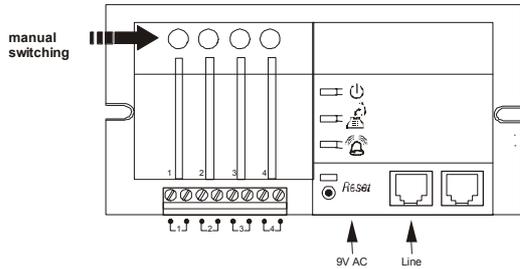


Operating Instructions for the Telephone Remote Switch TFS



The Telephone Remote Switch is capable of remotely controlling heating regulators or room thermostats which have an appropriate entry port. The devices switch from reduced mode (J) to heating mode (*), as soon as the respective terminals detect a short circuit (see heating regulator's instructions).

1. Connection

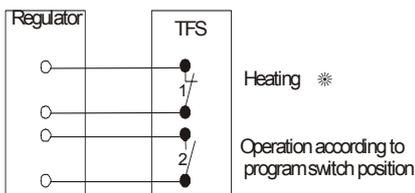
⚠ All devices which are connected to the telephone network must be in accordance with the respective prevailing national regulations.

Contents

- Telephone Remote Switch TFS
 - Power plug
 - Connecting cable
1. Install the TFS on a wall close to the telephone jack
 2. Connect the "Line" slot on the TFS with the slot for additional devices on your telephone jack. For this use the enclosed connecting cable and the appropriate adapter plug.
 3. Connect the exit terminals (1 to 4) with the appropriate terminals on your heating regulator/thermostat.

1.1 Regulator-/Thermostat connection

To connect the regulator or thermostat please follow the respective operating instructions.



2. Switching by telephone

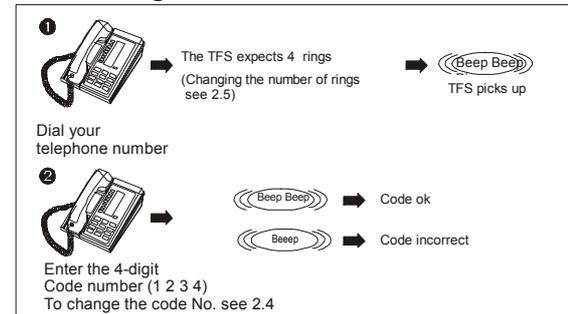
It is possible to switch the status of the exit relay (and thus the type of operation at the connected regulator/thermostat) either by telephone or by pressing the key "manual switching" on the TFS.

In both cases, an LED below the key shows that the TFS is in the "heating" mode (the relay contact is closed).

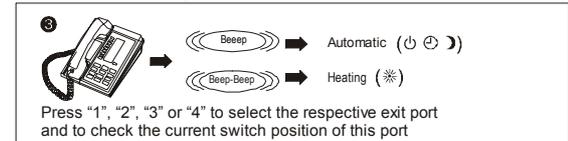
Default setting is that the TFS accepts a call after 4 rings and expects the access code "1234". These settings can be altered, see 2.4 and 2.5.

👉 Please note that the TFS breaks off the telephone connection automatically after 30 sec. if no entries are made in this time.

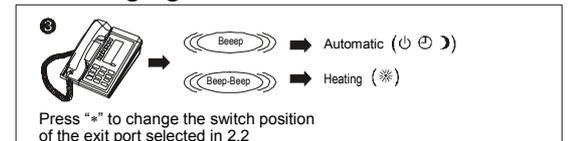
2.1 Entering the access code



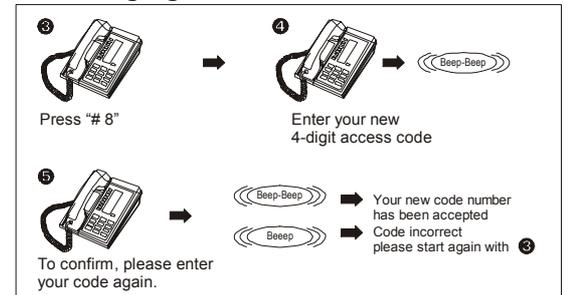
2.2 Status request [1], [2], [3] or [4]



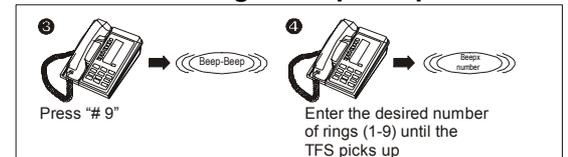
2.3 Changing the status *



2.4 Changing the access code [#][8]

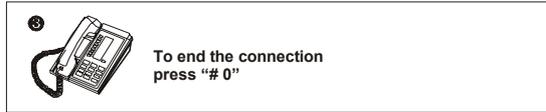


2.5 Number of rings until pick-up [#][9]



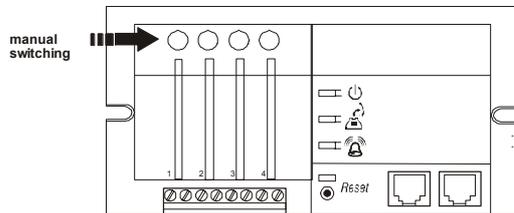
2.6 Completion

To complete programming press . You can also simply hang up. The TFS will automatically break off the connection after 30 sec..



3. Manual switching

The switch position of the relay, and thus the type of operation of the connected regulator/thermostat, can be changed manually by pressing the key "manual switching". This is not possible as long as there is a telephone connection.



4. Loading default values

By pressing the reset key (e.g. with a paper clip) it is possible to return the TFS to the factory settings. The control light blinks three times to show that the TFS was loaded with the following default values:

- 1) Number of rings: 4
- 2) Access code: 1234
- 3) Relay contacts: open

5. Operation with an answering machine

If you use the TFS together with an answering machine, please proceed as follows to establish a connection to the TFS.

1. Make sure the TFS is without power, otherwise the alteration will not be effective.
2. Put the switch on the back of the TFS into the "on" position.
3. Make sure that the number of rings to pick up the line is higher for the TFS than for your answering machine.
4. Dial your telephone number and hang up after the first ring.
5. Wait 10 sec. (max. 30 sec.) and call again.
6. If the call back takes place within max. 30 sec. the TFS will pick up after the first ring.

6. Display

The TFS has 8 display LEDs for diagnosing the system.



Power on.



Blinks by incoming call.



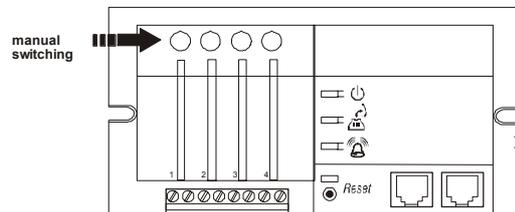
TFS is occupying the telephone line.

Reset

Blinks three times after successful reset

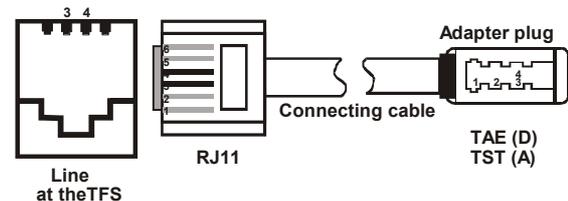
Manual switching:

Displays the switch position, lights up when the regulator is in heating operation (contact closed).



7. Telephone connection

The TFS has two 6-pole RJ11 (Western) telephone slots. However, for the connection of the TFS only the slot marked "Line" is needed. This slot is connected to the slot for additional devices on the telephone jack by means of the enclosed connecting cable and the adapter plug. Please make sure that your telephone jack has a slot for additional devices (Germany NFN code), so that you can use your telephone and the TFS at one jack.



8. Technical details

Power supply: Power plug 9V~, 0,2A

Switching power: 10(5) A, 30V

Protection class III (low voltage protection)