Linked conditions

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Introduction

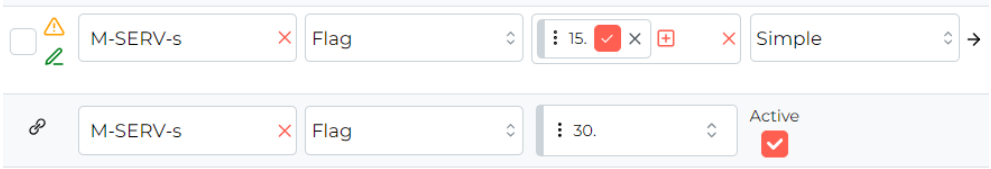
In order to create a condition that depends on more than one module, the installer has two options. One is to use flags. The second option is to create linked conditions.

A linked condition allows some action to be triggered if condition A (main) is triggered, but only if condition B (linked) is active.

Configuration in Ampio Designer

In the *LOGIC* tab, create the main condition according to the required logic. Then, select the cog icon on the right and click the *Add linked* button.

Then, in the line below, select on what condition the link is to apply - only binary values (having state 0 or 1) will be visible in the list.

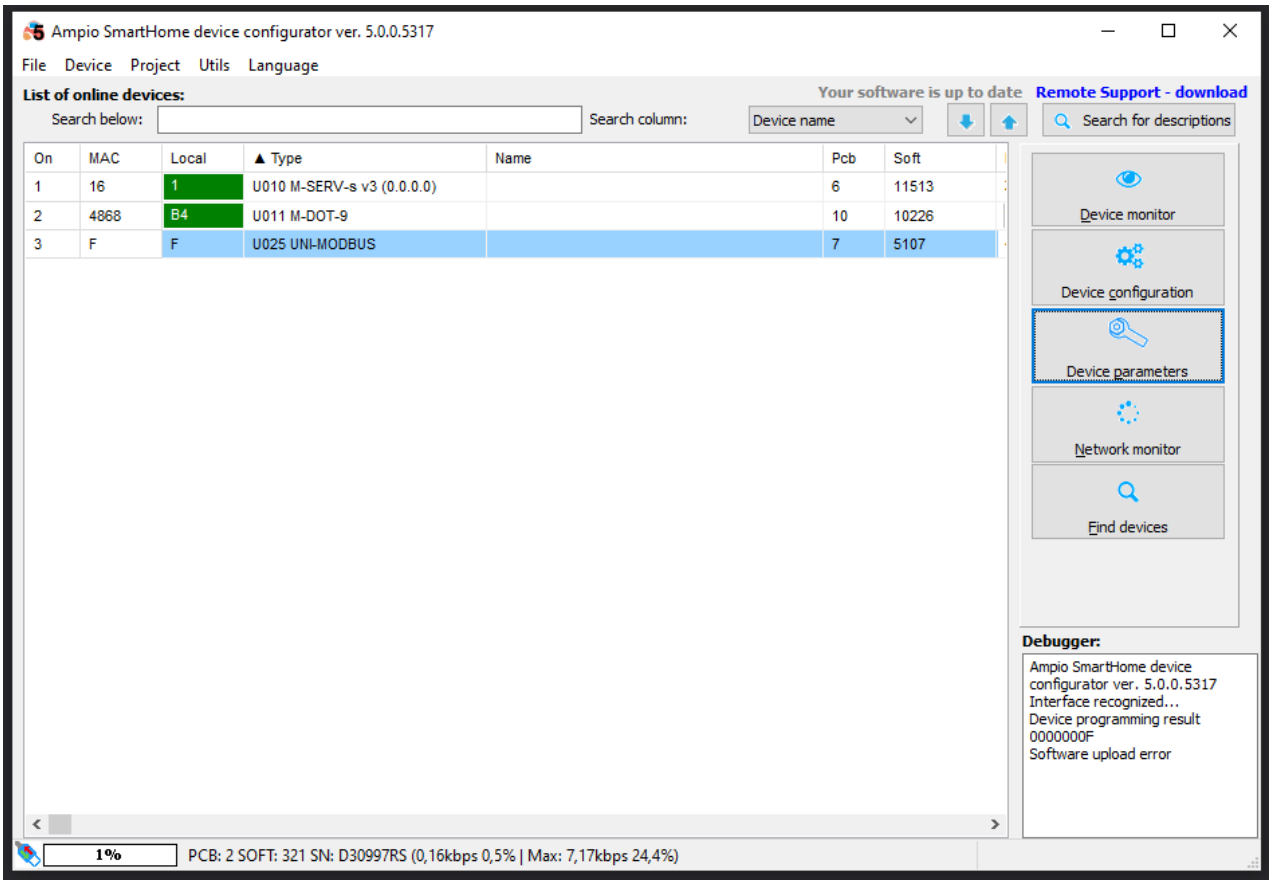


Once all the desired conditions have been set, click ‘Save’.

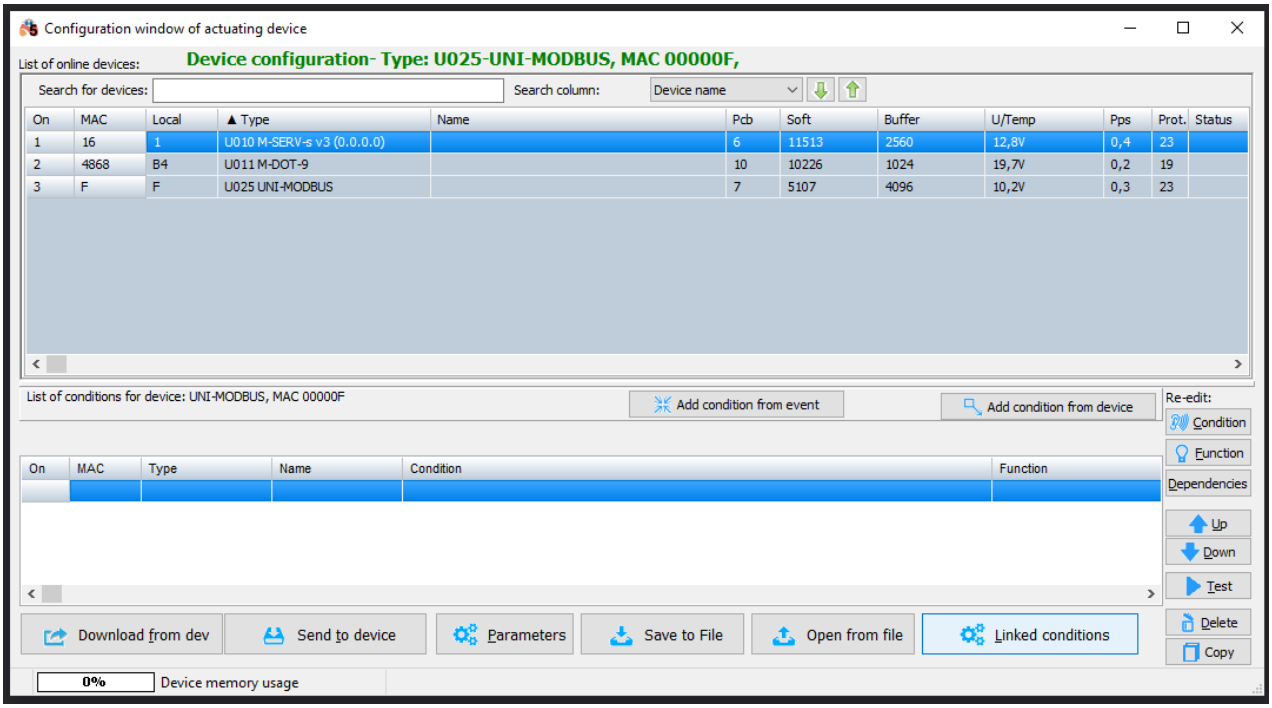
Configuration in the Smart Home Configurator*.

*from January 2024, the Smart Home Configurator software is no longer being developed. It is recommended to use it only in substantiated instances.

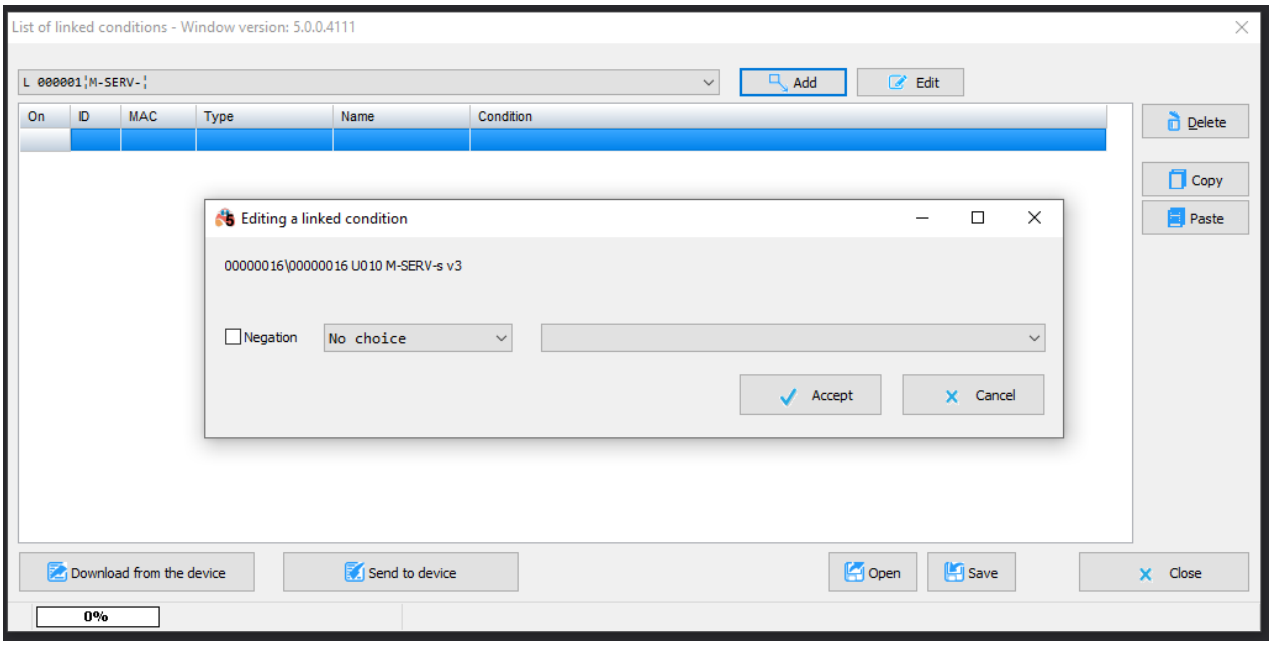
From the list of devices, select a device that you want to control and open the *Device configurator*.



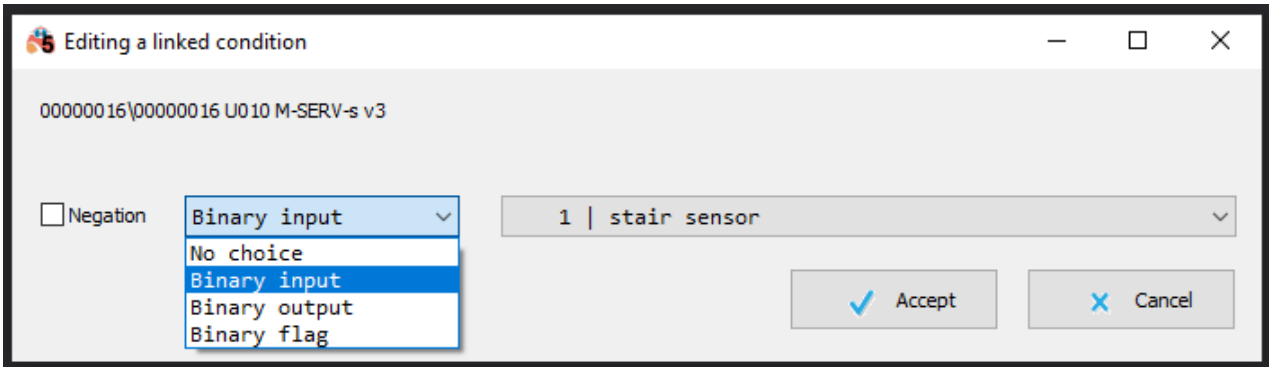
Then, open *Linked conditions*.



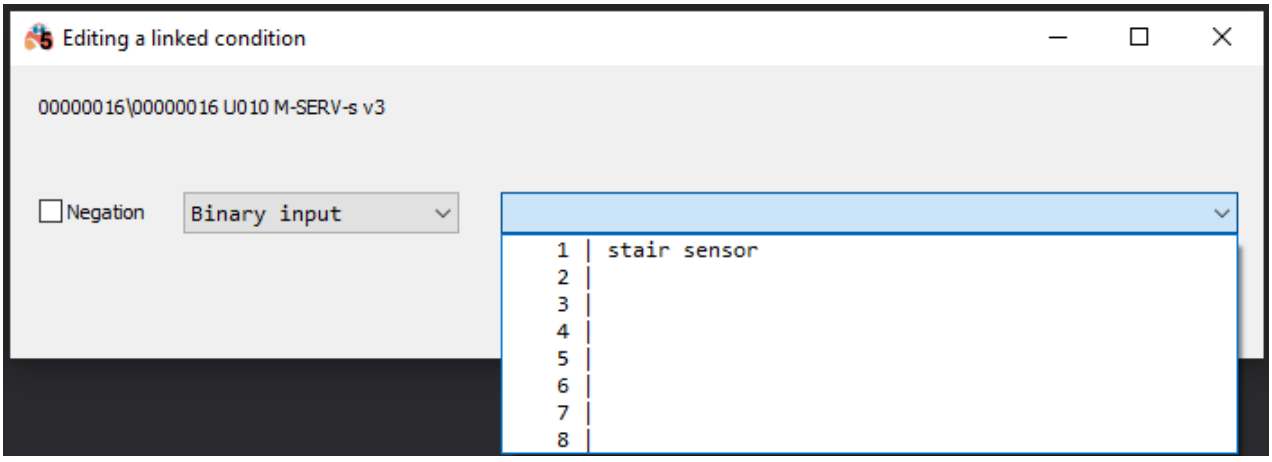
From the dropdown list on top, select the module that will serve as an additional source in your condition and click *Add*.



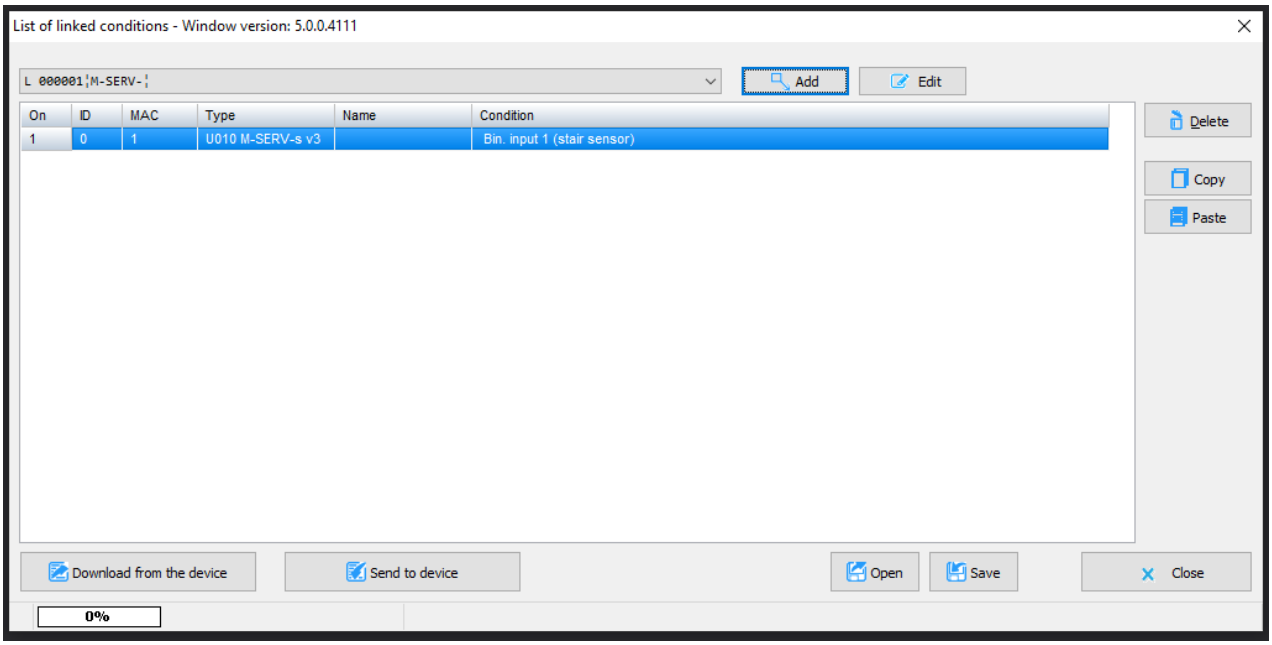
Next, choose the source type (from what information will the condition be created).



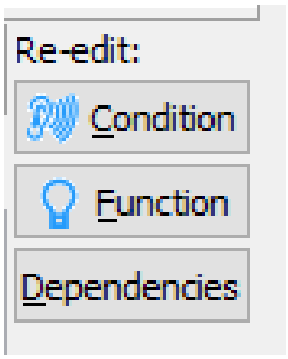
Select a number (e.g. input or flag number) and, optionally, tick whether the information should be negated. Then click *Accept*.



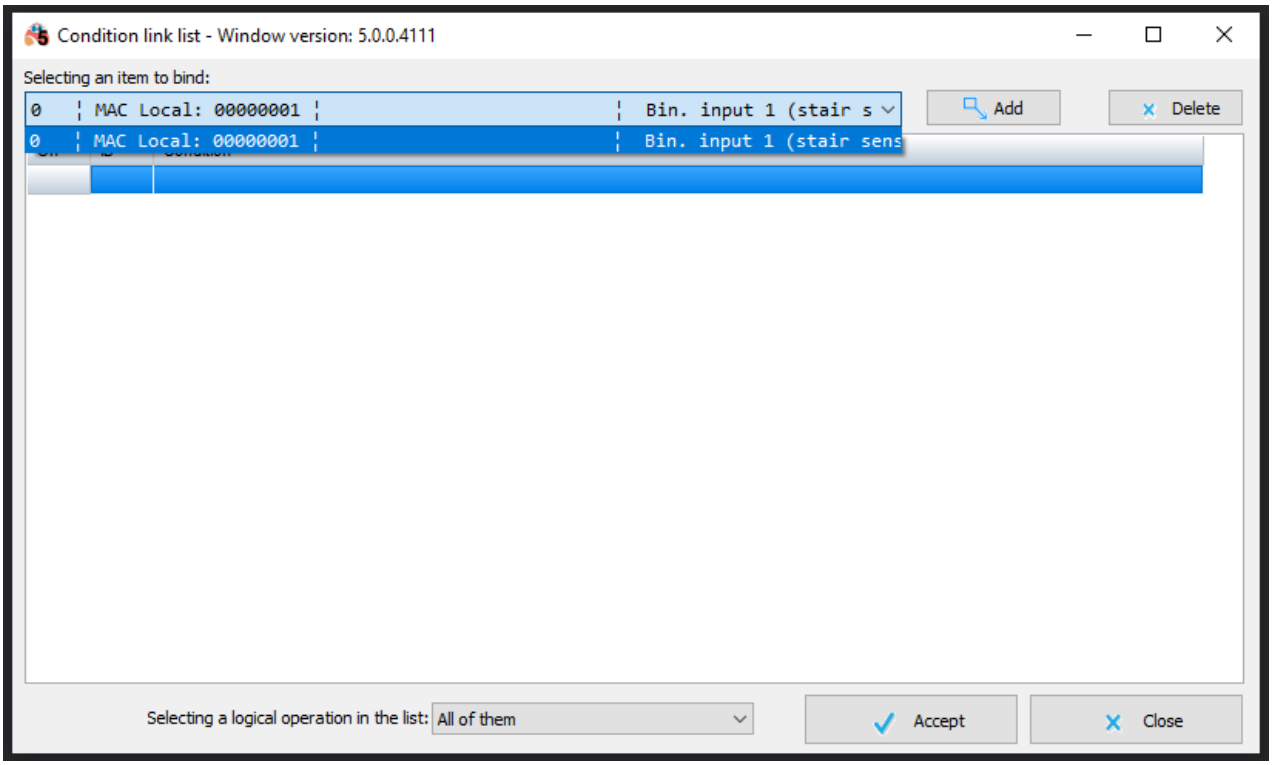
Once all linked conditions are established, click *Send to device*.



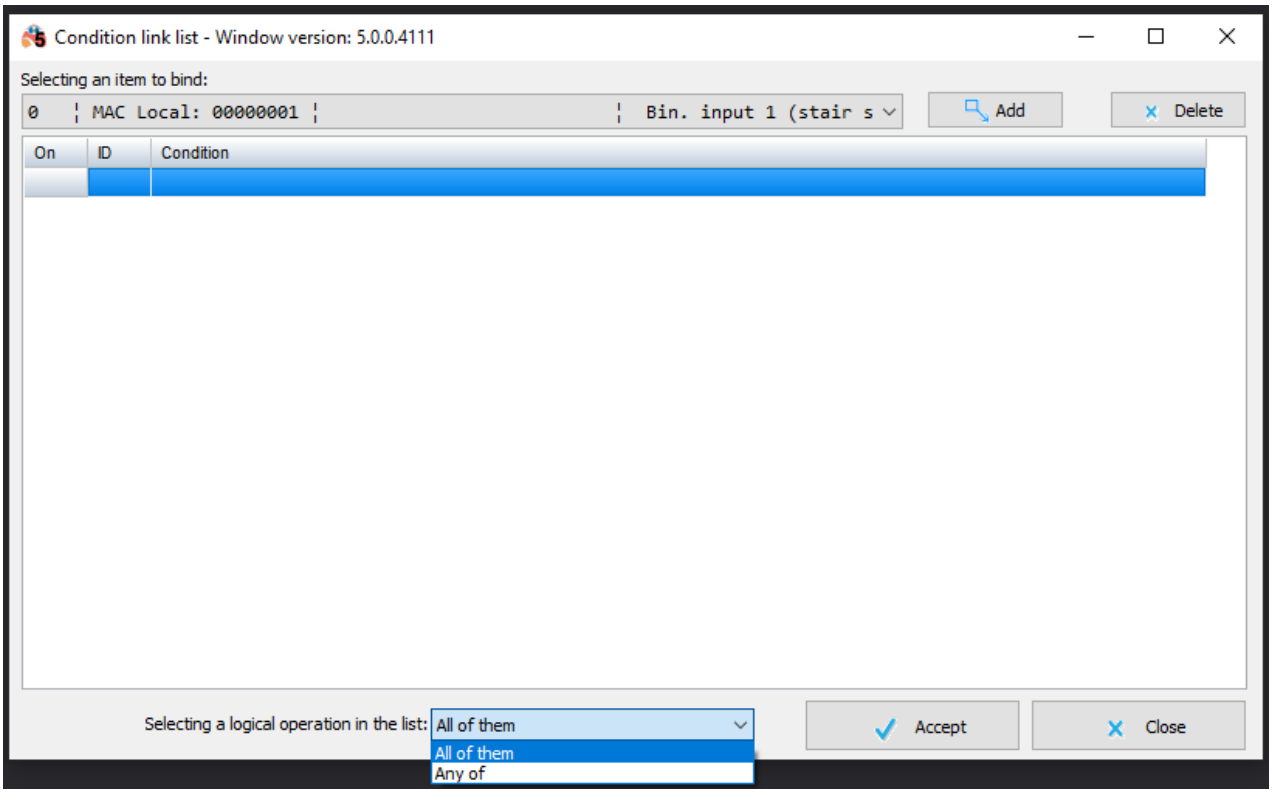
After creating a regular condition in the configurator, go to *Dependencies*.



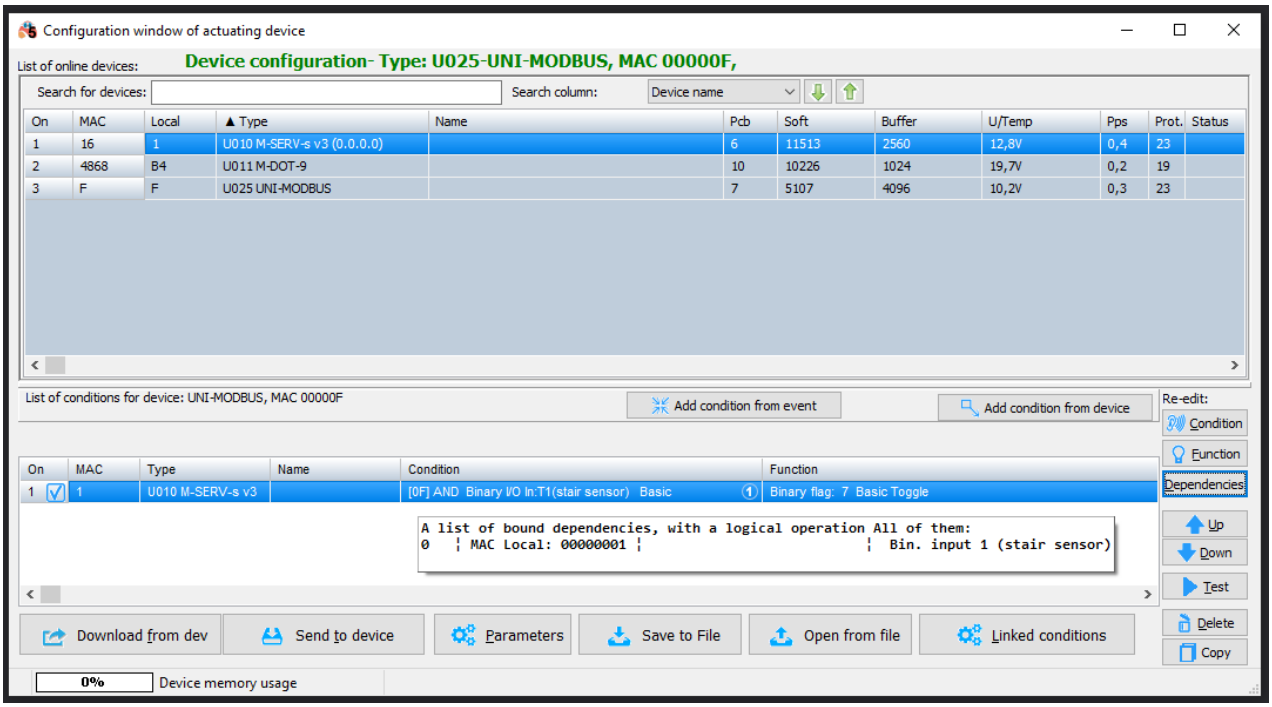
Select a dependency from the list and click *Add*.



For all the dependencies, you can also choose options *All of them* (AND) or *Any of* (OR), and confirm by clicking *Accept*.



In the conditions window you will then see a condition with a circles number, which stands for the number of dependencies.



The condition must, naturally, be sent to the device. From now on, for the condition to be met, linked information must also be active.

> The logic saved in Dependencies must be activated first, if you want the condition to be performed immediately. Otherwise, it can be performed even with a couple of seconds' delay. Only when the Dependency is *Active* (logical status 1), will the logic of the main condition be checked.