Start the programming

Press any bell button (you will hear a tone) and hold it for approx. 5 seconds until a second signal tone can be heard.

Within 3 minutes:
Pick up the handset of one of the internal telephones

Dial the internal number of the TFS-Dialog 200 – the connection is established.

Execute the programming

First programming or after a programming break of more than 3 minutes

Dial star.

Short tone.

Input PIN and close with star

Wait for the end of the tones (six tones).

Dial the programming code of the desired function.

Wait for the end of the acknowledgement tone

Additional programming

Dial star.

Wait for the end of the acknowledgement tone

Dial the programming code of the desired function.

Wait for the end of the acknowledgement tone

☞ *Hint*

You can make more than one programming one after the other without putting the handset back. Exceptions are described. Correct input will lead the acknowledgement tone (six tones). Wrong input will give an occupied signal for 1-2 seconds. Start again with star (*).

For protection please set a PIN.

At subsequent programming the PIN must not be entered again.

The programming mode ends 3 minutes after the last programming or when a bell button is pressed.

Allocation of numbers to the bell buttons 1 -4 (default: 31 – 34)

✳	🔒	✳	2	[1 ... 4]	👆	📞

Only necessary once – see above on the first page | | | | **Dial number 1 -4 of the bell button** | **Set the target number** | **Hang up – for more programming take off the handset and dial the internal number of the TFS-Dialog 200**

Allocation of switching frequencies to the bell buttons 1 -4 (default: 1 – 4)

✳	🔒	✳	3	[1 ... 4]	[1 ... 4]

Only necessary once – see above on the first page | | | | **Dial number 1 -4 of the bell button** | **Dial number 1 -4 for the switching frequency**

Allocation of additional door bells to the bell buttons 1 -4 (default: 1, 2, 0, 0)

✳	🔒	✳	4	[1 ... 4]	[0 ... 2]

Only necessary once – see above on the first page | | | | **Dial number 1 -4 of the bell button** | **Dial number 1 or 2 of the additional bell (0 = none)**

Setting of the switching time for lighting (default: 0,5 sec.)

✳	🔒	✳	5	5	[1 ... 9]

Only necessary once – see above on the first page | | | | | **Set time between (1 x 0,5 =) 0,5 sec. and (9 x 0,5=) 4,5 sec.**

Switching on the light during a door call (default number: 8)

✳	🔒	✳	2	5	👆	#

Only necessary once – see above on the first page | | | | | **Any series of digits possible (1-6 digits)**

Will be activated from the phone by dialling # + above set digits

Setting the time for the door opener (default: 2 sec.)

☒ ☐ *Only necessary once – see above on the first page* ☒ 5 6 ┌─1─┐ … └─9─┘

Set time between (1 x 0,5 =) 0,5 sec. and (9 x 0,5=) 4,5 sec.

Opening the door during the call (default number: 9)

☒ ☐ *Only necessary once – see above on the first page* ☒ 2 6 👆 #

Any series of digits possible (1-6 digits)

Will be activated from the phone by dialling # + digits

Setting of the input sensitivity (default:1)

☒ ☐ *Only necessary once – see above on the first page* ☒ 5 0 ┌─0─┐ … └─9─┘

Set the input sensitivity between low (1) and high (9)

Seeting the environment sound level (default number: silent)

☒ ☐ *Only necessary once – see above on the first page* ☒ 5 8 ┌─0─┐ … └─1─┘

Set silent (0) or loud (1)

Setting the volume of the loudspeaker (default: 6)

☒ ☐ *Only necessary once – see above on the first page* ☒ 5 7 ┌─0─┐ … └─9─┘

Set the volume between low (0) and high (9).

Reset to factory settings

| ✱ | | ✱ | 9 1 | |

Only necessary once – see above on the first page

Hang up – before new configuration the programming has to be started new.

Change of the PIN (default: 0000)

| ✱ | | ✱ | 2 9 | | # | | # |

Only necessary once – see above on the first page

Type in new PIN (1-6 digits) two times and end it with # each time
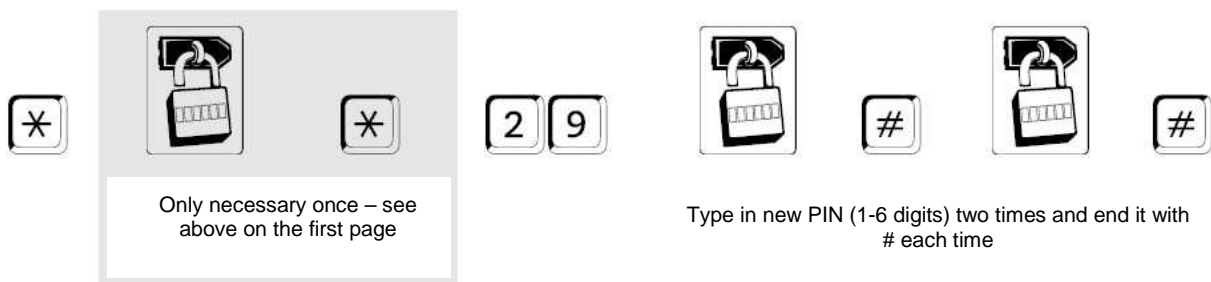
A short intro to: a/b Switching Modules

It has six switching frequencies: No. 1 - 4 are related to bell buttons on the TFS-Dialog 200 with free allocation. The other two can be used for door opening (No. 6) and light (No. 5) controlled by the telephone which is doing the door call by dialling of certain numbers.

Please observe: the a/b switching modules are not made for 230 V!! For this you would have to use a matching relay in between. The switching lasts for 1 to 4,5 seconds - if you need a longer time (e.g. stairscase lighting) you will need a time relay. For some installations with high internal resistance (e.g. staircase lighting) the included resistor has to connected parallel (see picture page 24 - top right corner).

You can set the switching frequencies like this:
* PIN * 3 (number of button 1 - 4) (number of frequency 1 - 4)
Example: *0000*312 (button 1 (the top button) activates switching frequency 2)

How to start the programming see above.

Door opening is: * PIN * 56 (time 1 = 0,5 sec. - 9 = 4,5 sec.)
example: *0000*564 (for 2 sec. of door opener)
 ... and you will have to switch the module itself to "5" with the DIP switch.

# Expansion of the installation with a/b switching modules

Basic parts a/b switching module

1 Connection for the device that should be switched
2 Connection to the two-wire line parallel to the TFS-Dialog 200 and the internal analog port.
3 DIL switch

The TFS-Dialog 200 can be expanded with the optional a/b switching modules to get more switching functions (e.g. switching of additional door bells, a second door opener or a stairway lighting) not having to install additional lines to the TFS-Dialog 200.

An a/b switching module switches on the connected device only when a signal in a certain frequency has been sent via the line. In total up to six different switching frequencies are available which can be controlled by using the integrated DIL switch.

Switching frequency 1

Switching frequency 2

Switching frequency 3

Switching frequency 4

Switching frequency 5

Switching frequency 6
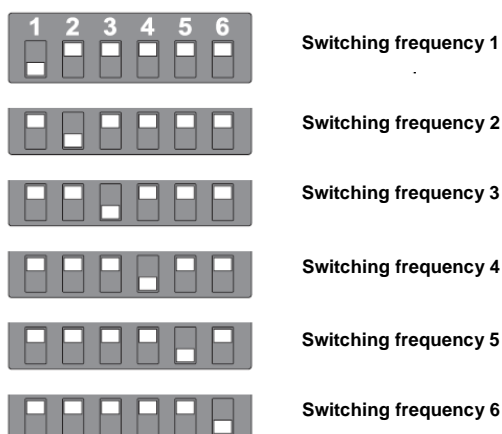
Four switching frequencies (frequency 1 to 4) are meant for the door bells 1 to 4 and can be allocated to these buttons freely.

Two additional switching frequencies can be used for door opening (frequency 6) or

for lighting control (frequency 5).

The control of both functions (door opener and light) is done with the telephone which has the door call at that time and is executed by dialling a certain sequence of digits.

Only the lighting control can be executed additionally by one or all bell buttons.

⚠ **NOTE!**
The a/b switching modules are not made for the direct connection of 230 V mains!

- For the switching of 230 V devices an additional relay circuit has to be used.

☞ **IMPORTANT!**
The a/b switching can hold the switching mode only for 1 to 4,5 seconds!

- If longer times are necessary please use a time relay like a staircase light controller.

☝ **IMPORTANT!**
The a/b switching modules need for a smooth operation a very low standby current. When connecting an electronic door bell or a staircase light controller with a high internal resistance that modules may not work correctly.

- *For this case every a/b switching module comes with an additional resistor which can be connected to the electronic door bell or a staircase light controller to guarantee a minimal standby current for the feeding of the module..*

☞ **HINT!**

Alternatively to the door bell buttons you can use the switching frequencies 1 to 4 during a door call (e.g. for the switching of a second staircase light controller).The control is done with the telephone which has the door call at that time and is executed by dialling a certain sequence of digits.

How to connect this:

1. Connect the a/b switching modules with the clamps named **a** and **b** to the line between the TFS-Dialog 200 and the internal analog port.

2. Connect the device which should be switched and the power supply to the other two clamps.

Control of additional door bells with a/b switching modules
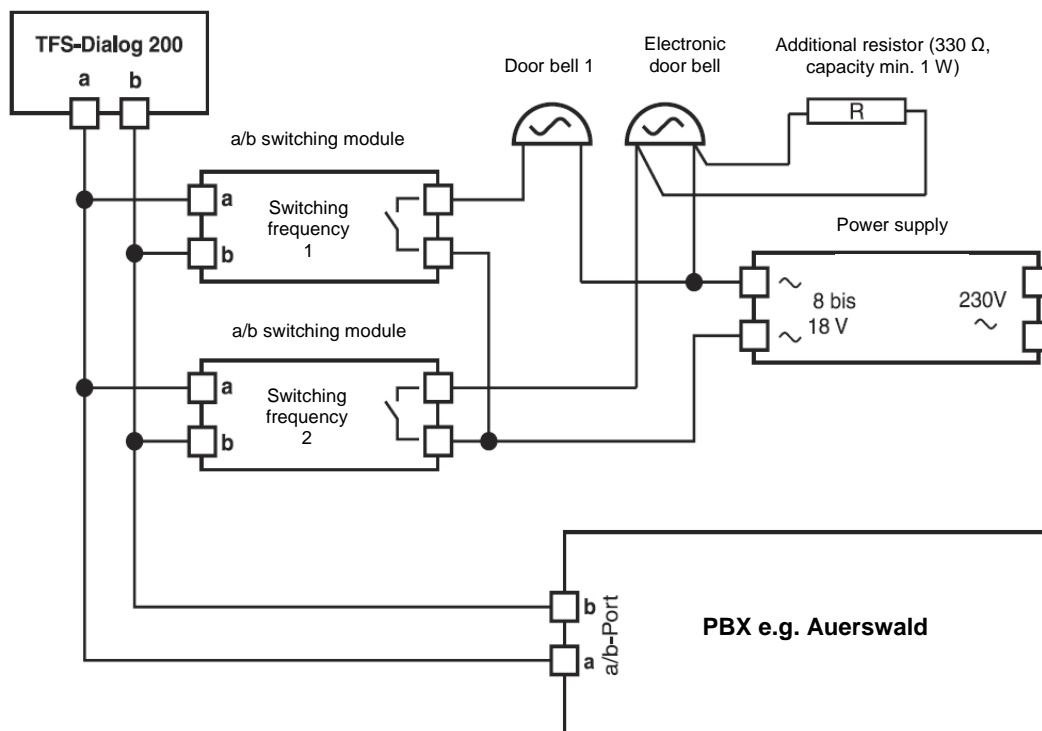
Control of door openers and staircase lighting with a/b switching modules
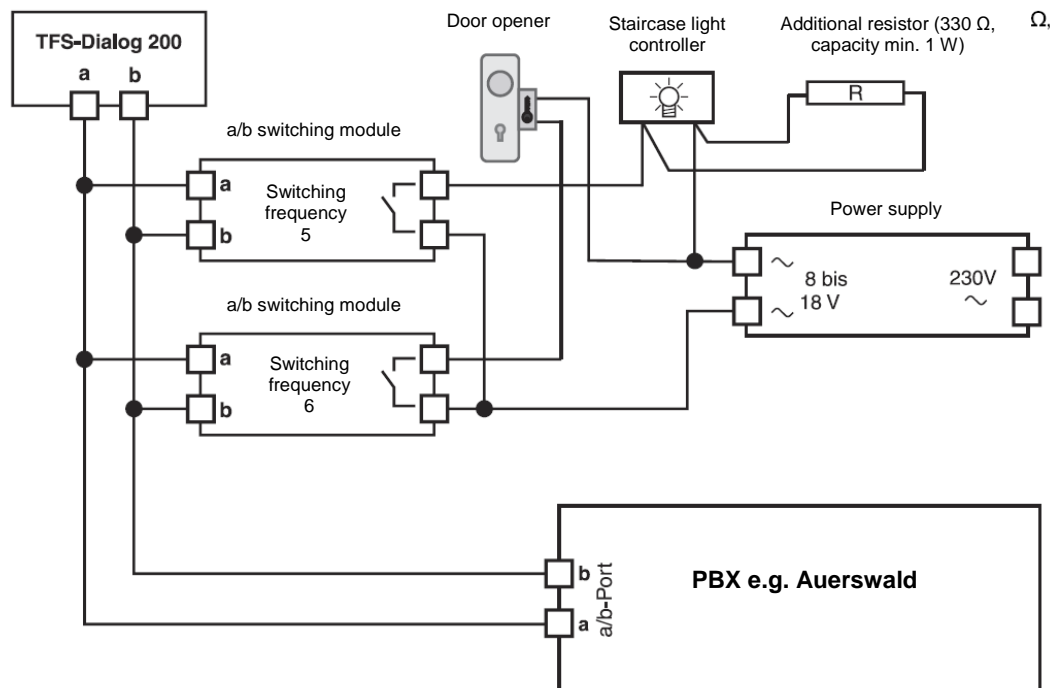
Control of additional bells, door opener and staircase lighting