

Eltako FVS

Control of dimmer switches



Infinite flexibility and convenience in
building installations

1. Creation of the FVS actuator

1. Please pay attention to the operating instruction "6 steps to success" for the presetting/startup of your FVS system for the purpose of the licensing of the software and the integration of the transmitter and receiver module (FAM-USB or BSC-BAP).
2. First please ensure that you installed one or more actuators of the following types:
 - a. FUD12NPN-12V DC (DIN-rail device)
From production week 52/09
 - b. FUD12/800W-12V DC (DIN-rail device)
 - c. FUD61NPN-230V (built-in device).
From production week 50/09
 - d. FUD70(S)-230V (false ceilings)
3. Select overview and open "Edit - Create/edit actors" in the menu bar.
4. First select the FAM-USB or the BSC-BAP in which the actuator has to be created with "select".
5. To create a dimming actuator, select the actuator type "Relative dimmer".
6. Rename the FVS actuator under "Actor name". If no name should be entered, the running ID no of the FVS actuator will automatically be used.
7. Click on "add" and the FVS actuator will be created. It will appear in grey on the base level because it has not been taught-in in the wireless actuator.
8. Choose "exit" to complete the process or go back to point 5. to create more actuators.

2. Teaching-in of the FVS actuator in the wireless actuator

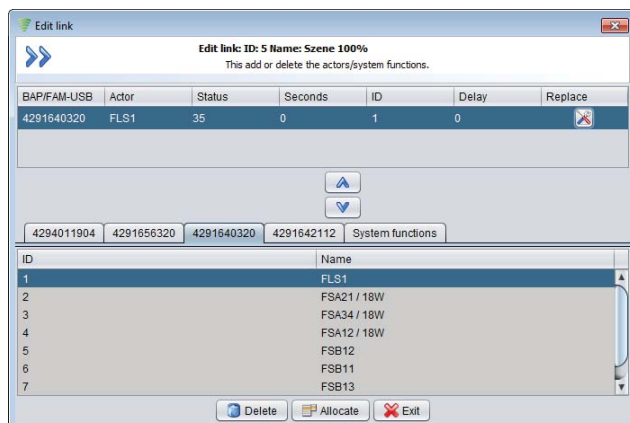
1. Choose "Teach in - Eltako FVS to actors" in the menu bar.
2. Select the FVS actuator which has to be taught-in in the displayed dialog.
3. Set the desired wireless actuator to "LRN" and the function rotary switch to FVS software/pushbutton for scenes according to the operating instruction.
 - a. FUD70(S) + FUD12/800W-12VDC → "5"
 - b. FUD12NPN-12V DC → (till 10/10) "8" ; (from 11/10) "5"
 - c. FUD61NPN-230V + FUD61NP-230V → (till 10/10) "min"; (starting 12/10) "R,L,C"
4. When the wireless actuator is ready, click on "Teach in" to send the signal to the actuator. The sending will be displayed by green flashing of the "Teach in" button. According to the operating instruction of the device also the flashing LED has to turn off.
5. Finish the process with "Exit" or go back to point 2. to teach-in more FVS actuators.

3. Connect dimming actuator to wireless pushbutton

1. Teach-in a wireless pushbutton according to the operating instruction ["6 steps to success"](#).
2. Open the context menu of this wireless pushbutton by right-clicking the mouse and change the device to "Relative dimmer".
3. Open the context menu of the pushbutton and select "Teach in dimm-switch".
4. The time range from light intensity min to max will be determined. This will be required for the statement of the dimmer setting via wireless pushbutton. Click on "Record" and press the wireless pushbutton which has been taught-in in the dimming actuator as long as the pushbutton needs to dim from min. brightness to max. brightness.
5. Finish the teaching-in of the time range with "Exit".
6. Now the dimming actuator can be pulled by drag&drop to the wireless pushbutton to link the 2 devices to each other. A connection has been taken place if the symbol flashes green when overlaying.
7. To delete the connection select the context menu of the pushbutton by right-clicking the mouse and select "Allocate actors". Select and disconnect the linked FVS actuator.

4. Light scenes & links

1. A definite brightness value on one or more dimming actuators can be given per operation of a link. A created link will always be assigned to a wireless pushbutton after creation.
2. Links will be created according to the operating instruction ["links"](#).
3. Setting according to the illustration:



4. The assigned actuator in the example can be given a switching position. This switching position corresponds to 35%.
5. A delay can be entered additionally. This would mean that the entered switching state is adopted after expiration of the delay (in seconds).