

SMS 40

- ① SE Installatörshansbok Kommunikationsmodul
- ① GB Installer manual Communications module
- ① DE Installateurhandbuch Kommunikationsmodul
- ① FI Asentajan käsikirja Tiedonsiirtomoduuli

English, Installer manual - SMS 40

General

With SMS 40 you can control and monitor your Nibe heat pump using a mobile telephone via SMS messaging. For this to work, SMS 40 must be equipped with a valid GSM subscription.

There is no special GSM subscription requirement. A pay as you go card or a normal subscription work equally well. However a pay as you go card must be regularly refilled to ensure continued use.

Contents

1 x	Unit box
1 x	Antenna (2,5 m)
1 x	Wall bracket



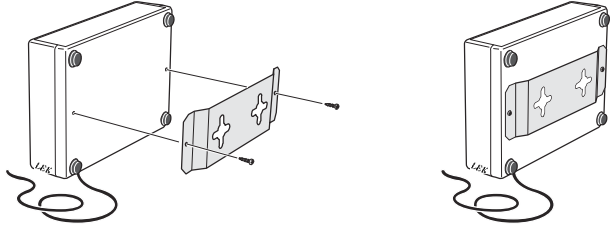
NOTE

Check that SMSs can be sent with the SIM card to be used.

Deactivate if necessary. PIN for SIM card. This can be done in a mobile telephone or by your service provider.

Mounting

SMS 40 can be positioned lying on a flat surface or wall-mounted. Where SMS 40 is wall-mounted, use the supplied wall bracket.



NOTE

When wall mounting, the hole for the antenna cable must be pointing downwards to prevent water from entering SMS 40.

SMS 40 is supplied with a factory installed antenna. The antenna section has a piece of self-adhesive tape that can be used to secure the antenna, for example to a window if coverage in the installation location is poor.

Electrical connection

NOTE
 All electrical connections must be carried out by an authorised electrician.
 Electrical installation and wiring must be carried out in accordance with the stipulations in force.
 F1145/F1245 must not be powered when installing SMS 40.

The wiring diagram is at the end of these installation instructions.

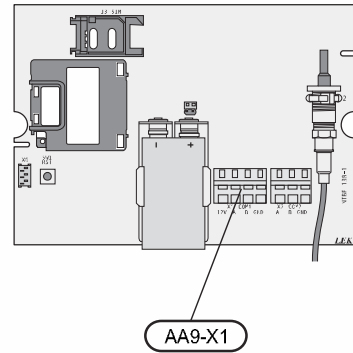
Connecting communication

Terminal block X1 on the SMS card (AA9) in SMS 40 is connected to terminal block X4:9-12 on the input card (AA3) in the heat pump.

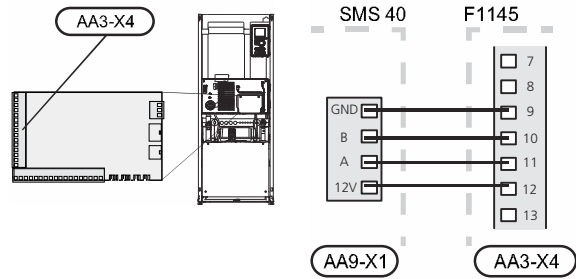
Use cable type LiYY, EKKX or similar.

NOTE
 If there is a RMU 40 in the installation it should be connected to terminal X1 on the SMS card (AA9).

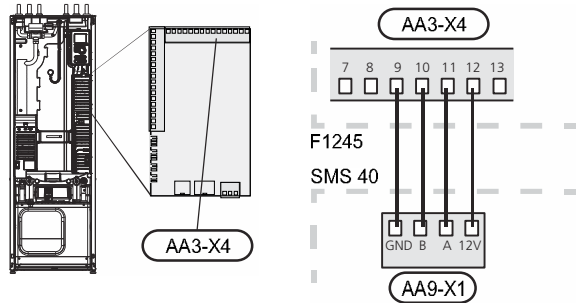
SMS 40



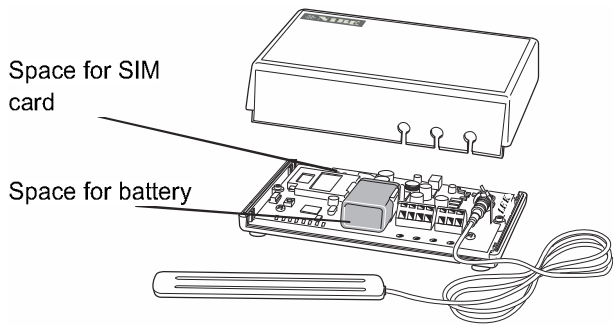
F1145



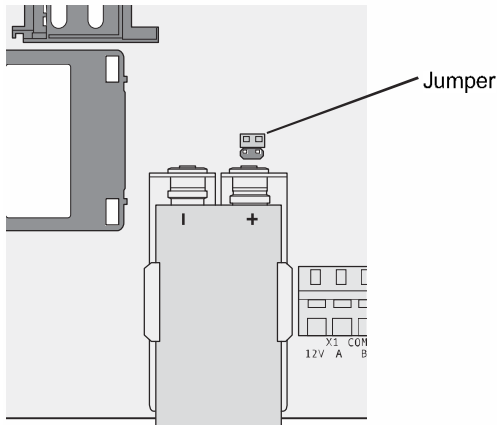
F1245



Settings



1. Insert the SIM card in SMS 40. If you want SMS 40 to send SMSs in the event of a power cut, carry out the following:
2. Install a 9V battery on the circuit board in SMS 40.
3. Position the jumper according to the image below.



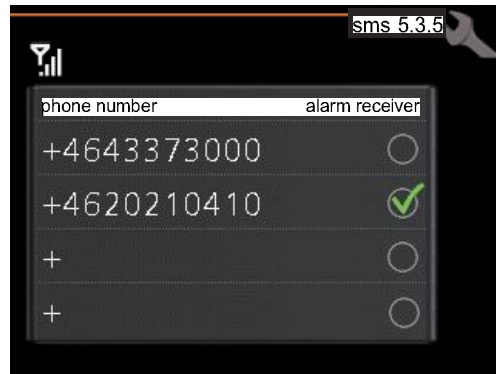
Caution

The pin code must be deactivated and if it is pay as you go there must be credits on the card.

Quick start guide

Program setting of SMS 40 can be performed via the start guide or directly in the menu system.

1. Start the heat pump and select SMS 40 in menu "System settings" (5.2).
2. Go to menu 5.3.5 in your heat pump and add the mobile numbers that are to have access to change and receive status information from the heat pump. Mobile numbers must include country code e.g. +46XXXXXXXX.
3. If you want to receive an SMS message in the event of the alarm mark the box to the right of the telephone number.



NOTE

Telephone numbers provided must be able to receive SMS messages.

Contact with SMS 40

SMS commands F1145/F1245

SMS 40 sends an SMS in the event of a power cut, when F1145/F1245 starts after a power cut and in the event of a constant alarm.

SMS 40 can receive and send the following commands to F1145/F1245:

Command	Answer	Description
?status	opmode: auto/add. heat only	Operating status
	reg1: -10-+10	Temperature (Heating curve offset)
	reg2: -10-+10	Temperature (Heating curve offset), climate system 2*
	reg3: -10-+10	Temperature (Heating curve offset), climate system 3*
	reg4: -10-+10	Temperature (Heating curve offset), climate system 4*
	tluxhw: on/off	Temporary lux (hot water)
	vent: 0/1/2/3/4	Fan speed. 0 = normal fan speed*
	vacat: on/off	Holiday setting
?komp	status: on/off	Compressor status
	number of starts: nn	Number of compressor starts
	total operating time: nn	Total run time compressor and immersion heater?
	- of which hot water: nn	Total run time hot water
?temp	flow nn	Supply temperature
	return nn	Return temp
	outd nn	Outdoor temperature
	indoor nn	Indoor temperature. If the room temperature sensor is not installed/activated, the following appears -
	calcf nn	Calculated flow line temperature
	DM nn	Degree minutes
	Bin nn	Incoming brine temperature
	Bout nn	Outgoing brine temperature
	hw nn	Hot water temp.

*Accessories needed.

Command	Parameter	Answer	Description
!opmode	0/1	?status	Change operating mode Auto/add. heat only
!tluxhw	0/3/6/12	?status	Temporary lux, hot water. 0/3/6/12 hours.
!reg1	-10-+10	?status	Temperature (Heating curve offset)
!reg2	-10-+10	?status	Temperature (Heating curve offset), climate system 2*
!reg3	-10-+10	?status	Temperature (Heating curve offset), climate system 3*
!reg4	-10-+10	?status	Temperature (Heating curve offset), climate system 4*
!vacat	1/0	?status	activating/deactivating holiday settings
!alarm			Resets alarm
!vent	0/1/2/3/4		Changed fan speed. 0=normal fan speed*

Example

To check the selected operating mode, the following SMS message is sent: ?status

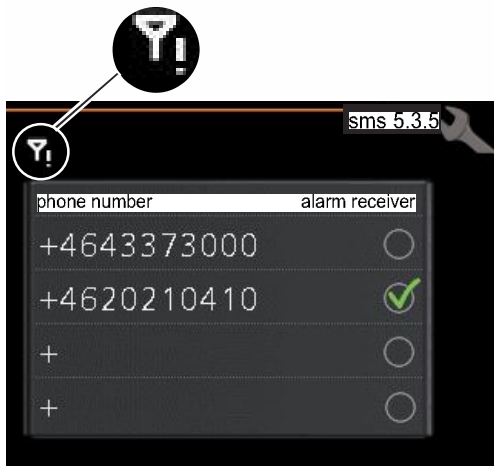
To activate "Temporary lux, hot water" for 12 hours, the following SMS message is sent: tluxhw 12

*Accessories needed.

Troubleshooting

SMS 40 has no contact with the GSM network

SMS 40 does not reply to the SMS command and a warning symbol appears in heat pump menu 5.3.5.



- Check that the SIM card is correctly installed.
- Move the antenna to a better location.
- Check that the PIN has been deactivated.

SMS 40 has no contact with F1145/F1245

- Alarm in F1145/F1245's display.
 - See section Disturbances in comfort in the manual for F1145/F1245.
- Incorrectly connected cables between SMS 40 and heat pump.

No reply to the SMS message

- The telephone number is not registered in heat pump menu 5.3.5.

Technical data

Technical specifications



Rated voltage		12 VDC 45-80 mA
GSM	(MHz)	850/900/1800/1900
Part No.		067 073