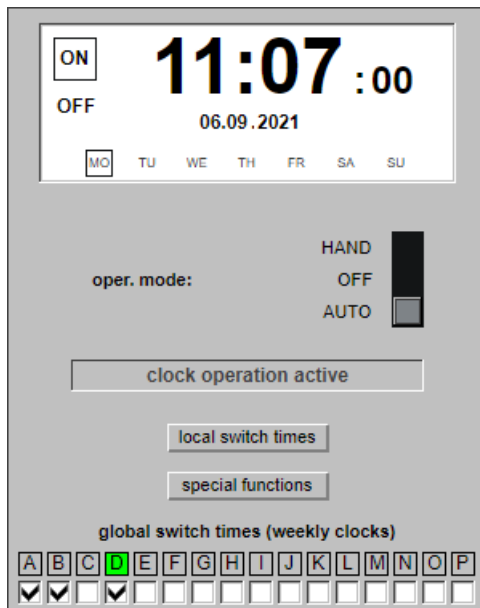
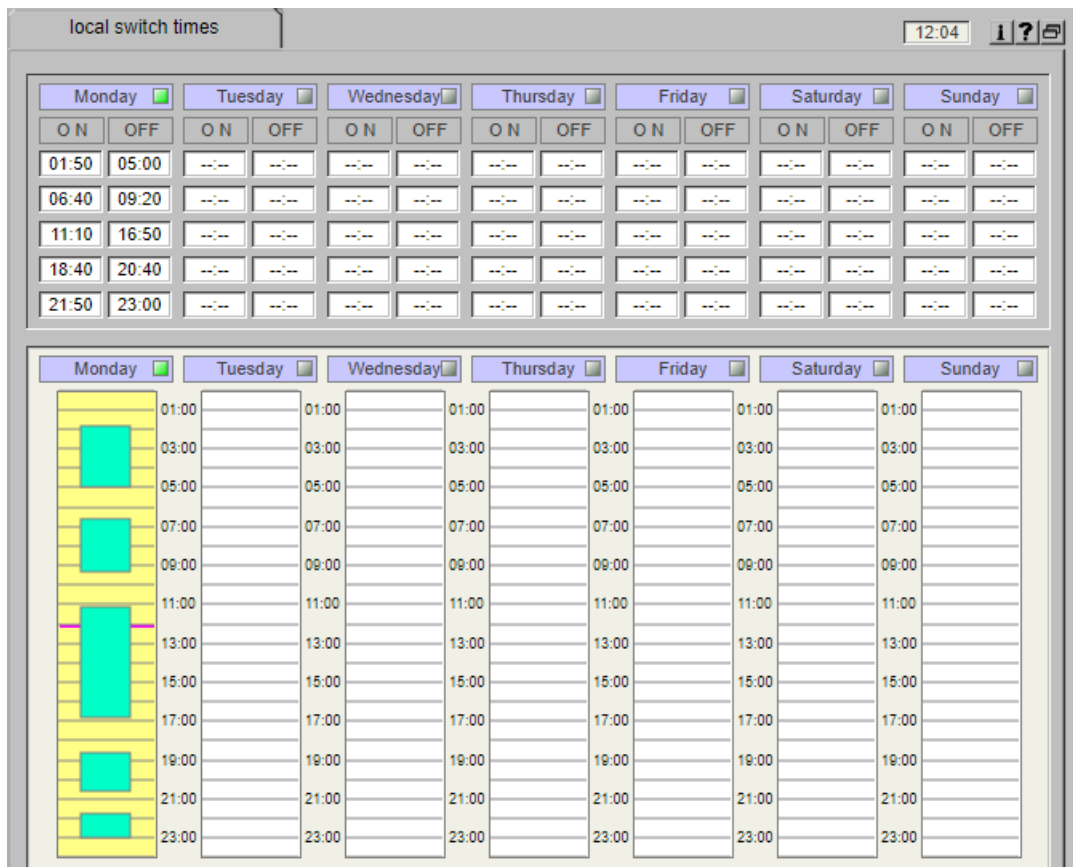


TT211203 – FUP - Local Switch Time

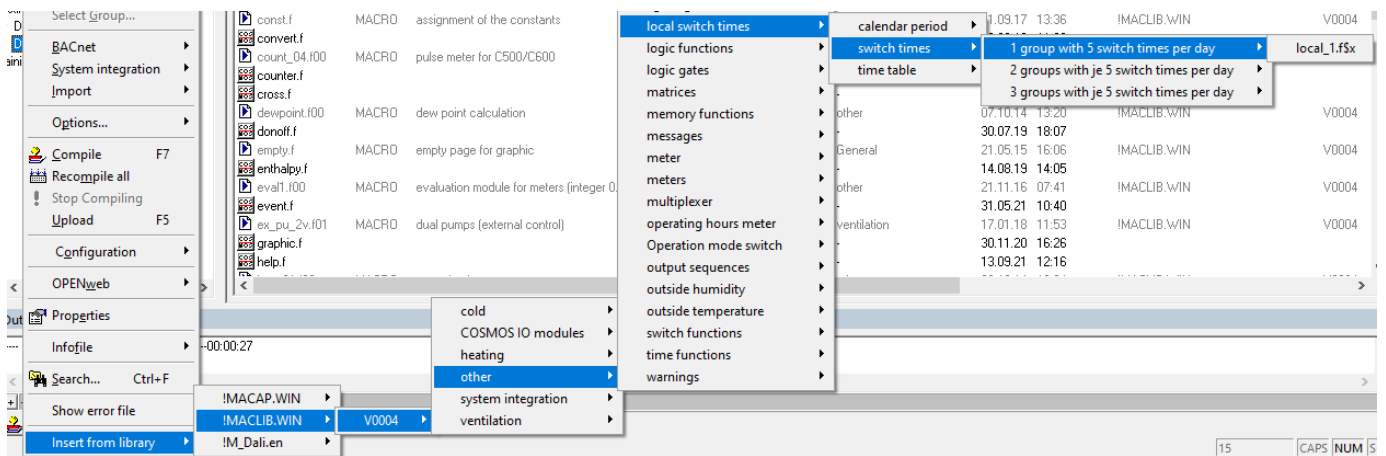
1. In “Global switch Times”, for each “weekly clock”, you can only assign one on/off time for each day. If you need to turn on/off the equipment multiple times in a day, you need to assign multiple “weekly clock”, like below.



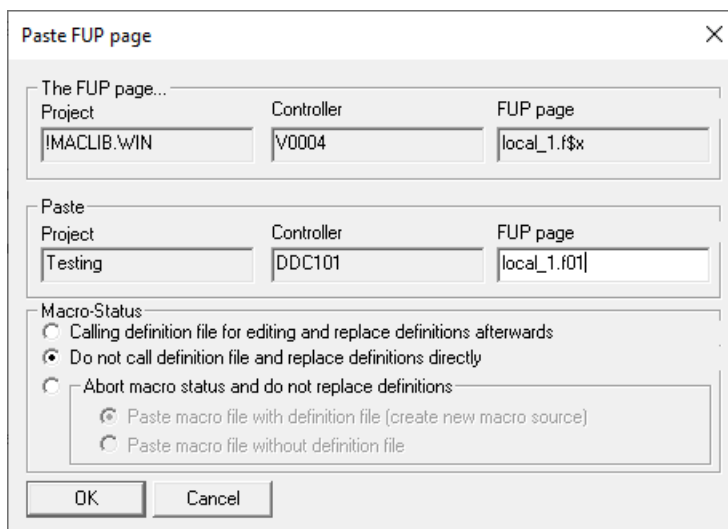
2. This is good if you only control a few equipment in the controller. But if you're controlling a lot of equipment (e.g. the FCT via Modbus), you can consider using the “Local Switch Times” macro. This allows you to start/stop the equipment up to 5 times per day.



3. Right click on the controller, select “Insert from library”, “!MACLIB.WIN”, “V0004” and follow the below path to select the “local_1.f\$x” macro.



4. Select “Do not call definition and replace definitions directly” and click OK to insert the macro to your controller.



5. Now assign this “local switch time” macro to the “free clock timer” macro. Double click on the free clock timer macro “clkfree.f0x”.

Q Filter entry			
Definition	Definition specification	Comment	Hint
5		free clock timer	
6		*****	
7			
8			
9			
10			
11			
12			
13		set FUP page > page header <	
14			
15			
16	def_k	Customer	
17	def_o	other	system identifier
18	def_f	clock timer without additional functions	Functionality
			menu structure in FUP and identification of the
			tooltip of the user menu and text messages

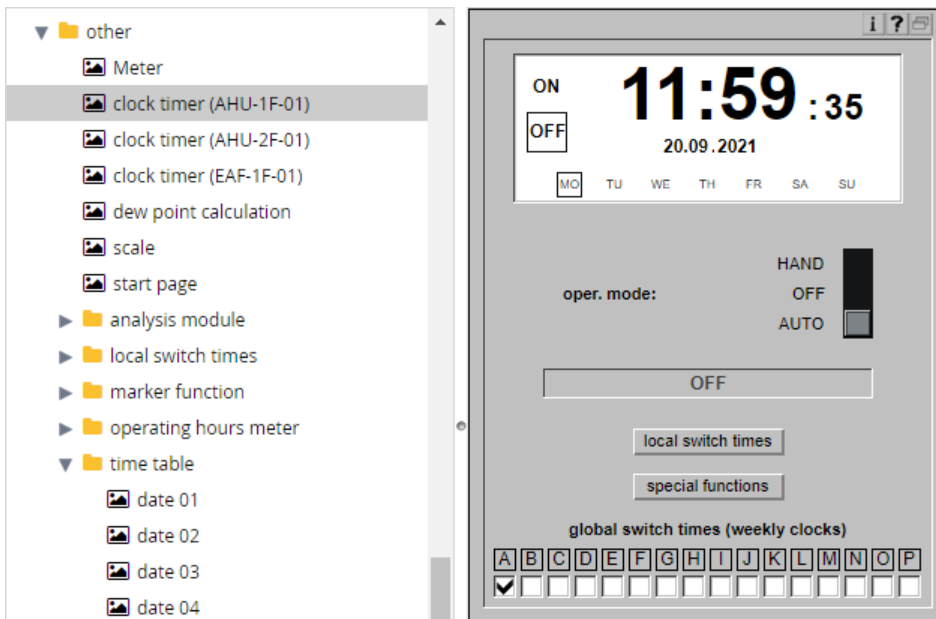
6. Go to line 35, “FUP page local switch time” and link it to your local switch time macro

Definition	Definition specification	Comment
32		set graphic page > dialog calls <
33		
34		
35	def_seite01	local_1.f01:1 "local switch times: local" FUP page local switch time

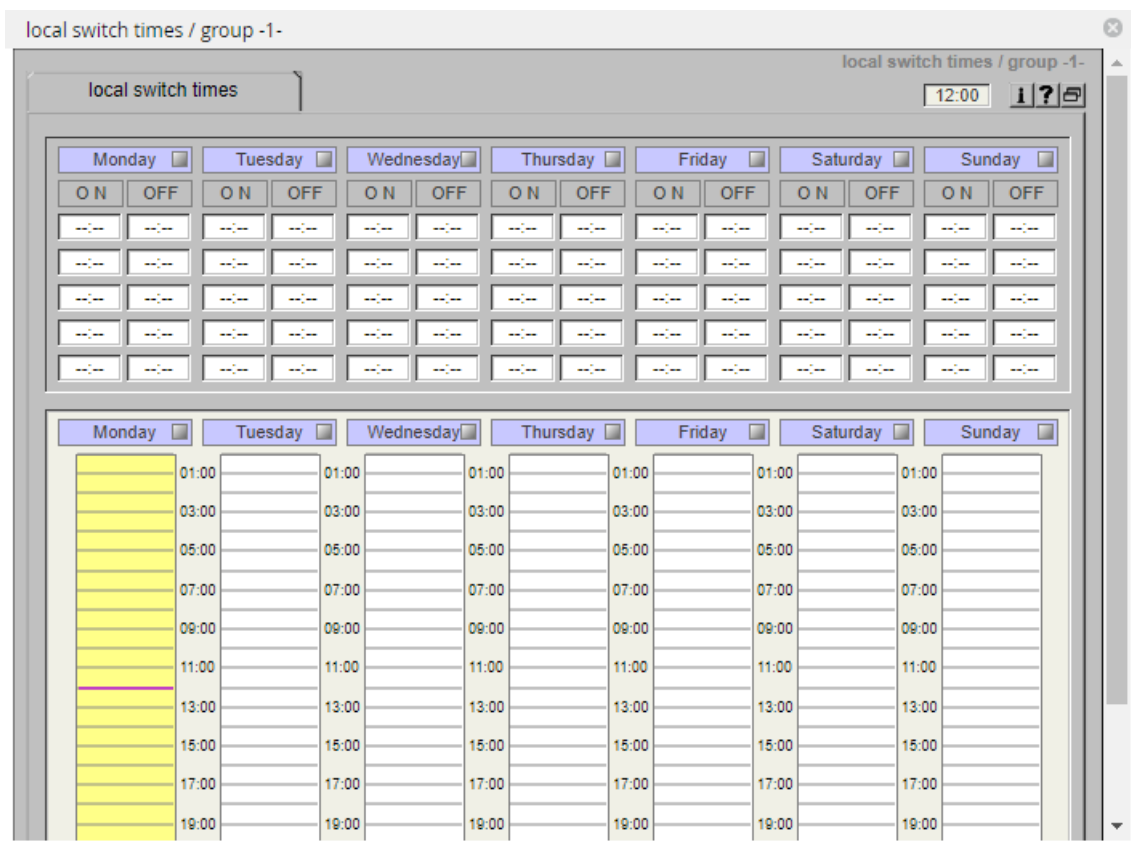
- Go to line 60, “local switch time -ON-“ and link it to the reference “enabling_1” in the local switch time macro.

	Definition	Definition specification	Comment	Hint
56				
57		declare FUP page > cross references < (
58				
59				
60	def_ext01	local_1.f01:enabling_1	<i>"local switch times:"</i> local switch time -ON-	FUP page: LOCAL.F

- Now you’ve finished the settings in FUP, compile it and upload to the controller. Click on the clock timer graphic page in OPENview.



- Unselect (untick) all the global switch times. Click the “local switch times” button and it will popup a window for the local switch time.



10. By default, you should see all the on/off time like below, which are all empty. If it's not, you should do a "preset" of the controller first. If you don't want to "preset" the whole controller, you can follow TT191005 to preset only for the local switch time macro.

Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--
--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--
--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--
--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--
--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--

11. Now set the on/off times by keyboard or mouse. Up to 5 on/off times per day is allowed.

Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
08:00	12:00	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--
13:00	19:00	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--
--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--
--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--
--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--
--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--	--:--

Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
01:00		01:00		01:00		01:00		01:00		01:00		01:00	
03:00		03:00		03:00		03:00		03:00		03:00		03:00	
05:00		05:00		05:00		05:00		05:00		05:00		05:00	
07:00		07:00		07:00		07:00		07:00		07:00		07:00	
09:00		09:00		09:00		09:00		09:00		09:00		09:00	
11:00		11:00		11:00		11:00		11:00		11:00		11:00	
13:00		13:00		13:00		13:00		13:00		13:00		13:00	
15:00		15:00		15:00		15:00		15:00		15:00		15:00	
17:00		17:00		17:00		17:00		17:00		17:00		17:00	
19:00		19:00		19:00		19:00		19:00		19:00		19:00	
21:00		21:00		21:00		21:00		21:00		21:00		21:00	
23:00		23:00		23:00		23:00		23:00		23:00		23:00	

12. Now the equipment will turn on based on the local switch time. You can see the green border when it is turn on by the local switch time (like below).

ON

OFF

13:17:17

20.09.2021

MO TU WE TH FR SA SU

oper. mode:

HAND

OFF

AUTO

clock operation active

local switch times

special functions

global switch times (weekly clocks)

A B C D E F G H I J K L M N O P

13. You can add multiple “local switch time” macros in a controller, so now you can control as many equipment as you like with different “local switch time”, and each equipment can turn on/off for up to 5 times per day.
14. You can also assign one “local switch time” macro to multiple “free clock timer” macro, and therefore they will start/stop as the same time according to a single “local switch time”.
15. You can also assign the “local switch time” graphic to your custom graphic page, so you don’t need to access it via the “free clock timer” graphic.

