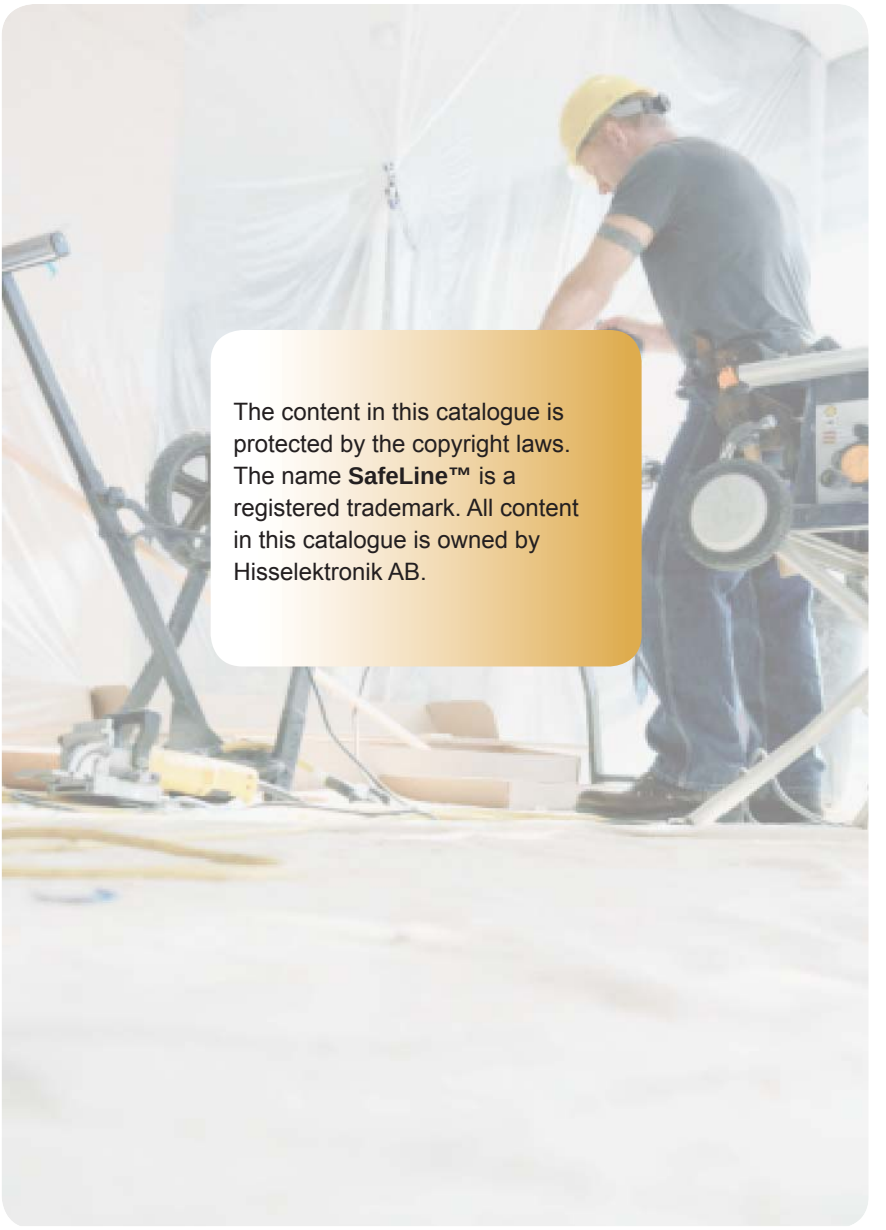
VV3 Manual

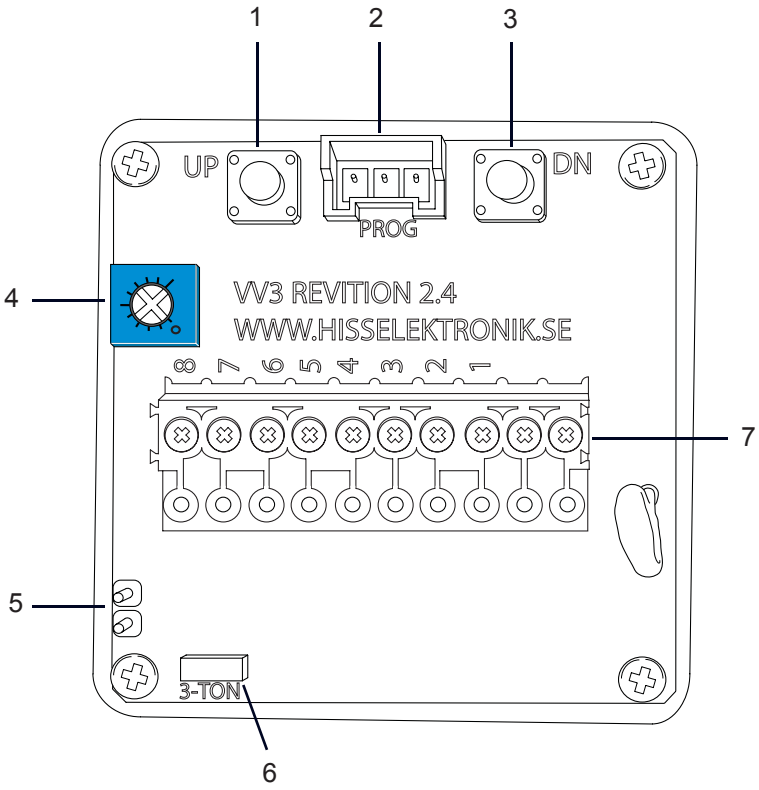
Eng v2.0

Hisselektronik
www.hisselektronik.se

Content

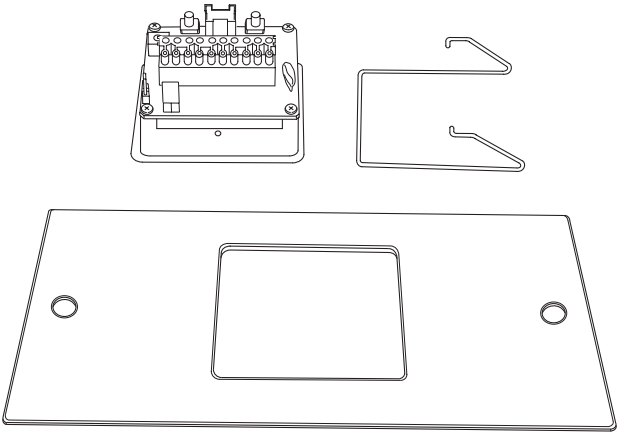


Introduction

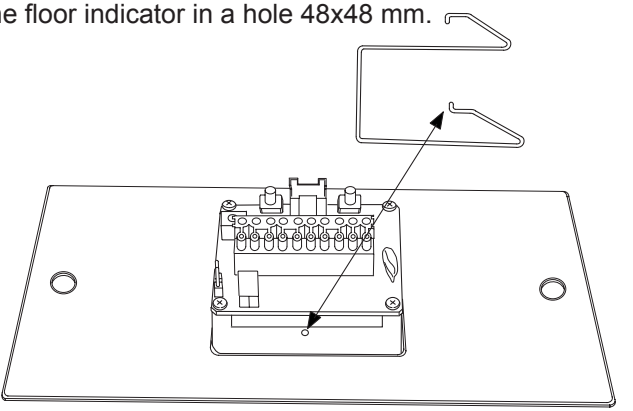


1. UP (Up - used when programming).
2. Rs232 PC connection.
3. DN (Down - used when programming).
4. Volume control.
5. Speaker connector (4-16Ω 0.3W).
6. Jumper to change arrival chime.
7. Connector for inputs and power.

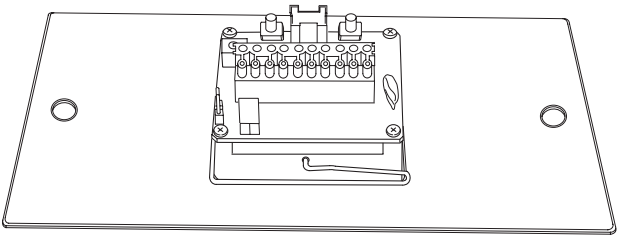
Mounting



1. Mount the floor indicator in a hole 48x48 mm.

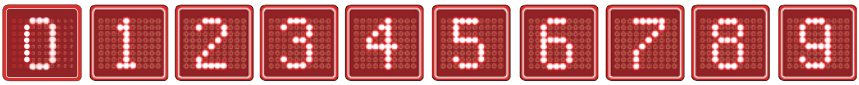


2. The retaining clip is mounted on the backside.
Fasten the clips end pins in the two holes on the side of the lens.



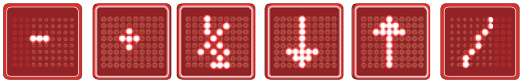
The following signs can be displayed:

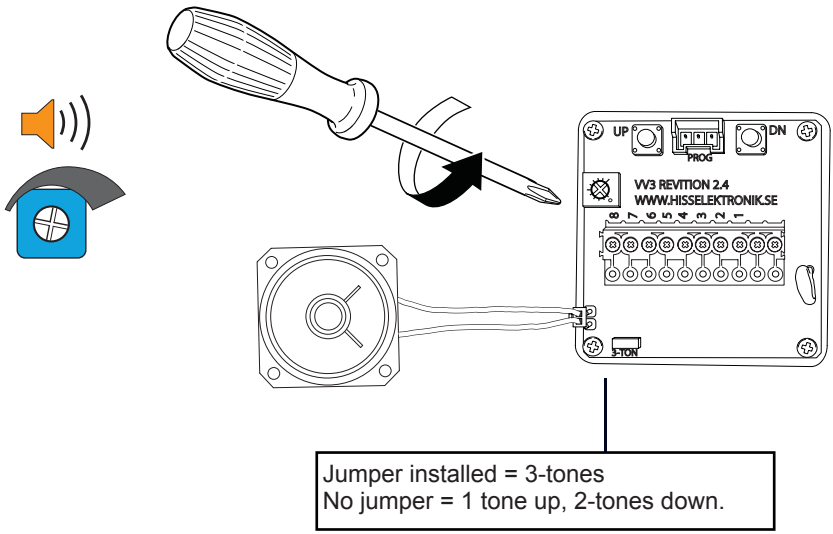
0-9



A-Z, Å, Ä, Ö, Æ, Ø, Ü

Symbols

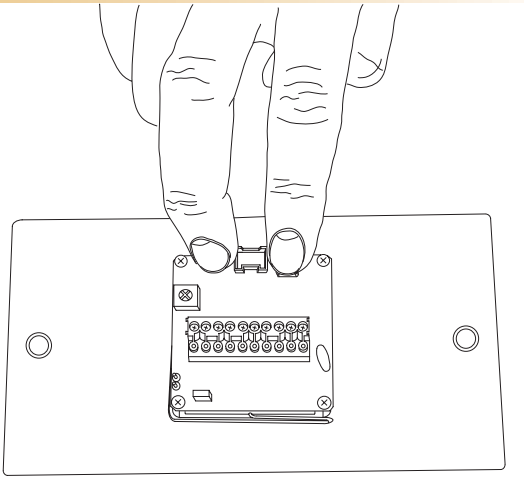




Jumper installed = 3-tones
No jumper = 1 tone up, 2-tones down.

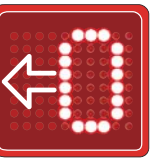
Programming mode

On the back side of VV3, there are two buttons that are marked ”UP” & ”DN” (down).



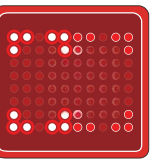
If both buttons are pressed simultaneously for 3-seconds the unit will be set to programming mode.

The display now shows the digit ”0” rolling in horizontally from the right, this means that you can choose what digits or signs you want the floor display to show on floor ”0”



Note!
If the floor designation does not need to be changed: Press both buttons for 3 seconds to directly go to the next step of programming.

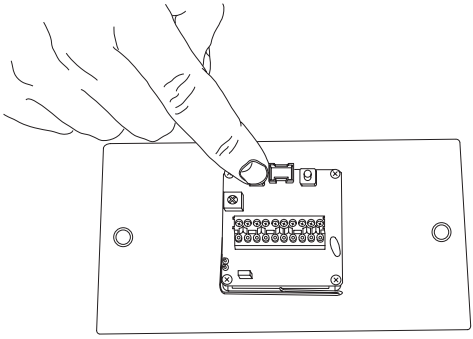
Shortly thereafter, two boxes are shown and the left one is flashing.



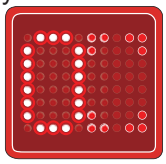
Note!
”Floor 0” corresponds to ”no input is activated” this is only used together with control panels with binary code that starts with ”0” (check with your control panel manufacturer).

If no sign is programmed on ”floor 0” the display will be ”latched” this means that if the input signal disappears, the display will continue to show the last floor until a new signal is triggered. This utility can be used when installing VV3 in older lifts that are relay-controlled.

By using the ”up” or ”down” button the left sign can now be changed.

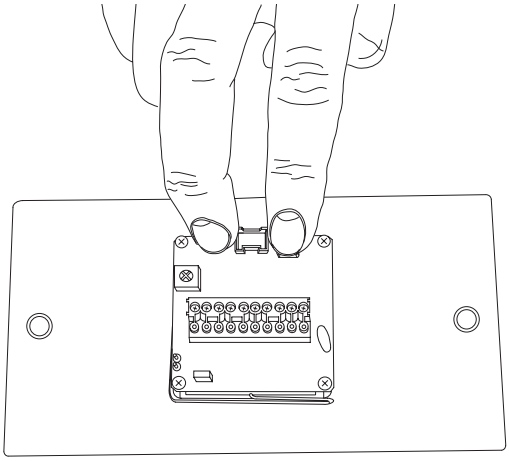


By pressing “up” once a “0” will start flashing. Pressing “up” once more, a “1” will start flashing. Continue until you come to the sign you want to use.

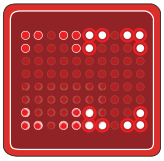


Choose what sign you want to show on the left side of the display.

Thereafter press the two buttons simultaneously for 0.5 second.

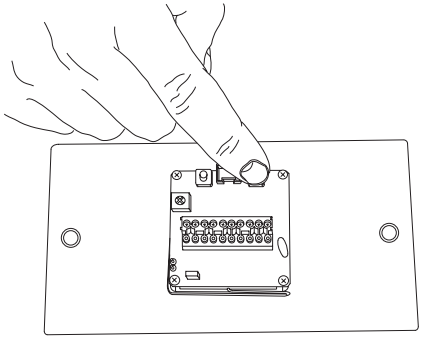


The right box will now start to flash.

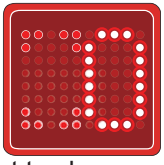


Note!
If single signs are being programmed ex. B,E,1, etc. place the sign on the right side, this will display the sign in the middle of the display.

By using the ”up” or ”down” button the right sign can be changed.

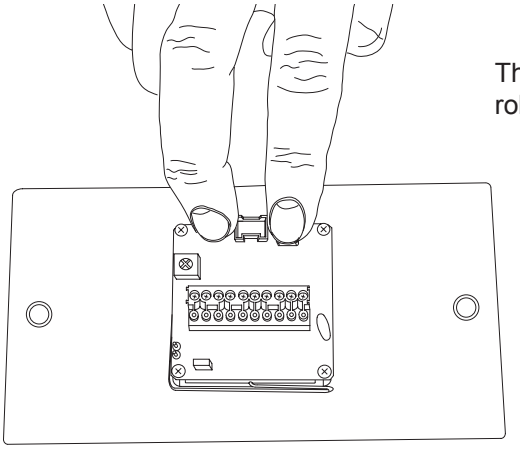


By pressing “up” once, a “0” will start flashing. Pressing “up” once more, a “1” will start flashing. Continue until you come to the sign you want to use.

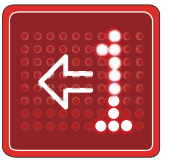


Choose what sign you want to show on the right side of the display.

Thereafter press the two buttons simultaneously for 0.5 second to continue to the next floor.

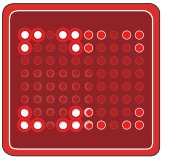


The display is now rolling ”1” horizontally.



This means that the floor “1” is ready to be programmed.

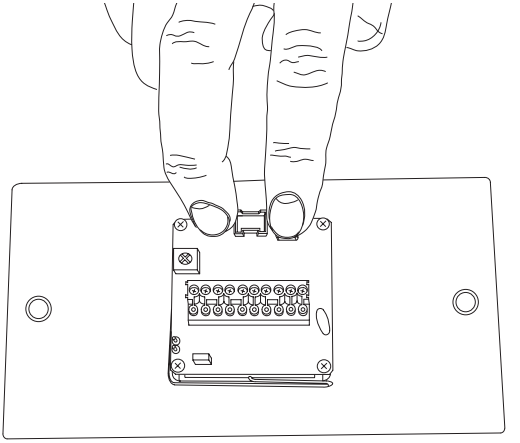
Shortly thereafter, two boxes are shown and the left one is flashing.



By using the ”up” or ”down” button the left sign can now be changed.
Program this floor the same way as the previous floor.

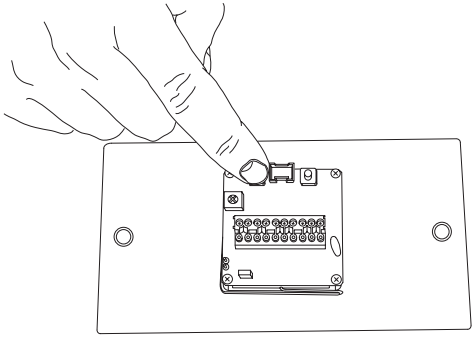
Repeat this procedure until all floors (you want to be displayed) are programmed.

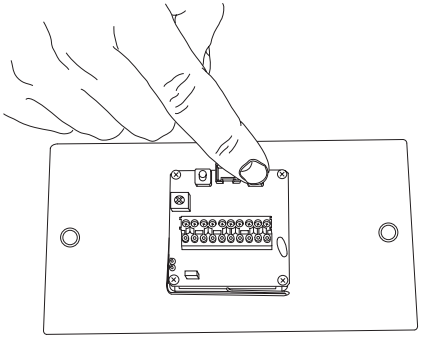
When all floors have been programmed:
Press the two buttons simultaneously for 3 seconds,
this will take you to the next step of programming.



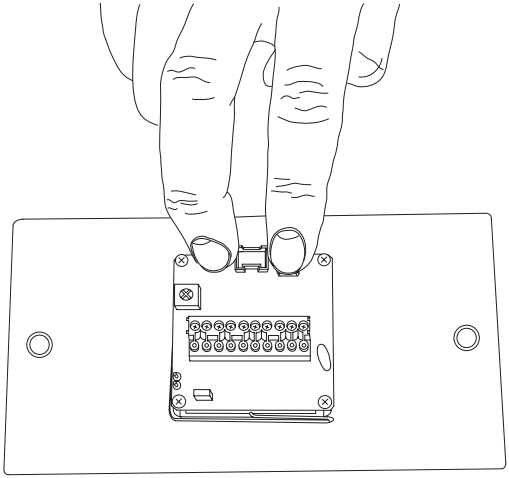
Addressing the floor indicator (select witch floor the display will be mounted on).

The VV3 displays the text ”SELECT FLOOR”.
This information is being used for showing direction arrows and arrival chime.
Choose witch floor the display will be mounted on, use the buttons to step up or down between the floors you have programmed.



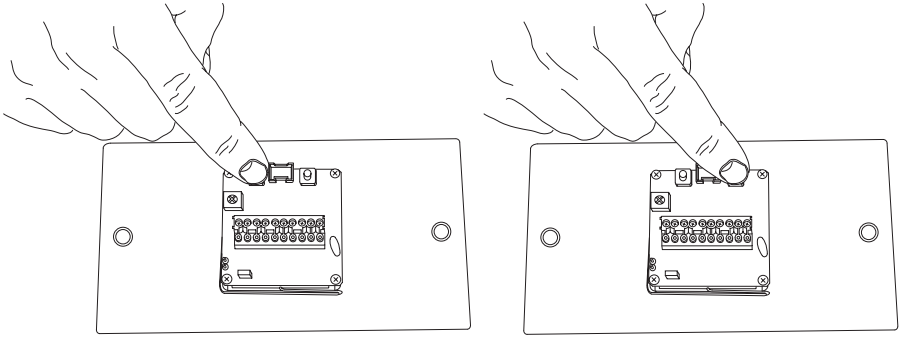


When the display shows the digit that corresponds to the floor it will be mounted on, select it, by pressing the two buttons simultaneously for 0.5 second.



Select input format.

The display shows the text ”SELECT INPUT FORMAT”.
Select between ”BINARY”, ”DECIMAL” or ”GRAY” using the up and down buttons.

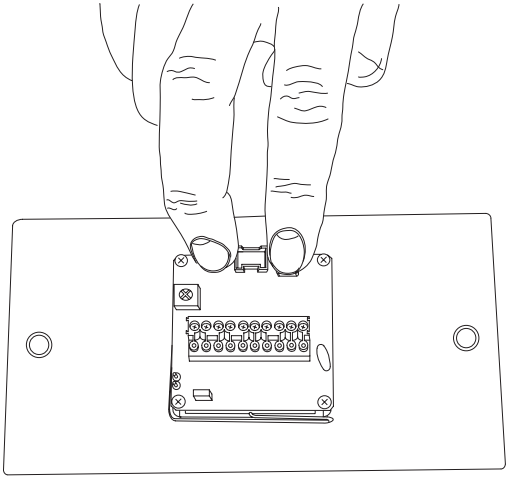


Binary=Binary code.

Decimal= One signal to each floor (this sets the limit to maximum 8 floors).

Gray=Gray code.

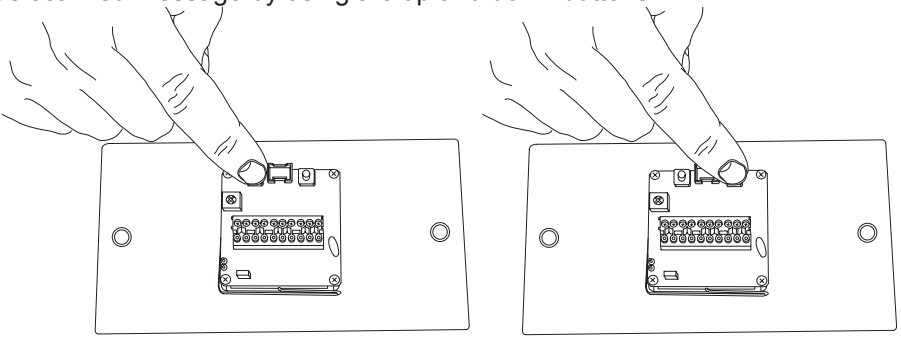
Select FORMAT by pressing the two buttons simultaneously for 0.5 second.
Consult your control-panel manufacturer if you don’t know witch FORMAT to select.



Note!
By choosing ”Decimal”, next step of programming will be excluded.

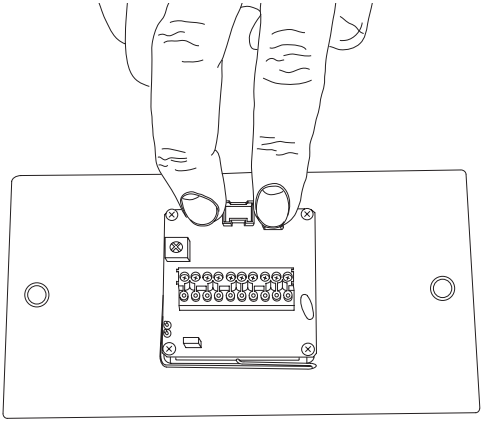
Select fixed message.

The display shows the text ”SELECT FIXED MESSAGES”.
Select fixed message by using the up and down buttons.



“OVERLOAD”, “SERVICE” , “OUT OF SERVICE”

This fixed message will be displayed when a signal is present on input 7.
Press the two buttons simultaneously for 0.5 second to exit the programming mode.



Tip!
The fixed messages can easily be changed with the free software SafeLine Pro

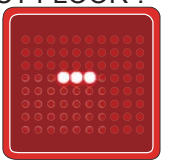
The programming is now completed.

To verify your programming.
Press the ”UP” button for 3 seconds, the display will now show all the signs that have been programmed on the floors.

OVERLOAD:

If you want to use an input to display ”OVERLOAD”:

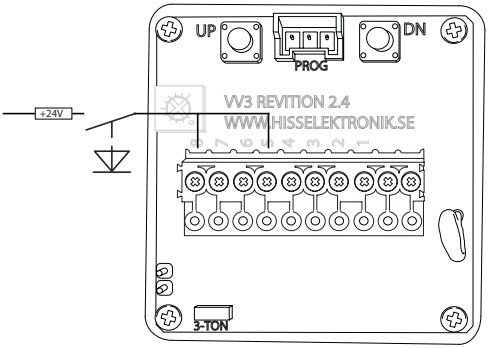
1. At programming step 3 “ADDRESSING FLOOR INDICATOR” select the “-”minus sign at “SELECT FLOOR”.



2. At programming step 5 select “OVERLOAD”.

3. Connect a speaker to the pin-connector marked “speaker”.

4. Connect the inputs so that connector 7 and 10 will be activated at the same time as the overload contact.



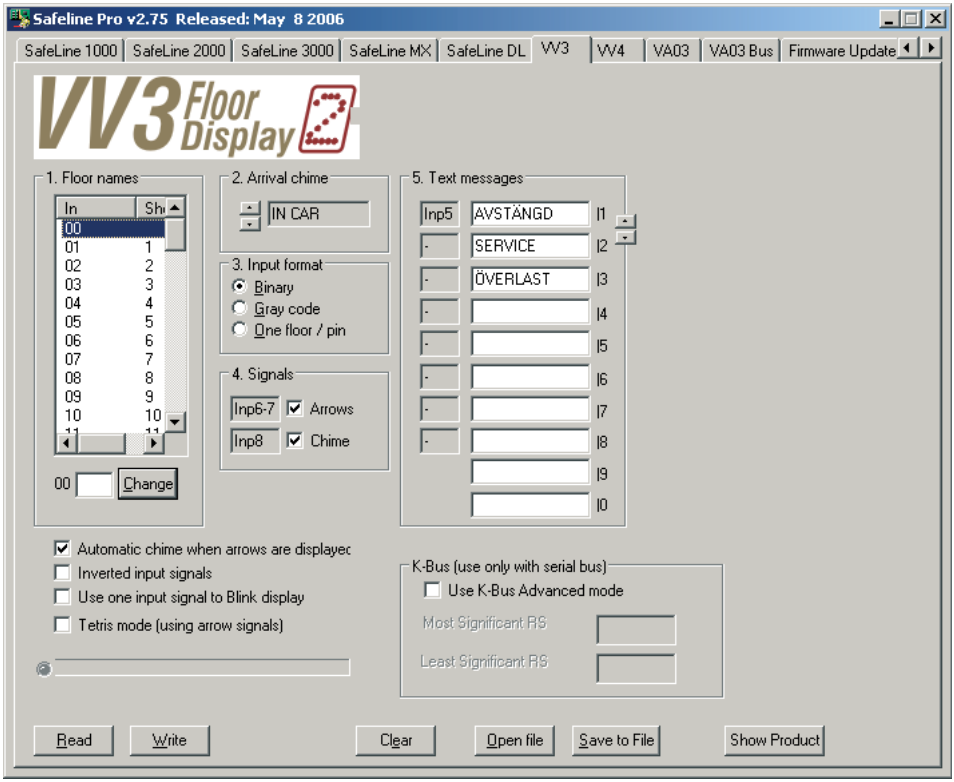
When overload is activated, the VV3 will show the ”OVERLOAD” text and the speaker will sound.

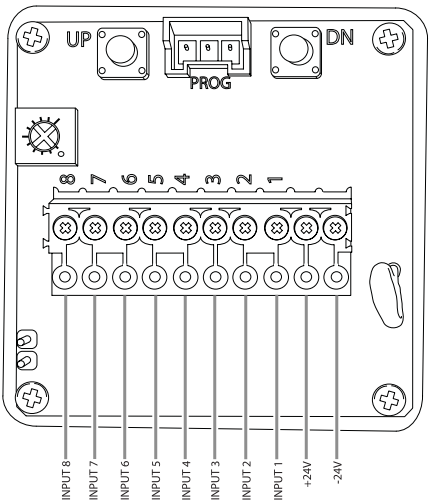
Resetting VV3:
To reset all configuration to factory settings:
Keep the two buttons pressed down while connecting the VV3 to supply voltage, release after 5 seconds.

An easier method to program VV3:
Use the software SafeLine Pro that can be downloaded at no cost from our web-site.
www.safeline.se

Programming VV3 with SafeLine Pro

With the software SafeLine Pro the inputs can be programmed and changes in the fixed text messages can be made and downloaded to the VV3.





Connecting binary signals:

Input 1 = Binary signal 1
Input 2 = Binary signal 2
Input 3 = Binary signal 4
Input 4 = Binary signal 8
Input 5 = Fixed message.
Input 6 = Arrow up.
Input 7 = Arrow down.
Input 8 = Arrival chime

Connecting gray code signals:

Input 1 = Gray code 1
Input 2 = Gray code 2
Input 3 = Gray code 4
Input 4 = Gray code 8
Input 5 = Fixed message.
Input 6 = Direction arrow up.
Input 7 = Direction arrow down.
Input 8 = Arrival chime.

Connecting decimal signals:

Input 1 = Floor 1
Input 2 = Floor 2
Input 3 = Floor 3
Input 4 = Floor 4
Input 5 = Floor 5
Input 6 = Floor 6
Input 7 = Floor 7
Input 8 = Floor 8

Tip!
With SafeLine Pro the connection of the inputs can be optimized.

Technical data:

Current consumption at 24V supply voltage: Max 50mA.

Current consumption on each activated input: Max 1mA.

Hisselektronik AB
Antennvägen 10
SE-135 48 Tyresö
SWEDEN

Phone: +46 (0)8 4477932
Fax: +46 (0)8 4477931
E-mail:. info@safeline.se
Webb: www.safeline.se
Support forum: www.safeline.se/support