature alarm levels” above.

Get started!

A quick set-up should follow these lines:

1. Write the number to your GSM phone here: _____
2. Write the number of your house phone here: _____
3. Write further number if any, here: _____
4. Send the following SMS to the SMS-temp : 15::1:S<SMS no>;2:V<house no>;
For example: 15::1:S123456789;2:V123456789;

The SMS-temp is now ready to be put to use!

Command List

All responses to commands are sent as SMS to phone number one. All settings are by default acknowledged. Acknowledgement syntax is: <command no>:OK;

Acknowledgements may be turned off.

Multiple commands, but not exceeding 78 characters, may be sent in the same SMS message. They must only be separated by a ';' (semicolon).

Incorrect commands will be returned to phone no 1 preceded by a '!'.

Please see also the "SMS manual" for further commands.

Name	Syntax	Syntax explanation	Examples	Reply from SMS-temp [®]
Enter user no. 1	1:<T><no.>{:e};	Where T = V for phone S for SMS M for MiniCall and no. = phone number in ASCII, max 15 chars e = Optional. Select events for alarms	Phone number and activation of all alarms. 1:S123456789; Phone number and de-activation of all alarms: 1:S123456789;; Phone number and activation of alarm events 1 and 3. 1:S123456789:13;	1:OK;
Enter user no. 2	2:<T><no.>;	See command 1	See command 1	2:OK;
Enter user no. 3	3:<T><no.>;	See command 1	See command 1	3:OK;
Enter user no. 4	4:<T><no.>;	See command 1	See command 1	4:OK;
Enter user no. 5	5:<T><no.>;	See command 1	See command 1	5:OK;

Name	Syntax	Syntax explanation	Examples	Reply from SMS-temp [®]
Digital output	12:<n>;	Where n = 1 is closed 0 is open	12:1;	12:OK;
Enter temp alarm level	14:<n><temp>;	Where n = > for higher than, < for lower than. temp = -25 to +100°C	14:<1;	14:OK;
Enter SMSTEMP [®] phone number	16:<no.>;	Where no. = phone number	16:123456789;	16:OK;
Fetch current temp.	17:?;		17:?;	17:<temp>; Where temp = -18 till +22°C
Activate service mode	S;		S;	E7;ENTERED SERVICE;
Leave service mode	L;		L;	E8;LEFT SERVICE;