TT220302 – FUP - Group Control

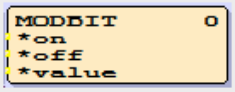
1. Sometimes we want to control equipment on/off individually, and also can control them as a group, for example lighting control. The “MODBIT” module can help you to do it easily.

MODBIT

Setting of a binary value.

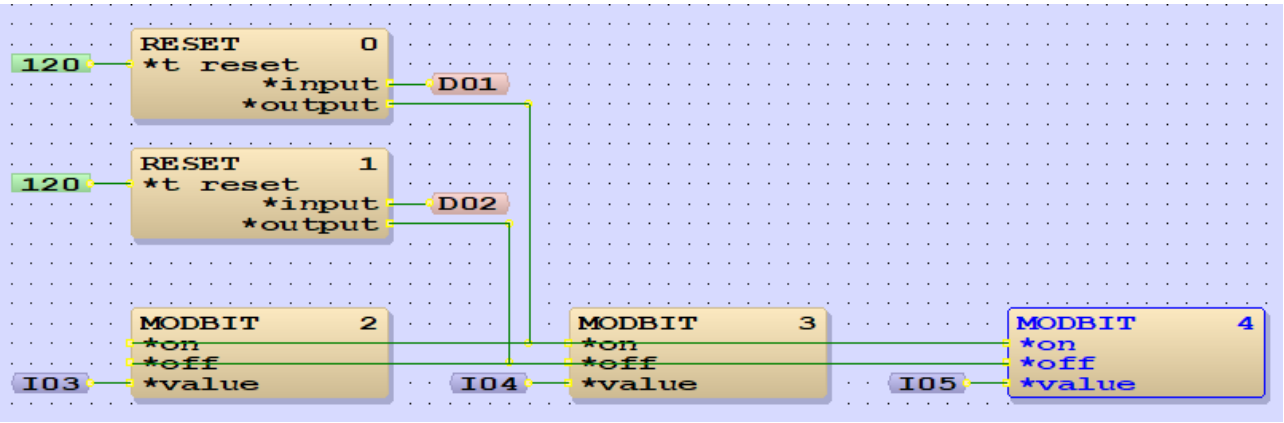
Functionality

By this module MODBIT a value can by two push buttons switched on or off

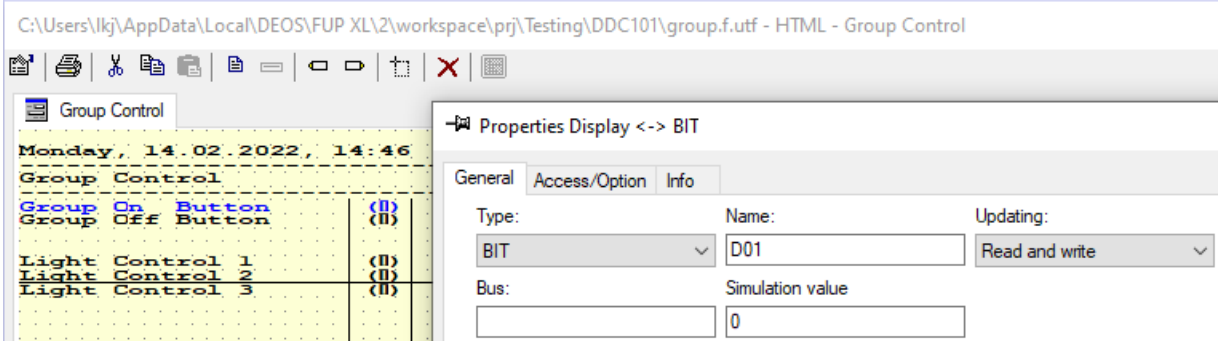


on	set the value to 1 on a positive edge
max	set the value to 0 on a positive edge
value	adjustable value

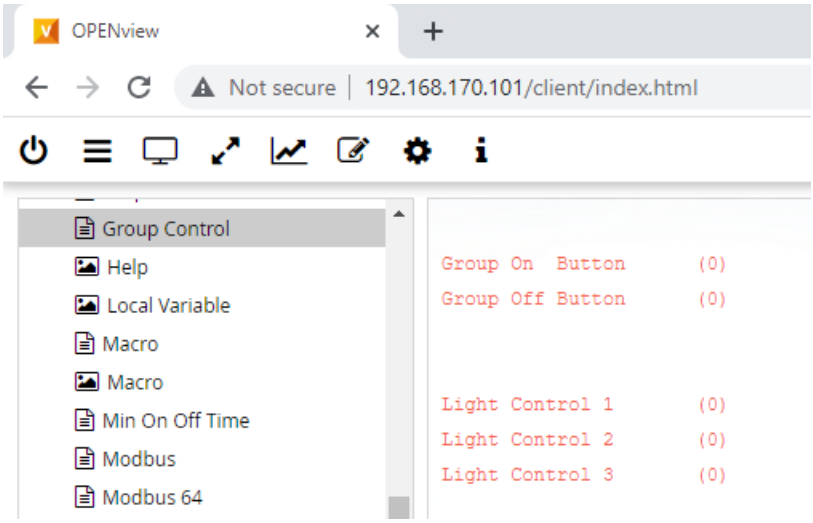
2. The below FUP page has 3 lighting points that you can turn them on/off individual (I03 to I05). Also, it provides 2 points (D01 and D02) so that you can turn all lightings on/off at the same time.



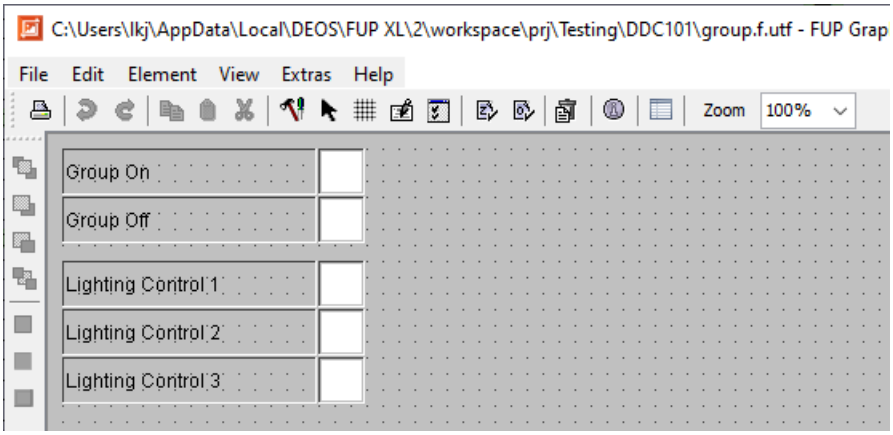
3. This is the HTML page. For the 2 group on/off buttons, you need to set the “Updating” to “Read and Write”.



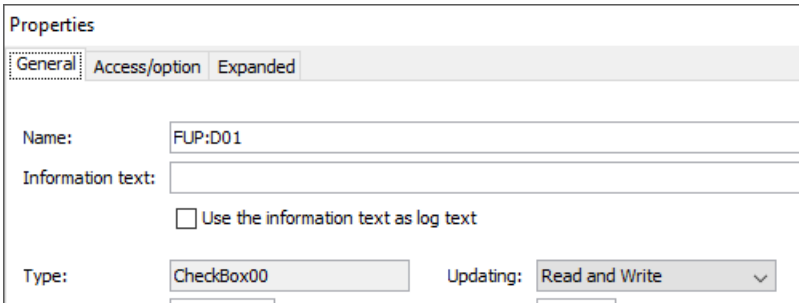
4. Now you can upload the program to your controller for testing. Please note that the “MODBIT” module won’t work in simulation, so you have to test it online with your controller.



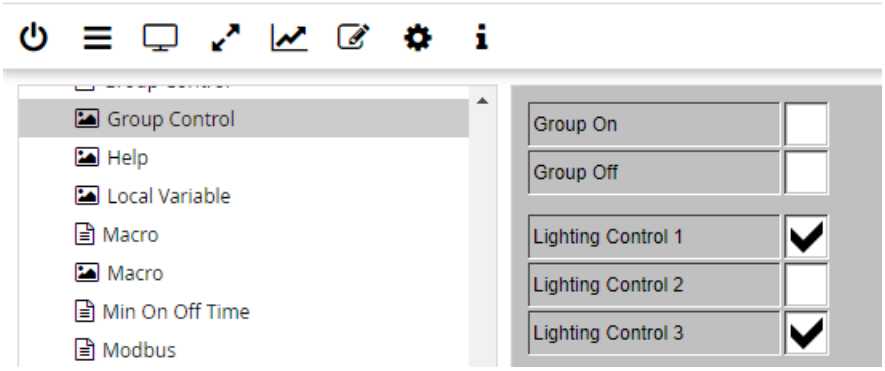
5. You can now turn on/off the lighting control 1 to 3 individually. Set the “Group On Button” to 1 to turn on all lightings, and set the “Group Off Button” to 1 to turn off all lightings. This is how easy you can do group and individual control of your equipment.
6. A simple graphic page was add using the checkbox graphic element.



7. Just link them to the Input and Display respectively. Make sure you select “Read and Write” for the “Updating” property.



8. Now you can do the same on the graphic page.



9. You can also use “LoclSwitch00” for the group on/ff control. Please refer to TT190701 for more options on the graphic elements of digital point.