Binary counter

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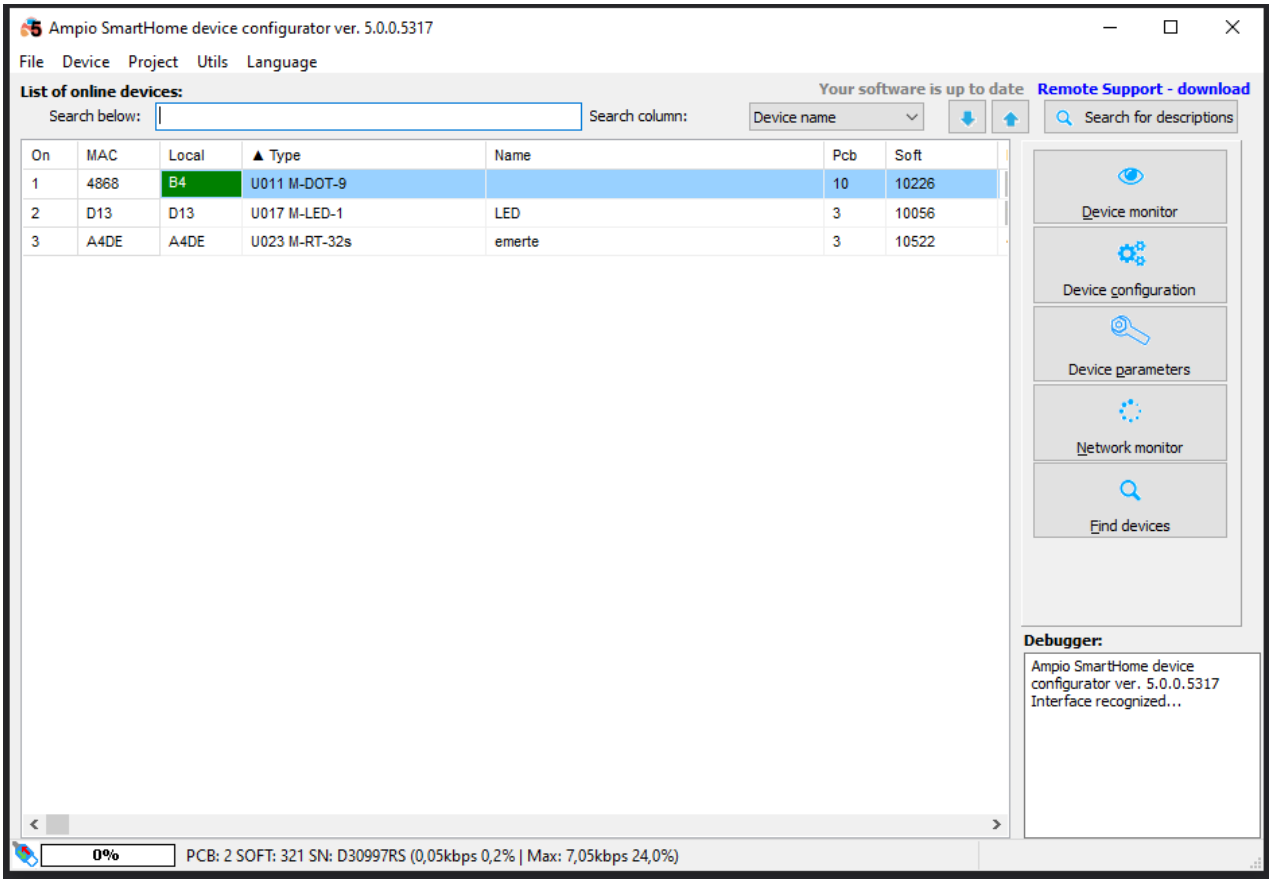
Introduction

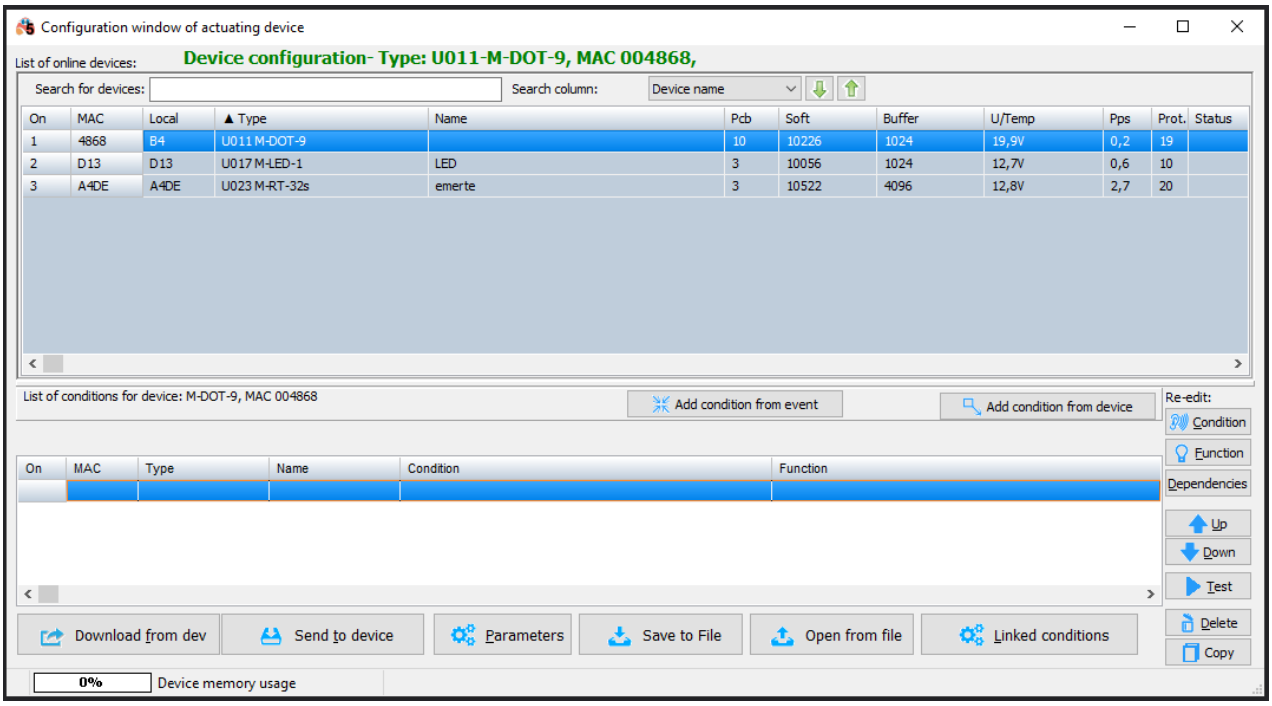
The Ampio system facilitates such a configuration that one button can control a couple of devices. The following guide describes configuration of the so-called binary counter.

Configuration

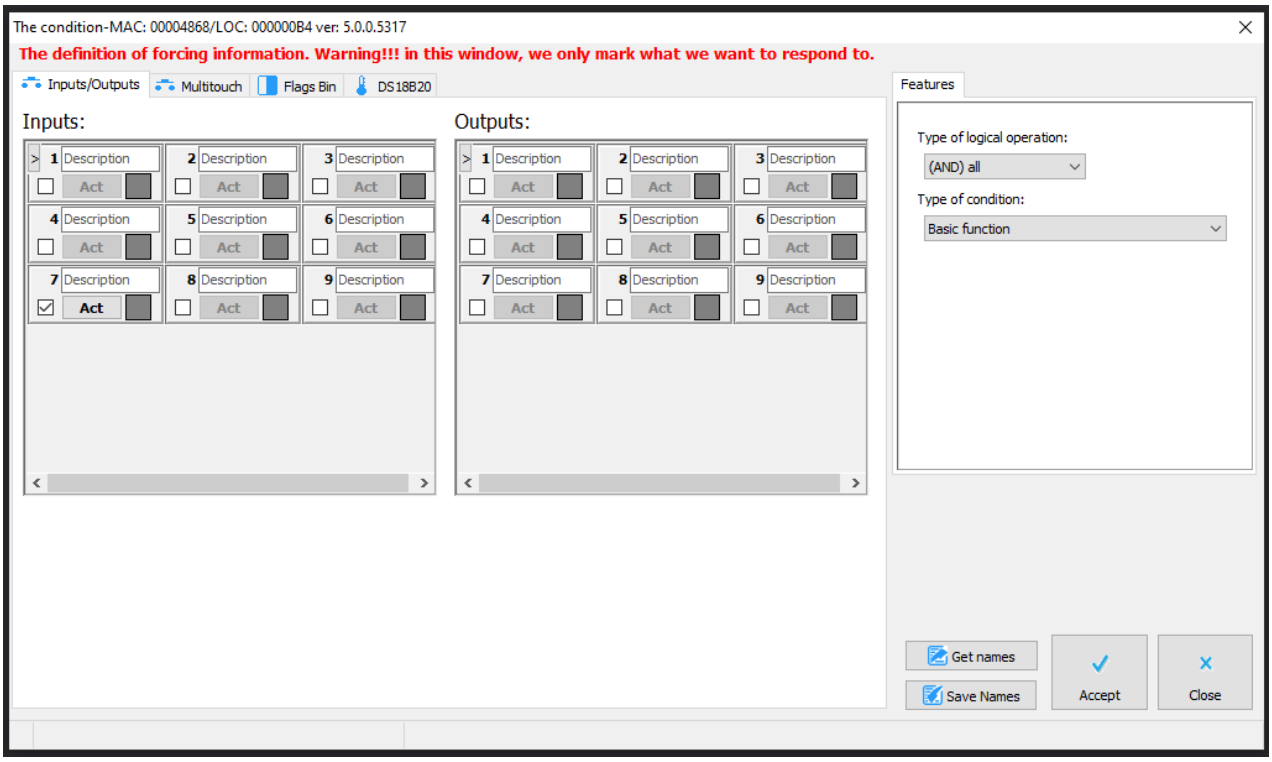
First, select the controlling device, e.g. M-DOT and go to *Device configurator*.



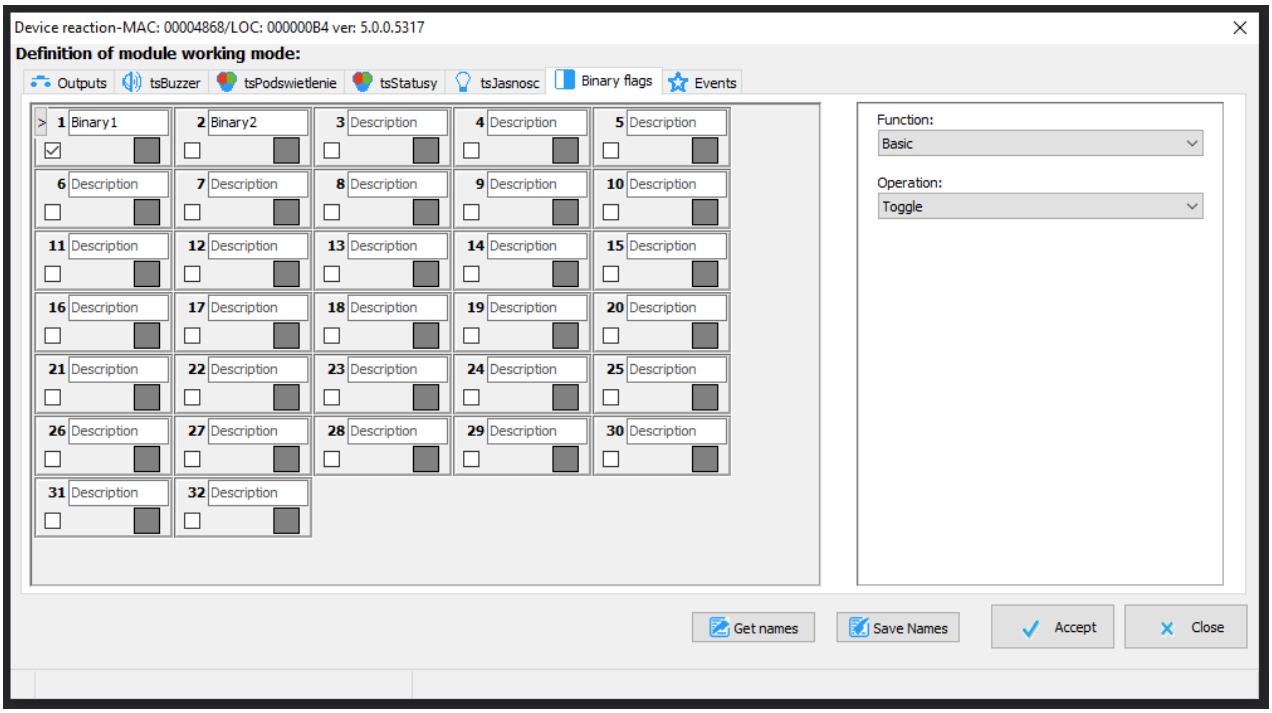
On the configuration list, select the M-DOT module again and create a *condition from device*.



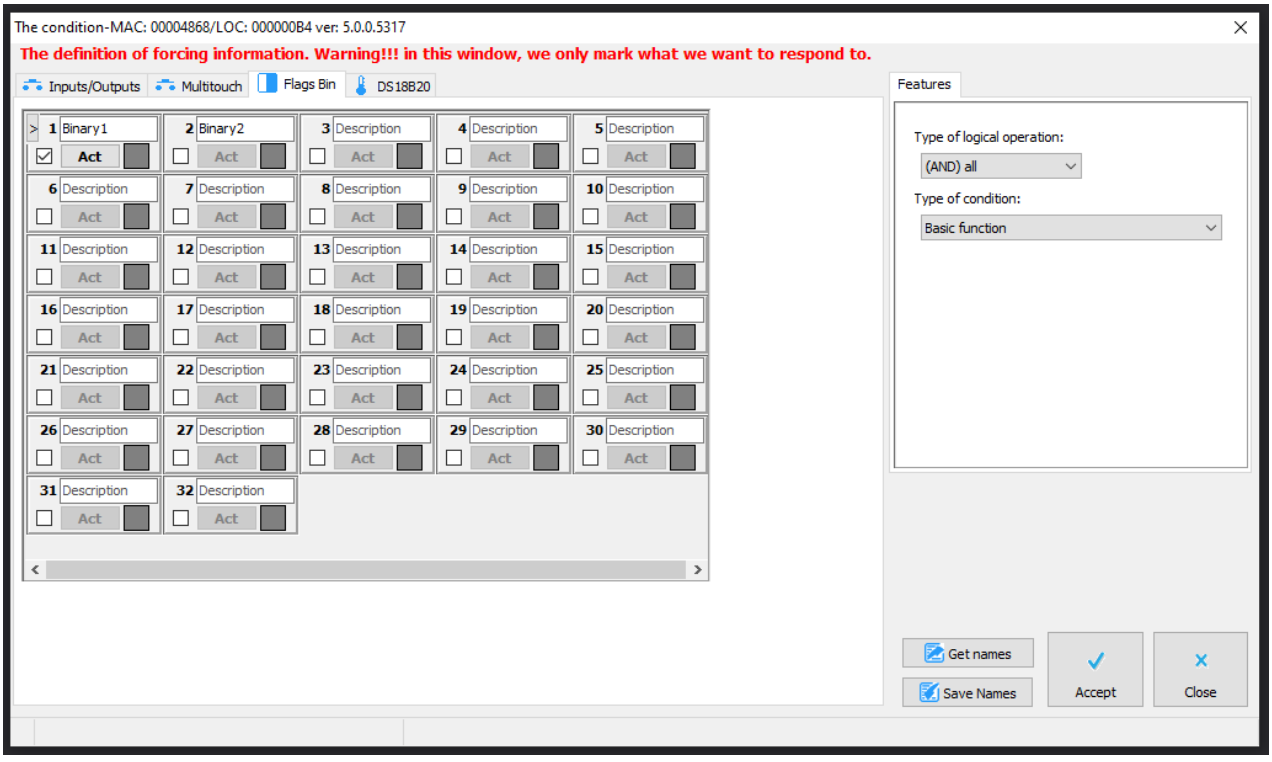
Select the input (button) that you want to use to initiate a certain action and click *Accept*.



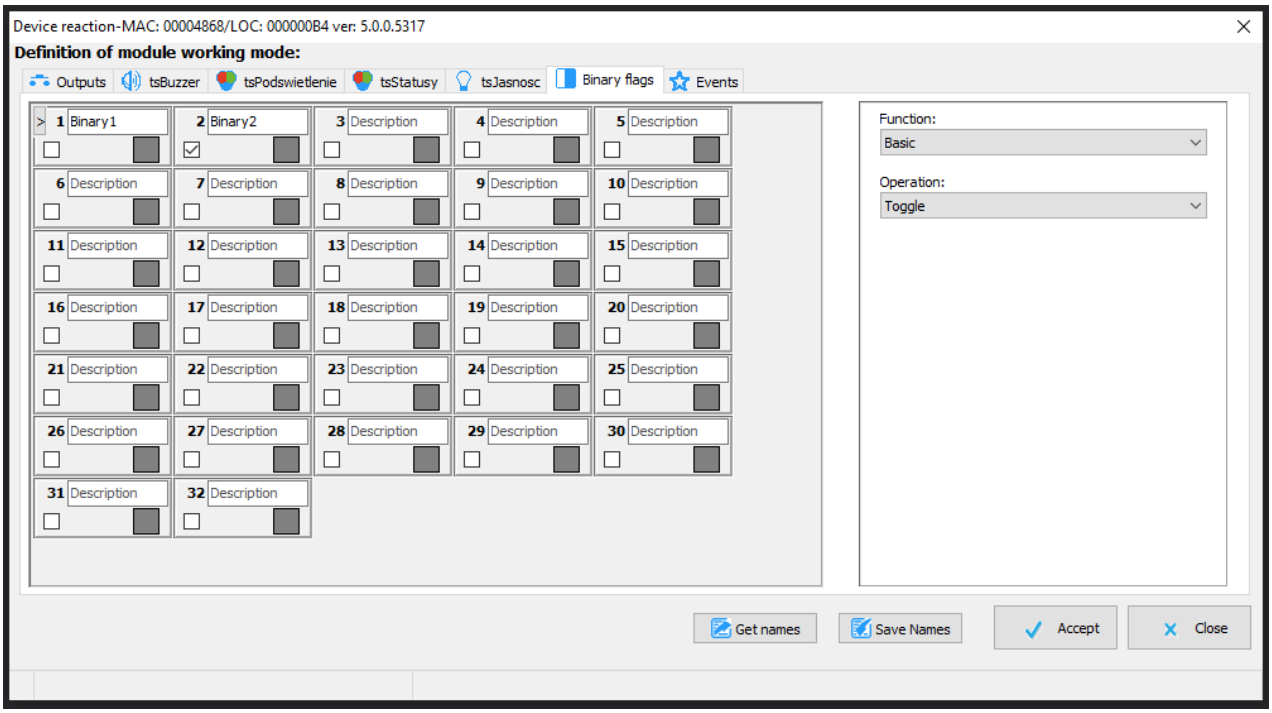
Then, choose one of the flags and confirm again.



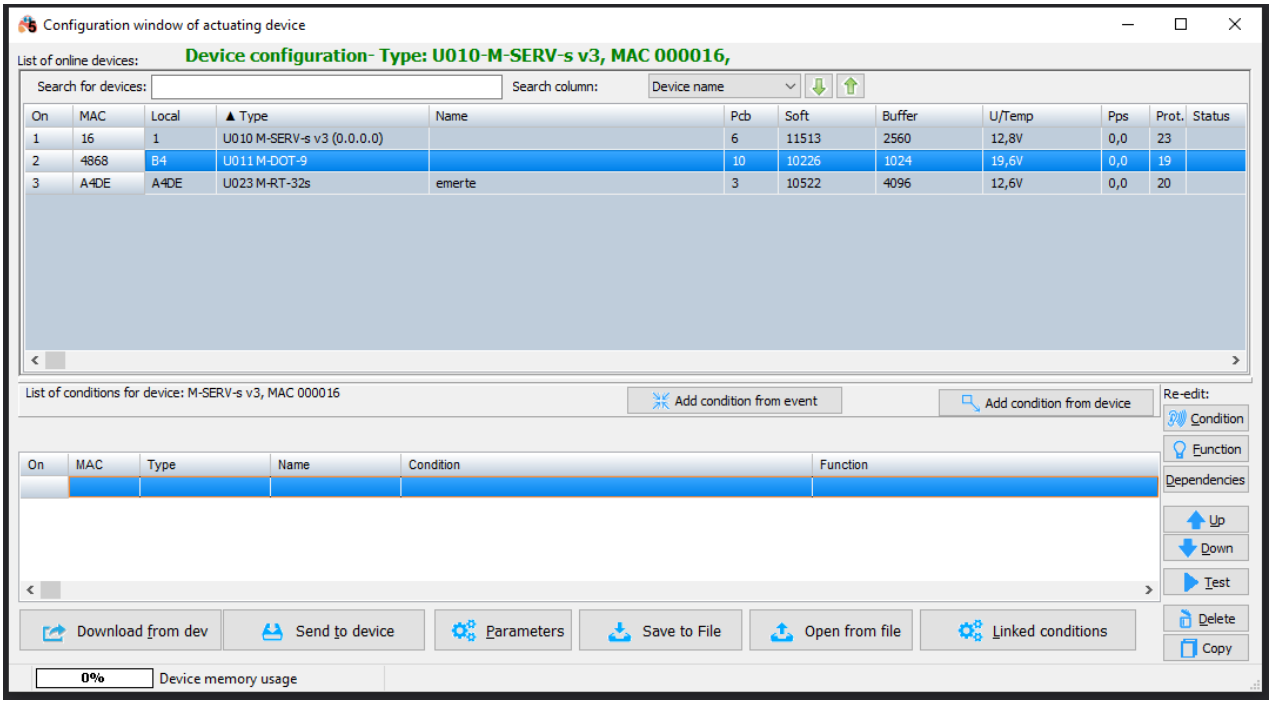
Add another condition to the same device. This time as the source, select your flag, not an input (in the *Flags Bin* tab).



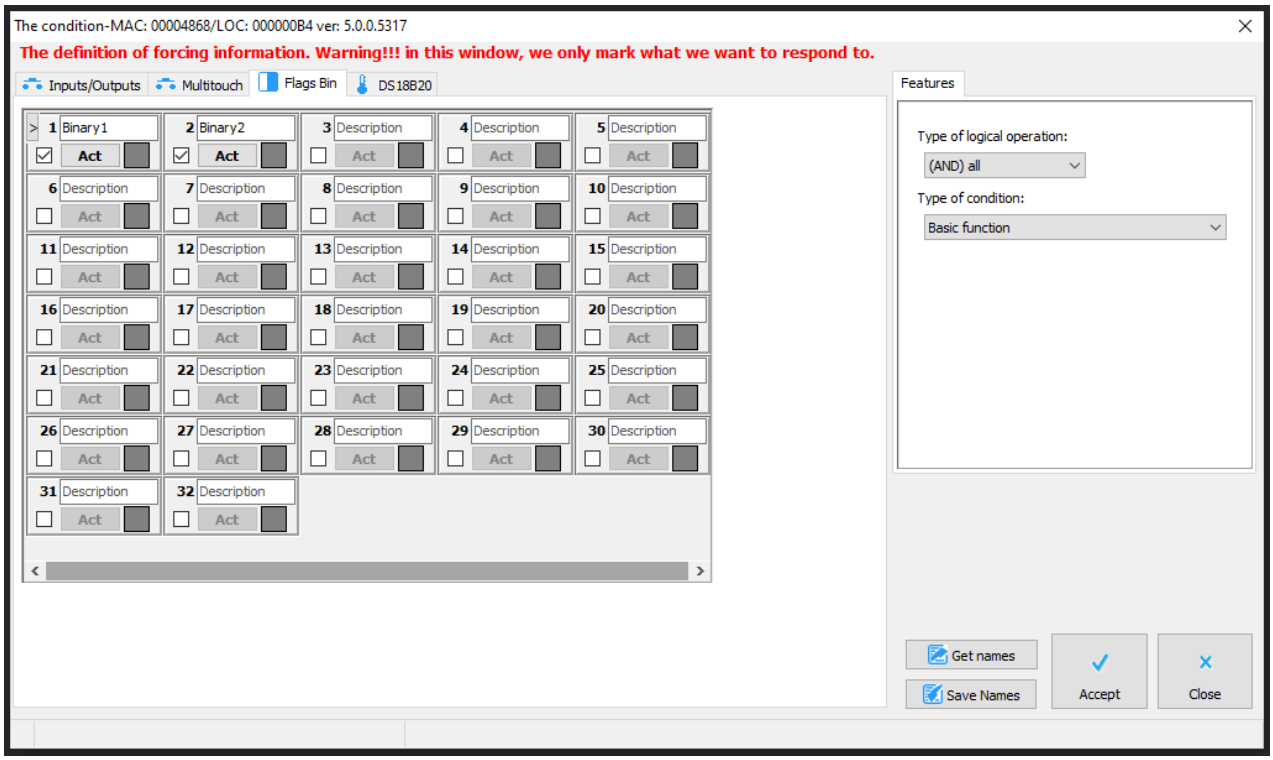
After confirming, select what you would like to control, which means, another flag.



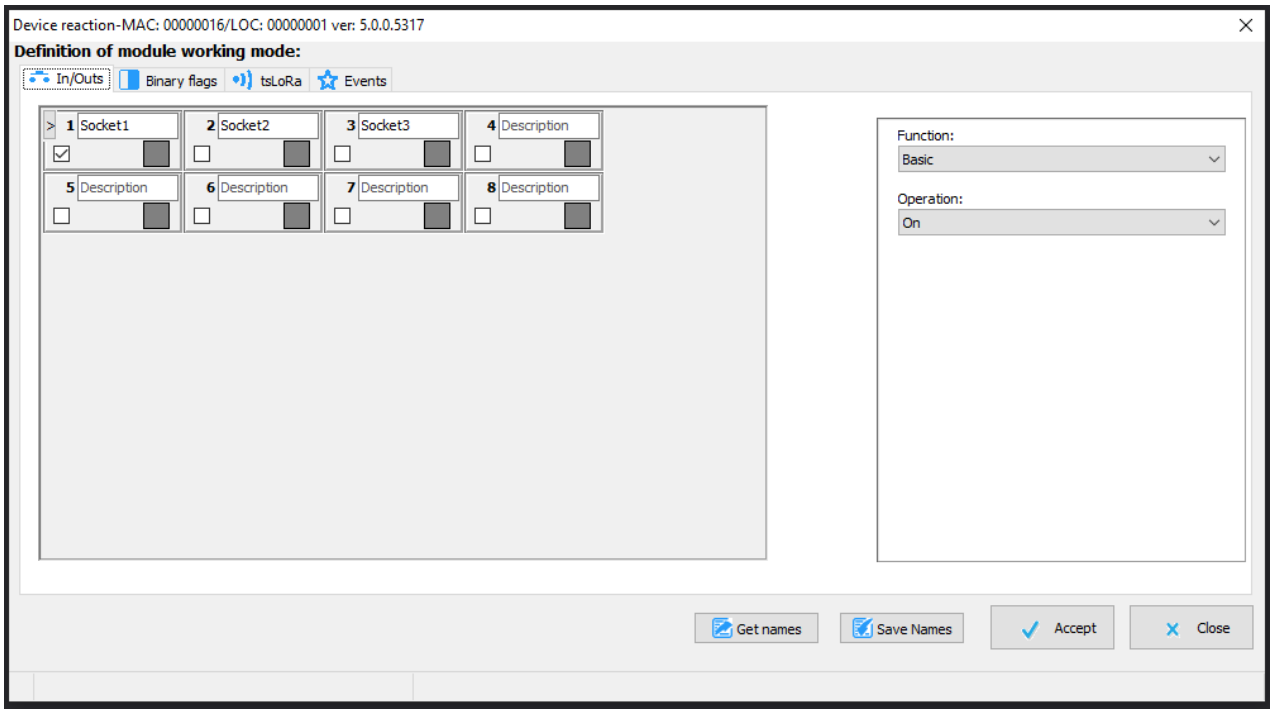
Confirm and upload the list of conditions (*Send to device*). Go back to the main menu and select the device that will be controlled. Enter the *device configurator*. Select M-DOT from the list, as this is the device that will supply your flag values.



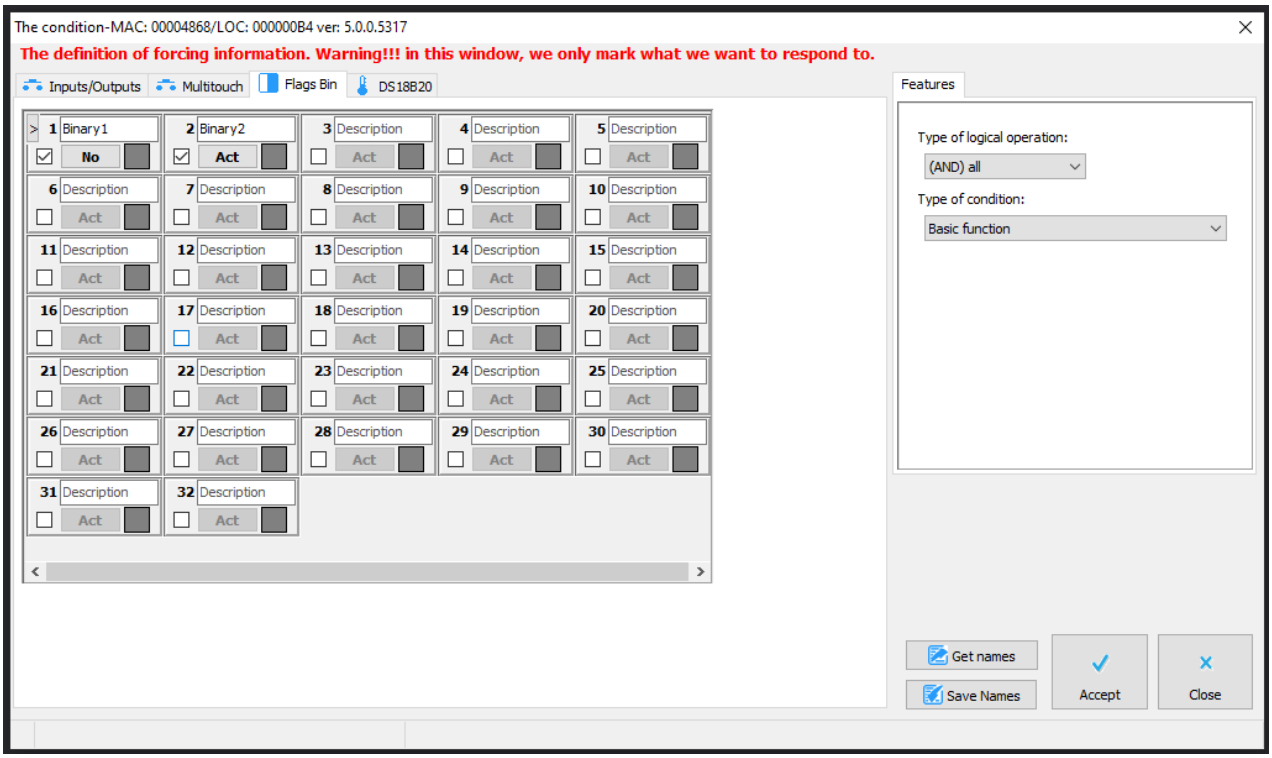
Click on *Add condition from device*. Tick both flags and confirm.



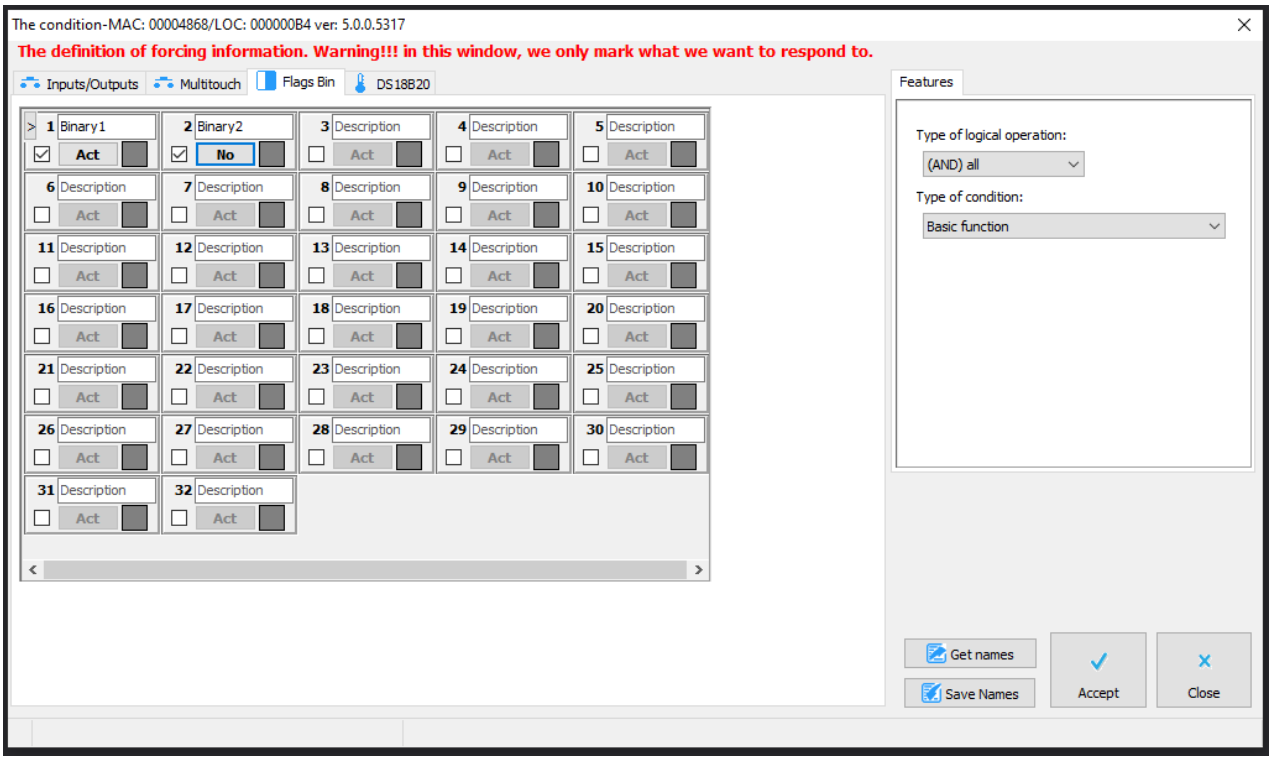
The next step is determining, which output will be activated first by selecting the operation *On*.



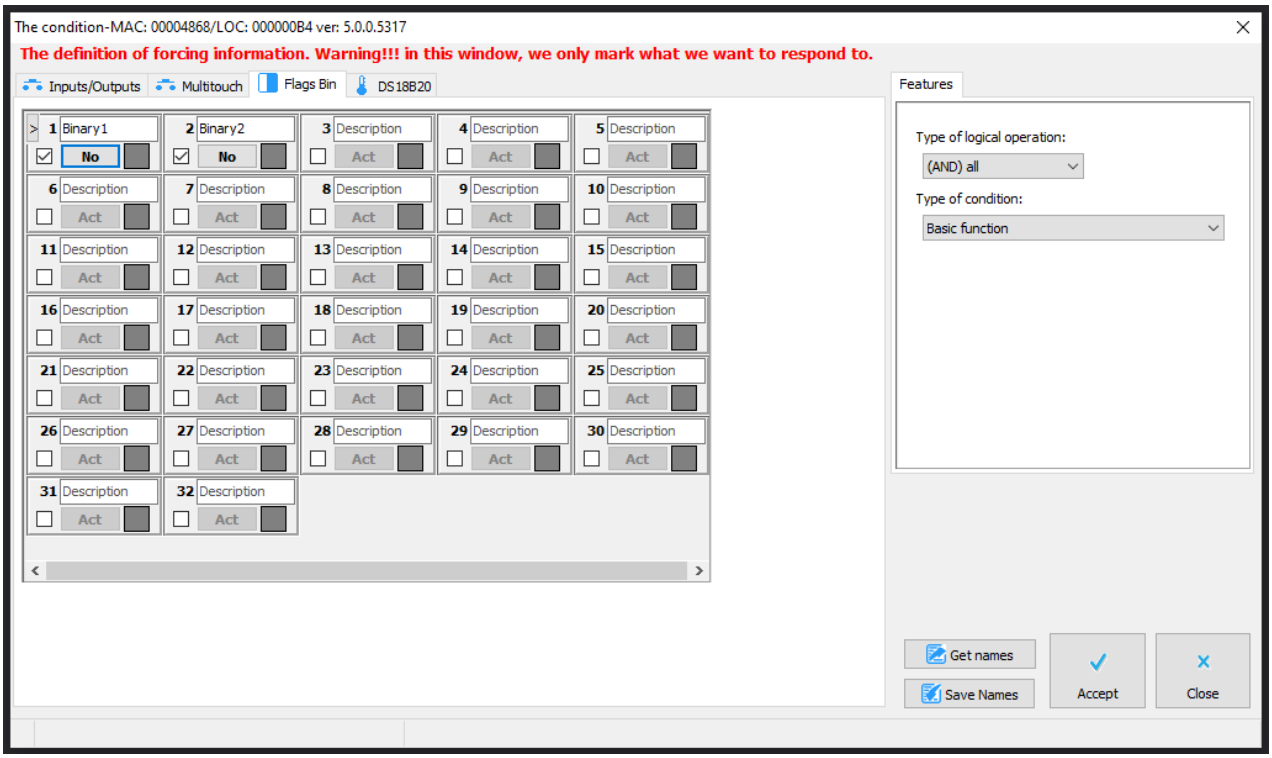
The next condition will be defined for the next output, but flags are selected by changing between options *Act* (active) and *No* (inactive).



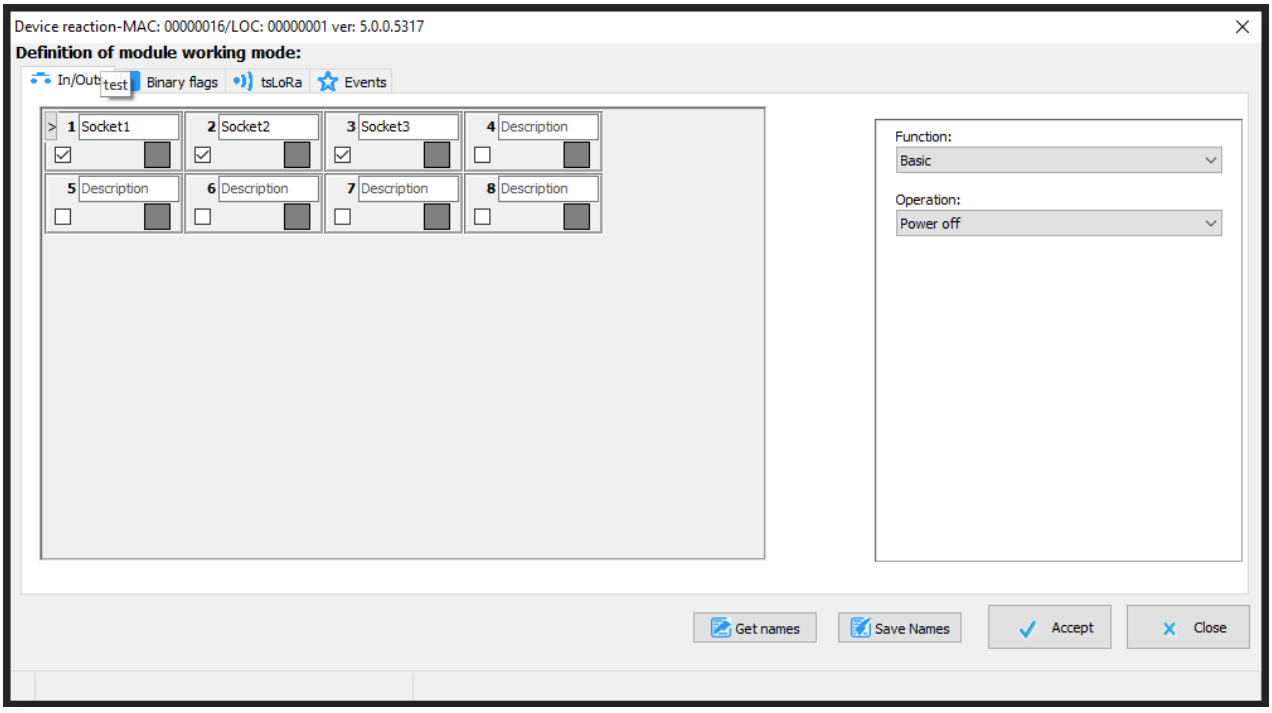
As a device's reaction, select Output 2 and confirm. The next condition for the third device must be created for active and inactive flags.



Next, as a device's reaction, select Output 3 and confirm. The last condition can be created for two inactive flags.



The function that will be performed with the last condition is *Power off* for all 3 outputs.



After creating all four conditions, they must be sent to the device.

The result of such a configuration is as follows - the first click of a button will activate the first output. The second click will activate the second output. The third click will activate the third output and the fourth click will turn off all 3 outputs.