Manuel de programmation avec ETS

Room Controller

KALAYTEK
AUTOMATISATION INTELLIGENTE

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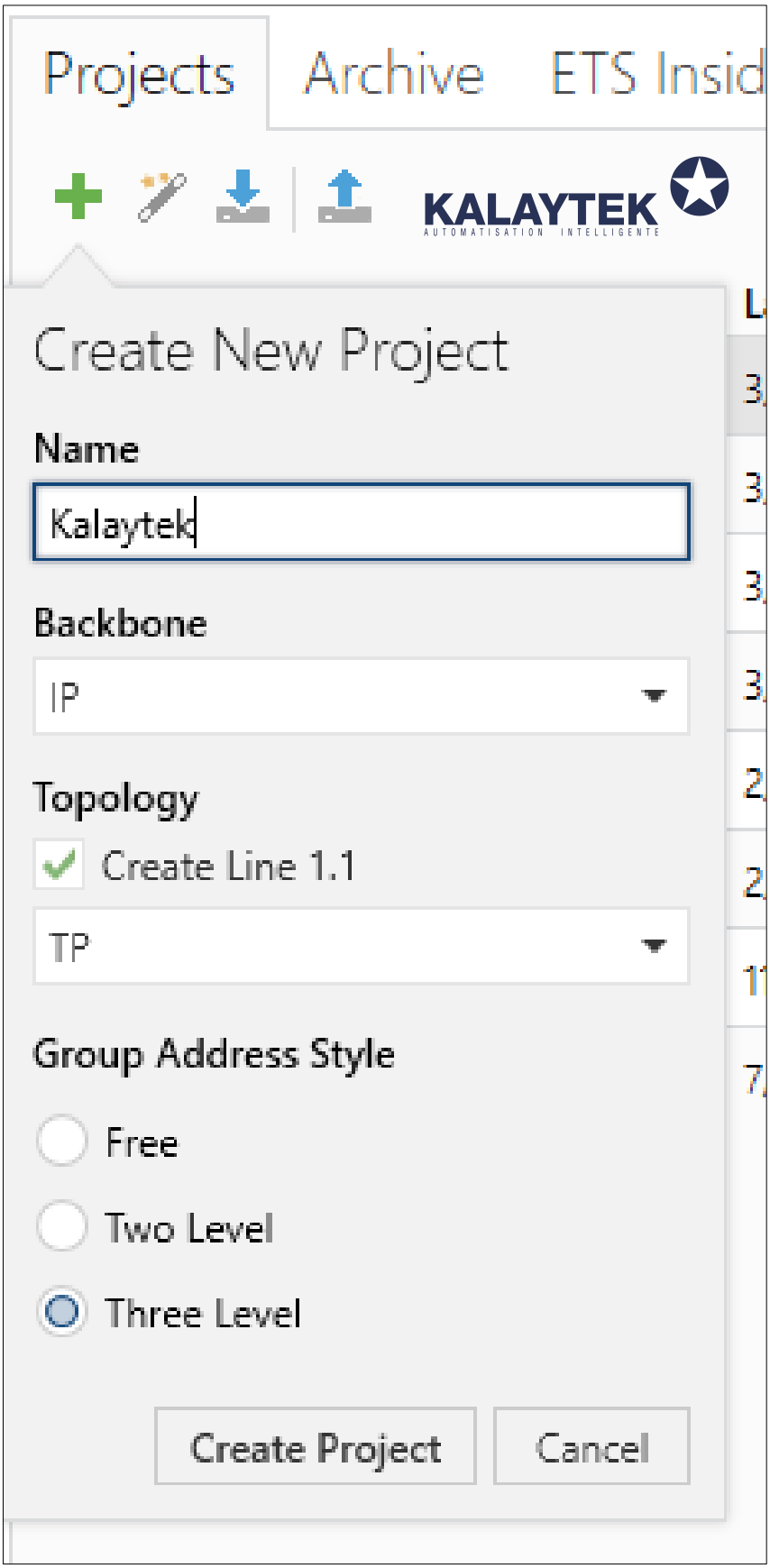
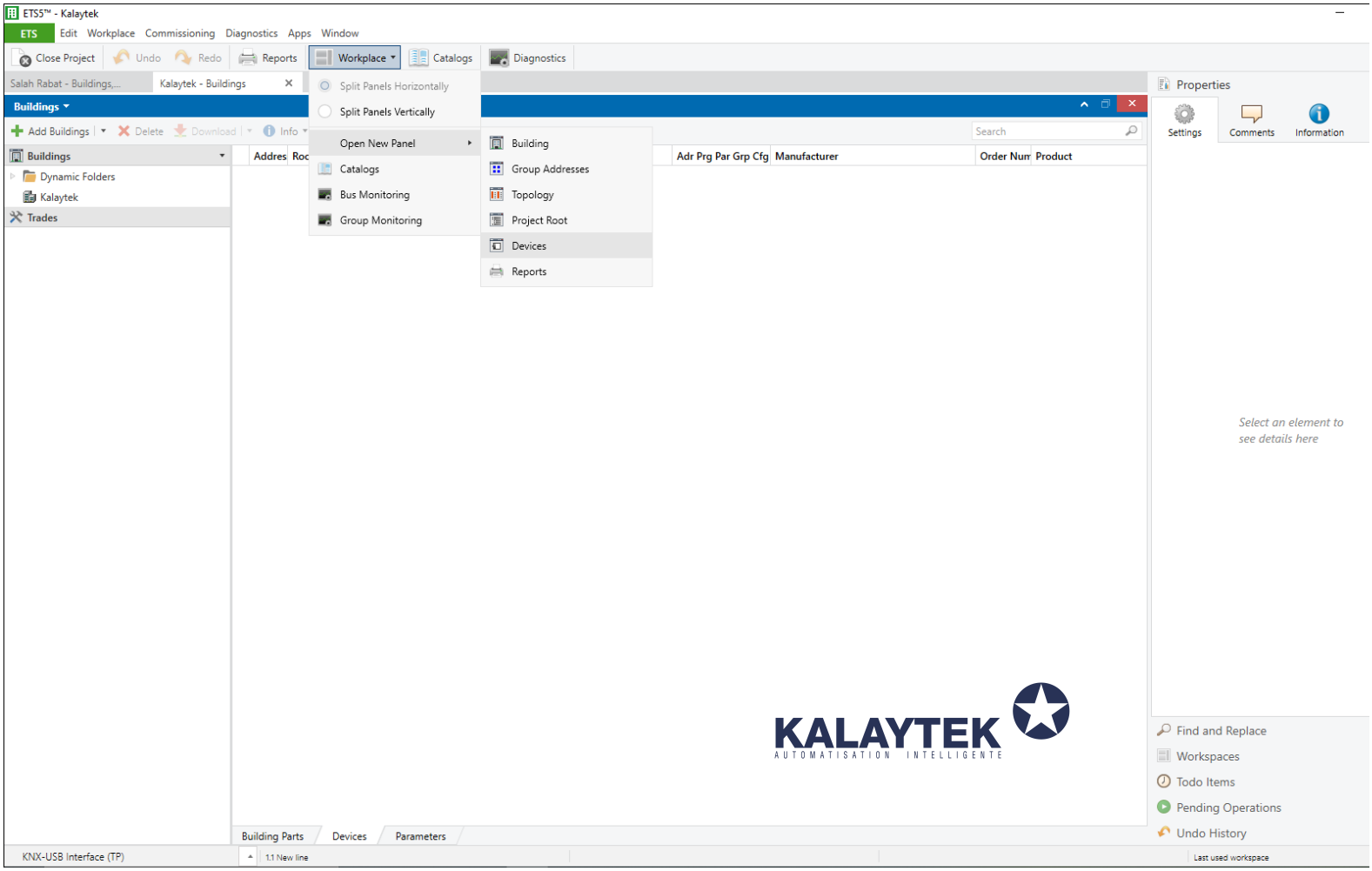
Room Controller (CHAUFFAGE HEATING)

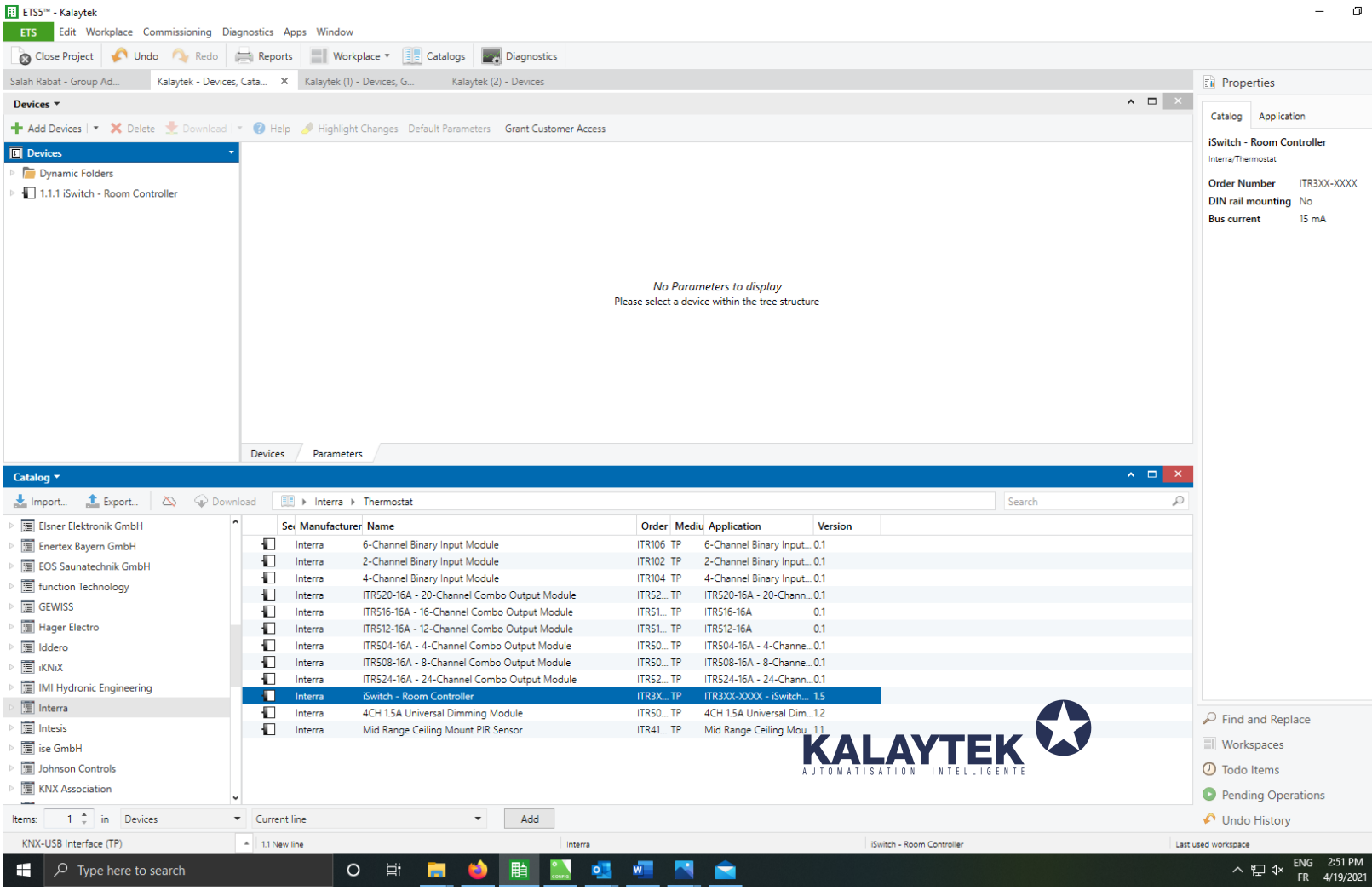
Ouvrez le logiciel ETS et cliquez sur l'icône + pour créer votre projet.



Cette fenêtre d'interface apparaîtra, après allez sur workplace ---> Open new panel ---> Devices

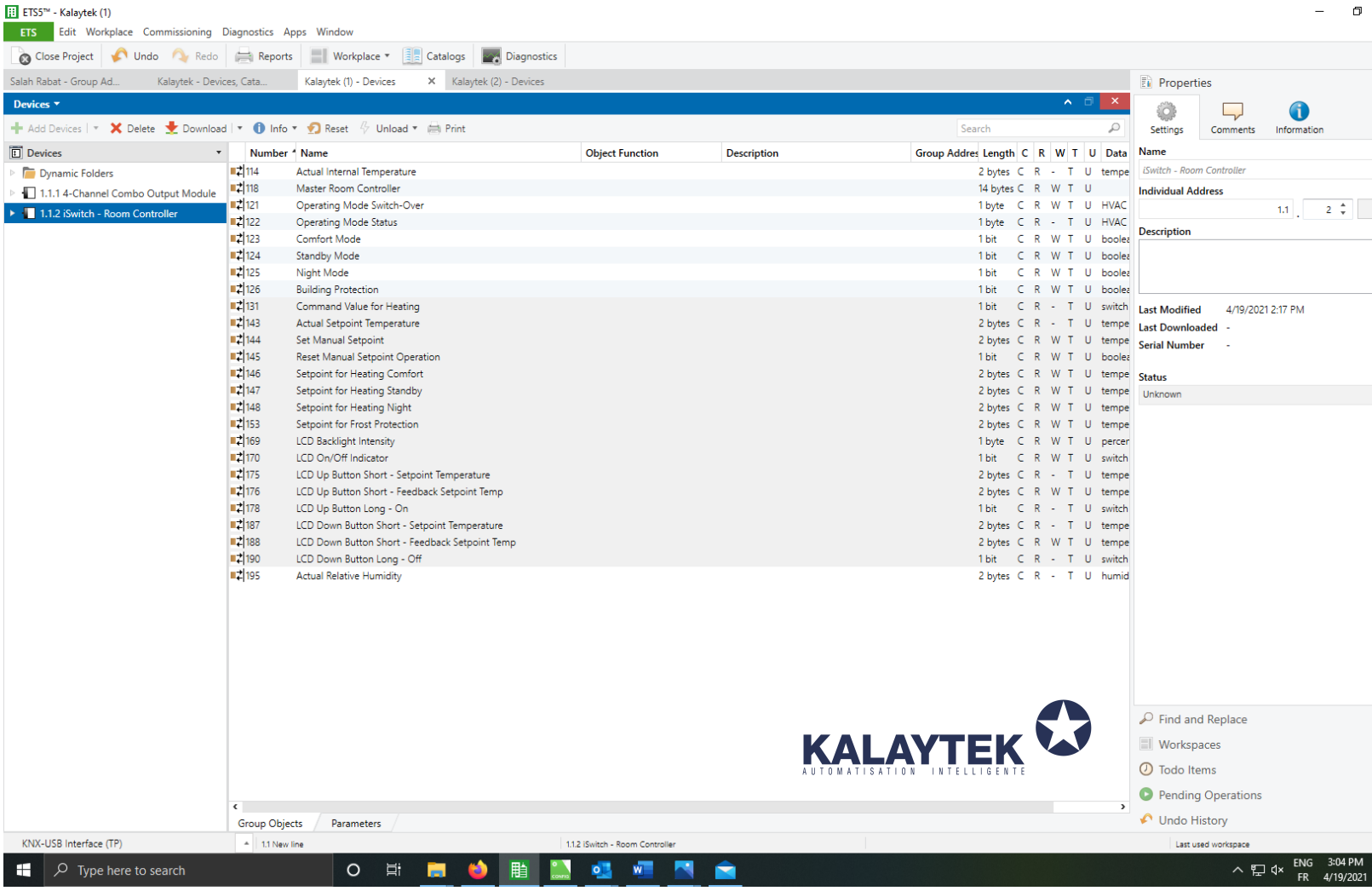


Une fenêtre d'adresses de groupe apparaît.

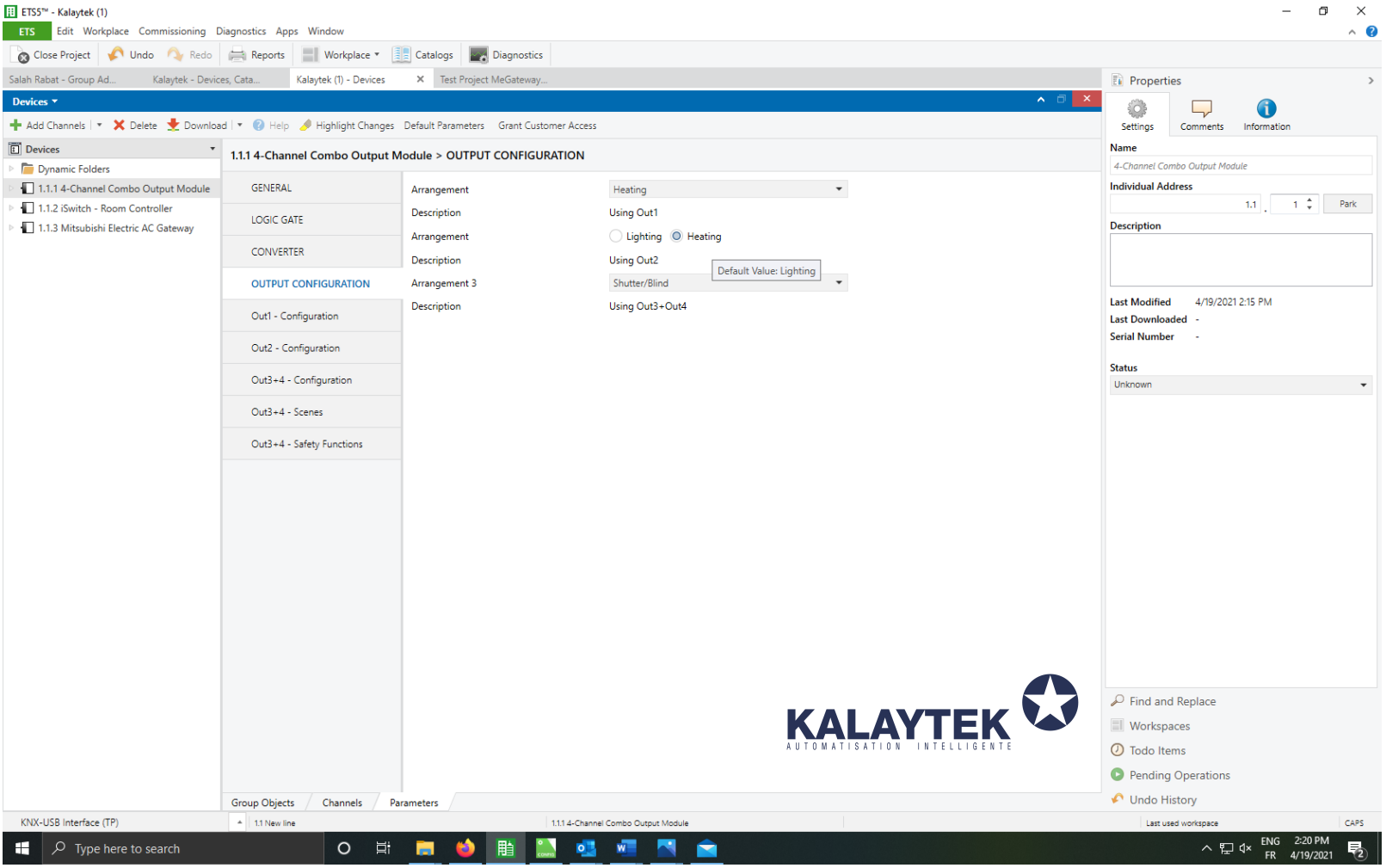


On va ajouter iSwitch – Room Controller

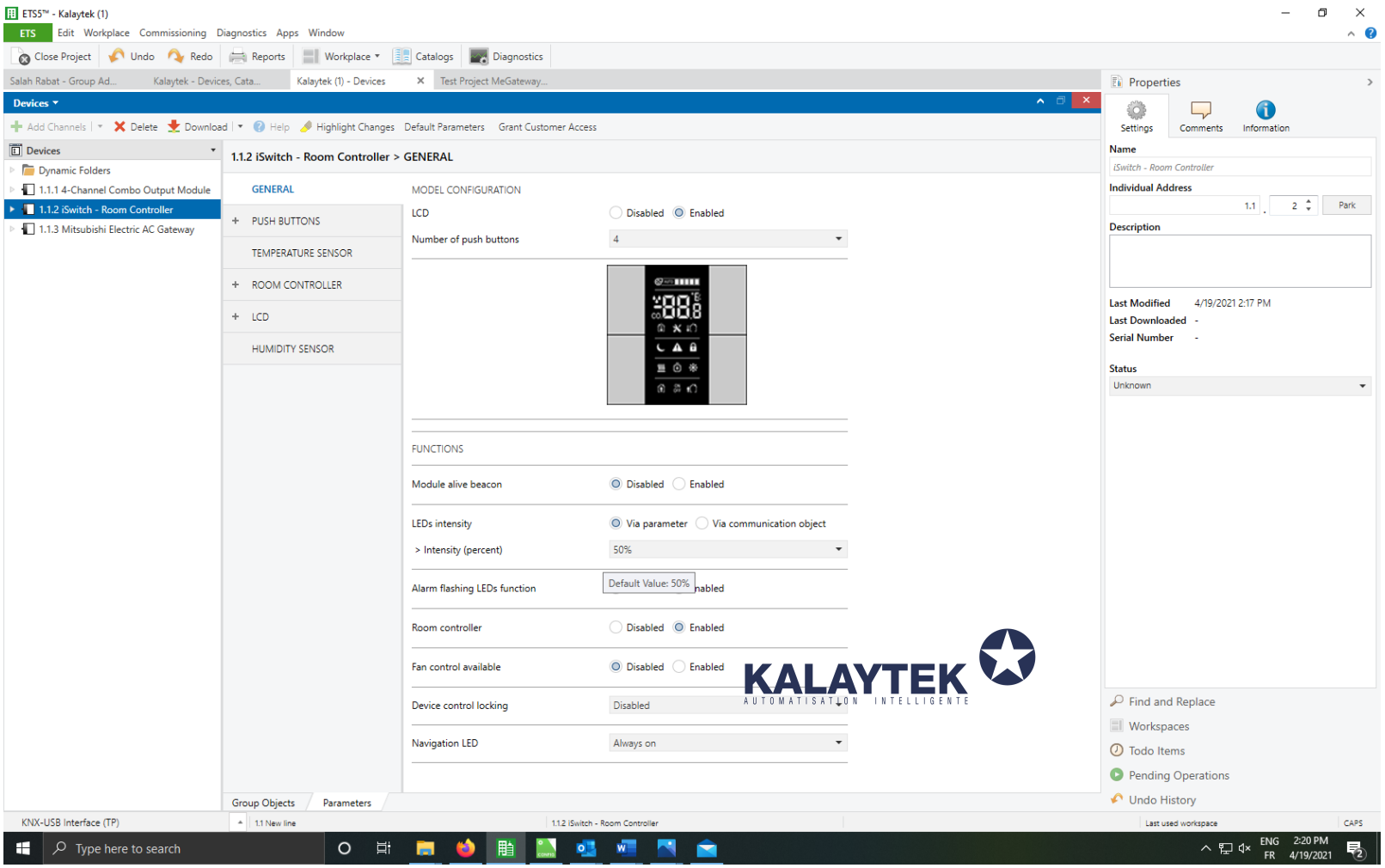
Et combo de 4 channels


ETS5™ - Kalaytek (1)
ETS
Edit Workplace Commissioning Diagnostics Apps Window
Close Project Undo Redo Reports Workplace Catalogs Diagnostics
Salah Rabat - Group Ad...
Kalaytek - Devices, Cata...
Kalaytek (1) - Devices
Kalaytek (2) - Devices
Devices
Add Devices Delete Download Info Reset Unload Print
Search
Devices
Dynamic Folders
1.1.1 4-Channel Combo Output Module
1.1.2 iSwitch - Room Controller
Number Name Object Function Description Group Addres Length C R W T U Data
114 Actual Internal Temperature 2 bytes C R - T U tempe
118 Master Room Controller 14 bytes C R W T U
121 Operating Mode Switch-Over 1 byte C R W T U HVAC
122 Operating Mode Status 1 byte C R - T U HVAC
123 Comfort Mode 1 bit C R W T U boole
124 Standby Mode 1 bit C R W T U boole
125 Night Mode 1 bit C R W T U boole
126 Building Protection 1 bit C R W T U boole
131 Command Value for Heating 1 bit C R - T U switch
143 Actual Setpoint Temperature 2 bytes C R - T U tempe
144 Set Manual Setpoint 2 bytes C R W T U tempe
145 Reset Manual Setpoint Operation 1 bit C R W T U boole
146 Setpoint for Heating Comfort 2 bytes C R W T U tempe
147 Setpoint for Heating Standby 2 bytes C R W T U tempe
148 Setpoint for Heating Night 2 bytes C R W T U tempe
153 Setpoint for Frost Protection 2 bytes C R W T U tempe
169 LCD Backlight Intensity 1 byte C R W T U percer
170 LCD On/Off Indicator 1 bit C R W T U switch
175 LCD Up Button Short - Setpoint Temperature 2 bytes C R - T U tempe
176 LCD Up Button Short - Feedback Setpoint Temp 2 bytes C R W T U tempe
178 LCD Up Button Long - On 1 bit C R - T U switch
187 LCD Down Button Short - Setpoint Temperature 2 bytes C R - T U tempe
188 LCD Down Button Short - Feedback Setpoint Temp 2 bytes C R W T U tempe
190 LCD Down Button Long - Off 1 bit C R - T U switch
195 Actual Relative Humidity 2 bytes C R - T U humid
KALAYTEK
AUTOMATISATION INTELLIGENTE
Group Objects Parameters
Properties
Settings Comments Information
Name
iSwitch - Room Controller
Individual Address
1.1 . 2
Description
Last Modified 4/19/2021 2:17 PM
Last Downloaded -
Serial Number -
Status
Unknown
Find and Replace
Workspaces
Todo Items
Pending Operations
Undo History
KNX-USB Interface (TP)
1.1 New line
1.1.2 iSwitch - Room Controller
Last used workspace
Type here to search
ENG FR
3:04 PM 4/19/2021

Puis on va changer des paramètres Pour ce faire,cliquez sur parameters → OUTPUT CONFIGURATION → Selectionnez heating



Puis on va changer des paramètres de iSwitch (on va ajouter iSwitch de 4 button avec LCD)

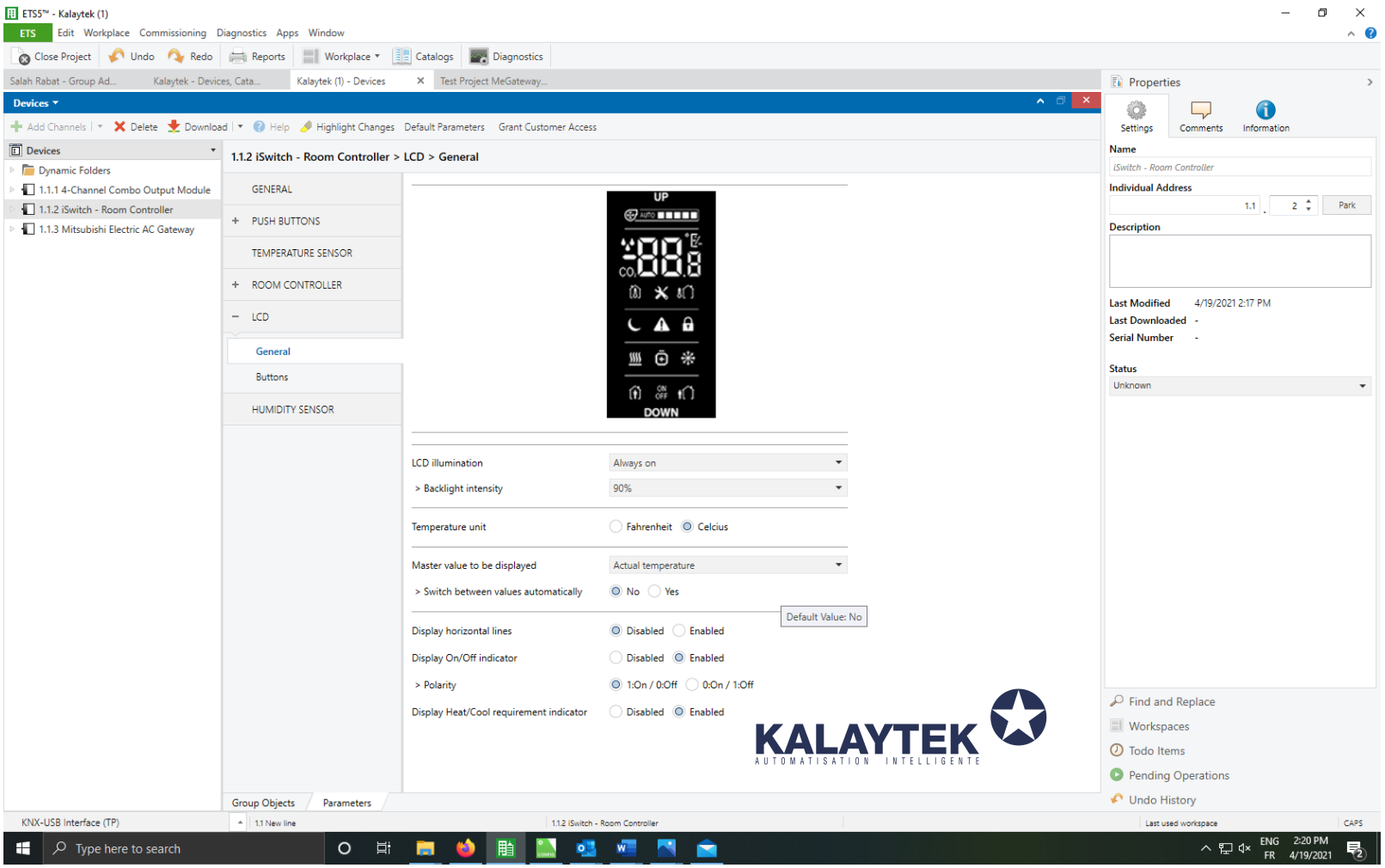


Cliquez sur GENERAL

LCD → ENABLED

Room Controller → Enabled

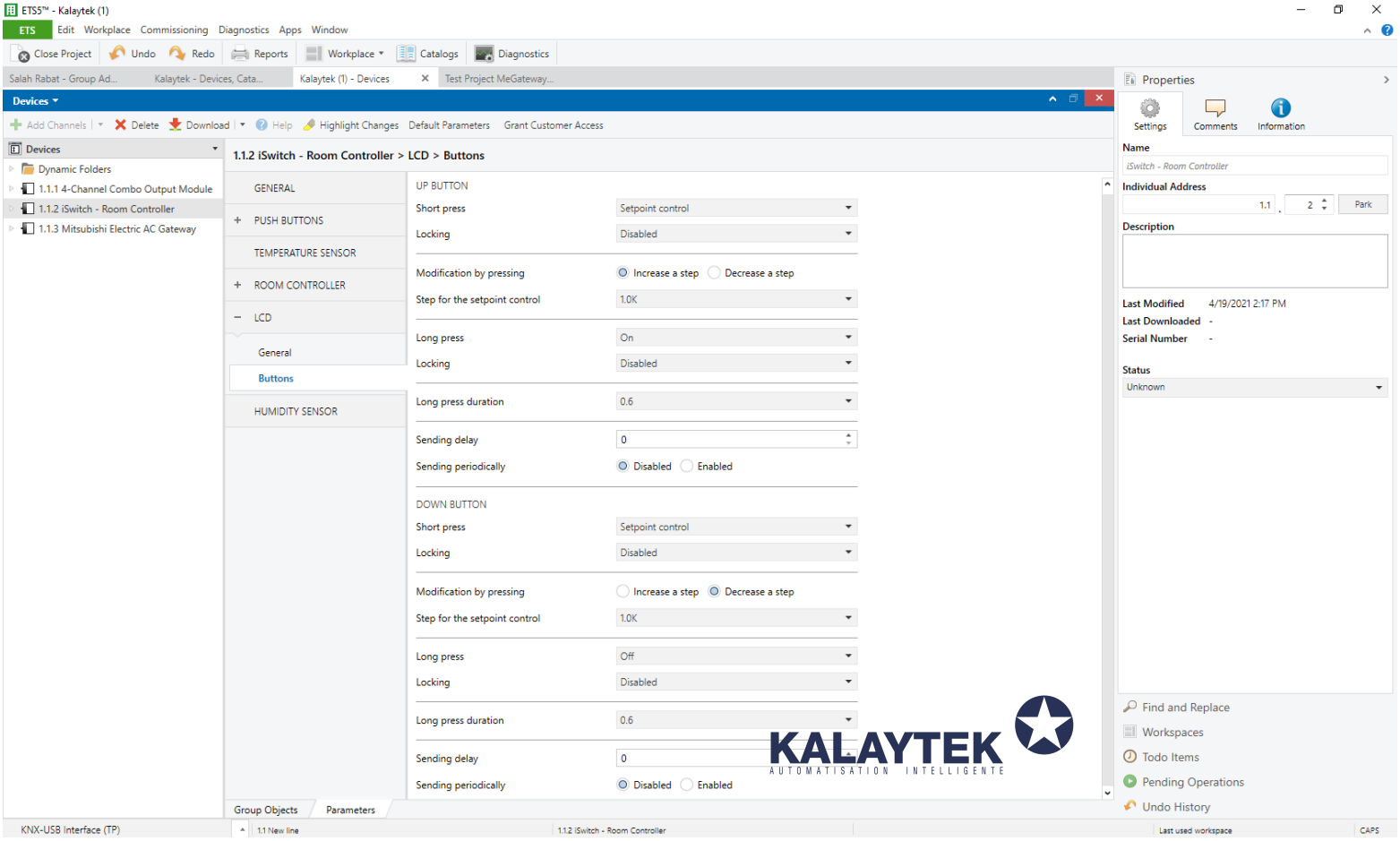
Puis cliquez sur LCD →General



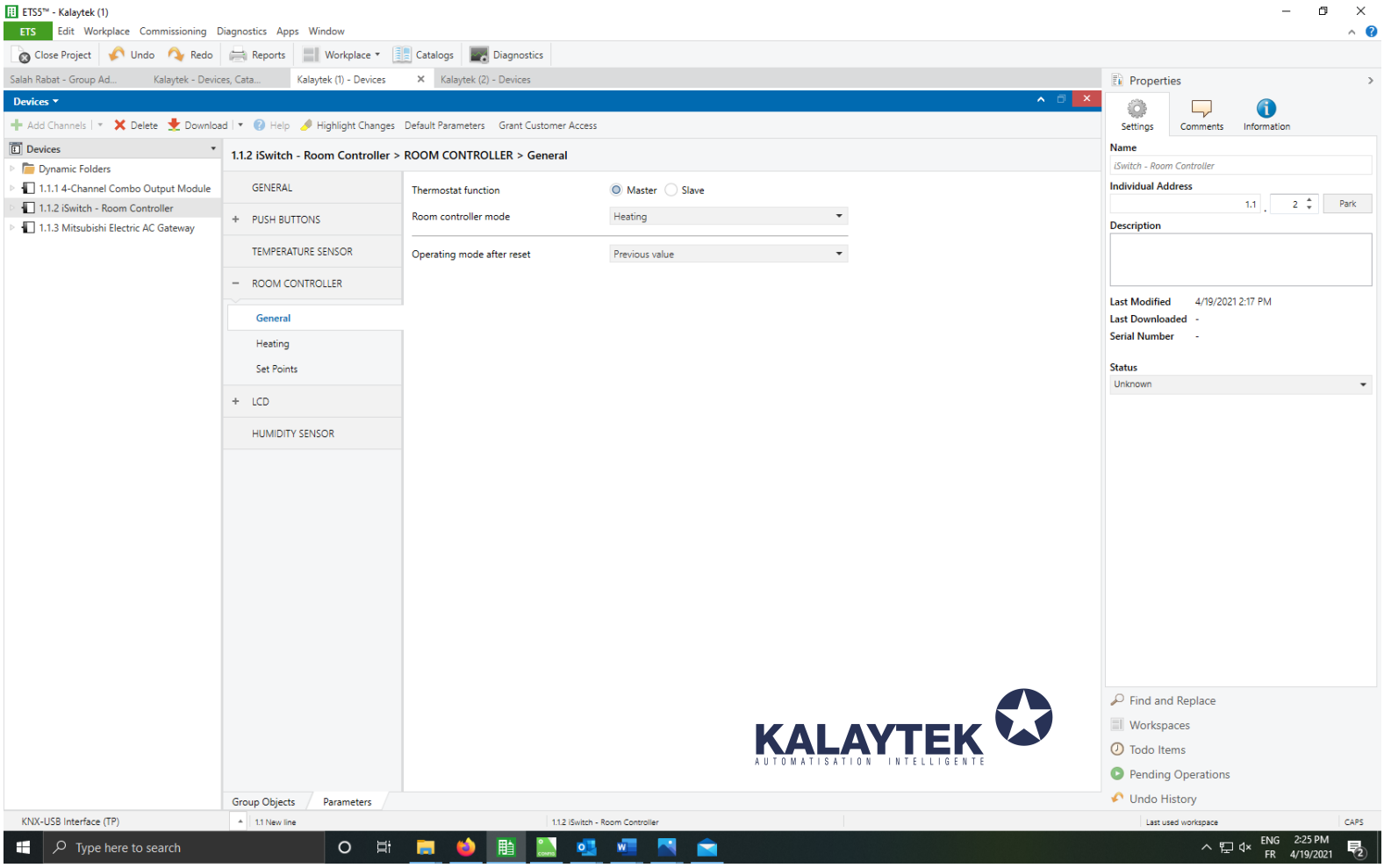
Display On/Off indicator → Enabled

Display Heat/Cool requirement indicator → Enabled

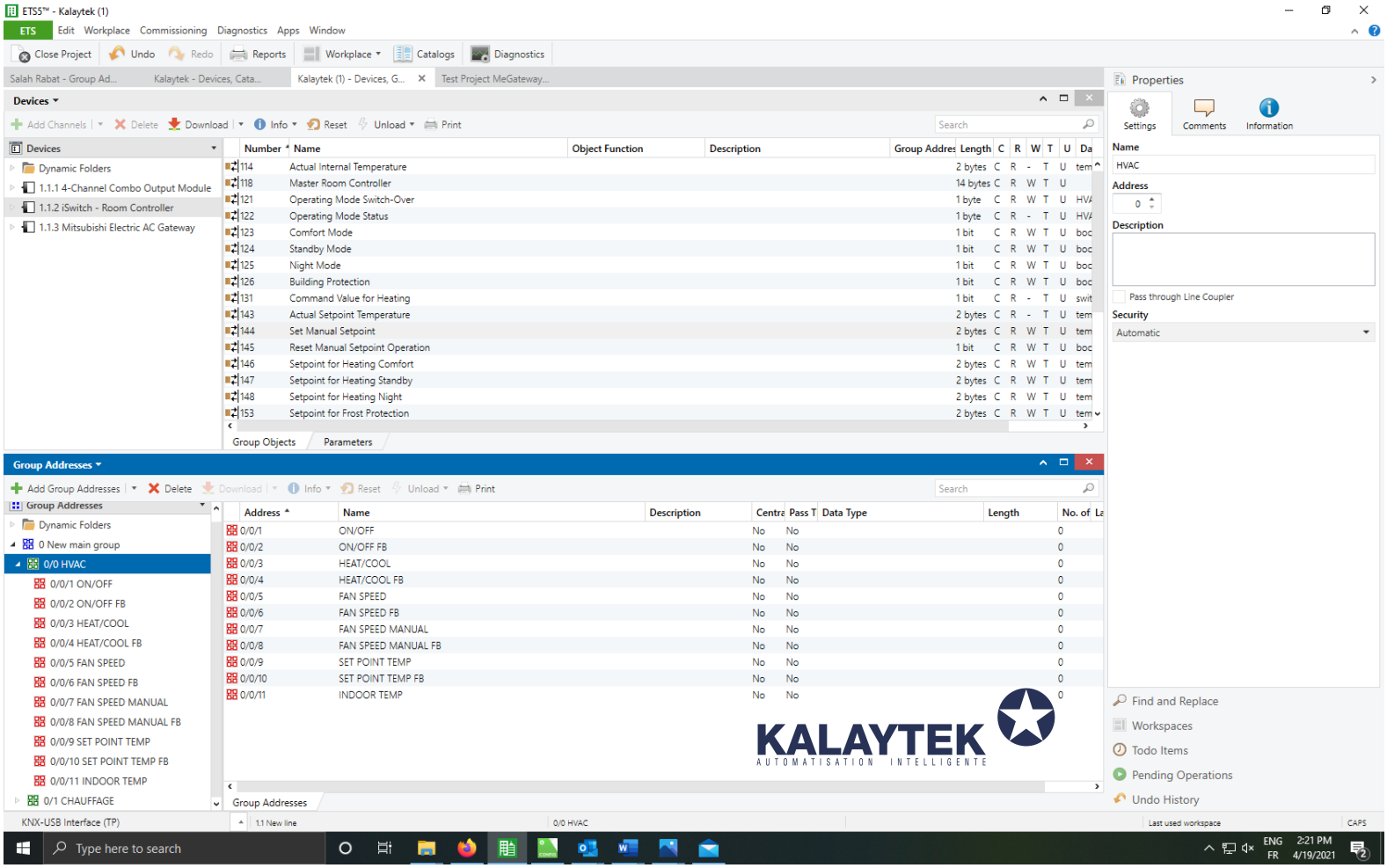
Puis on va changer les Buttons



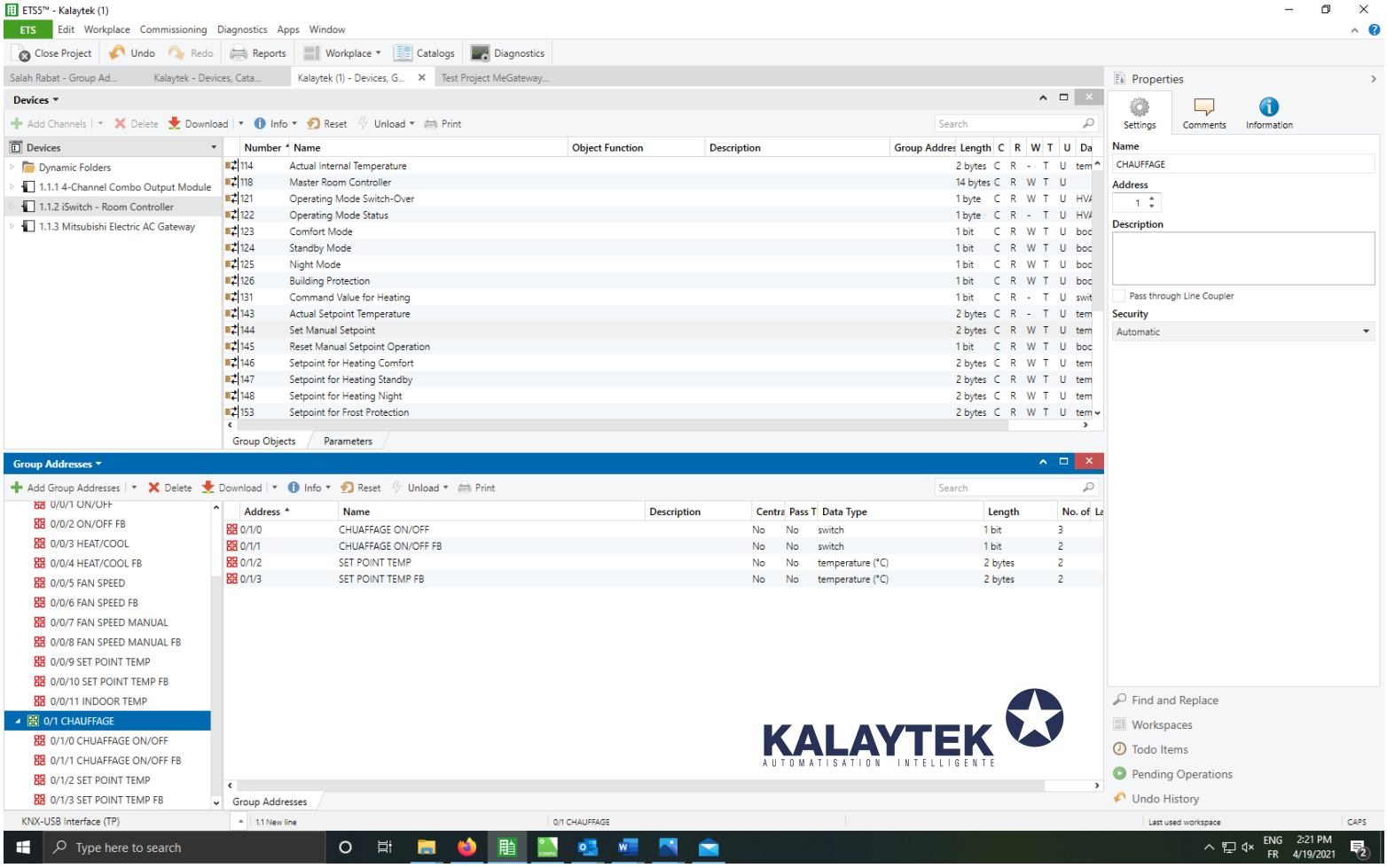
Room Controller Mode →Heating .



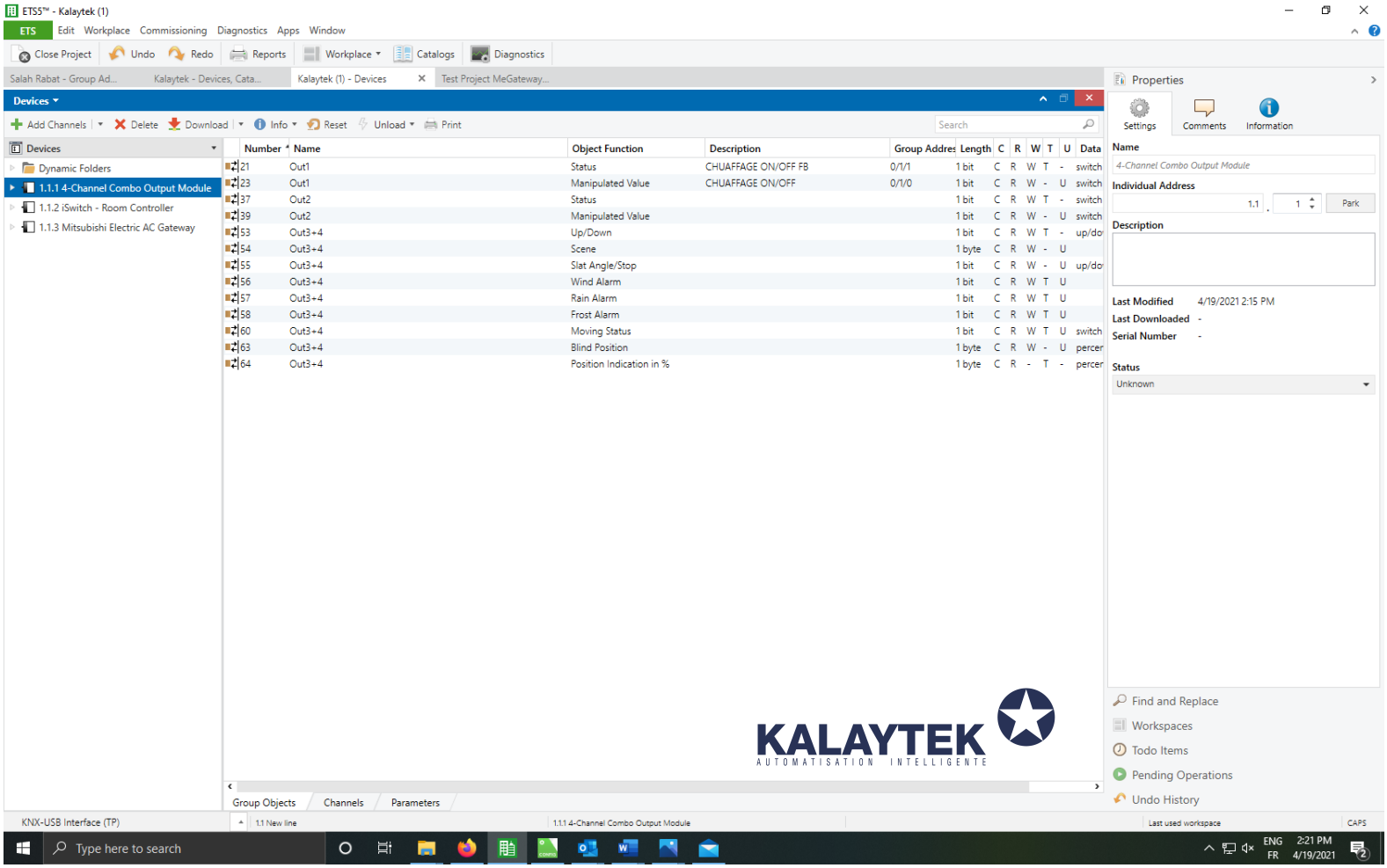
Voici les adresses de groupe d’HVAC



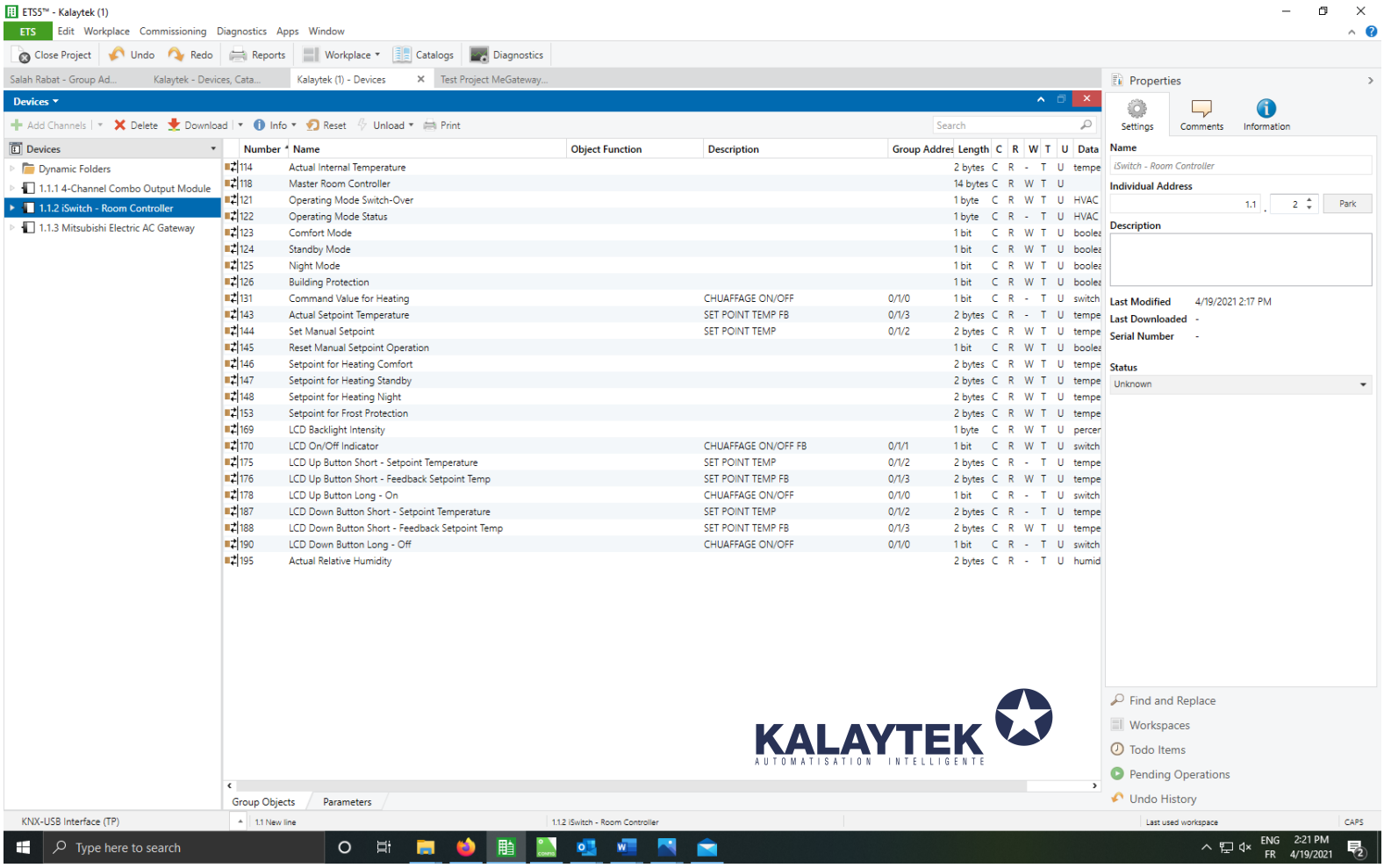
Voici les adresses de groupe de CHAUFFAGE



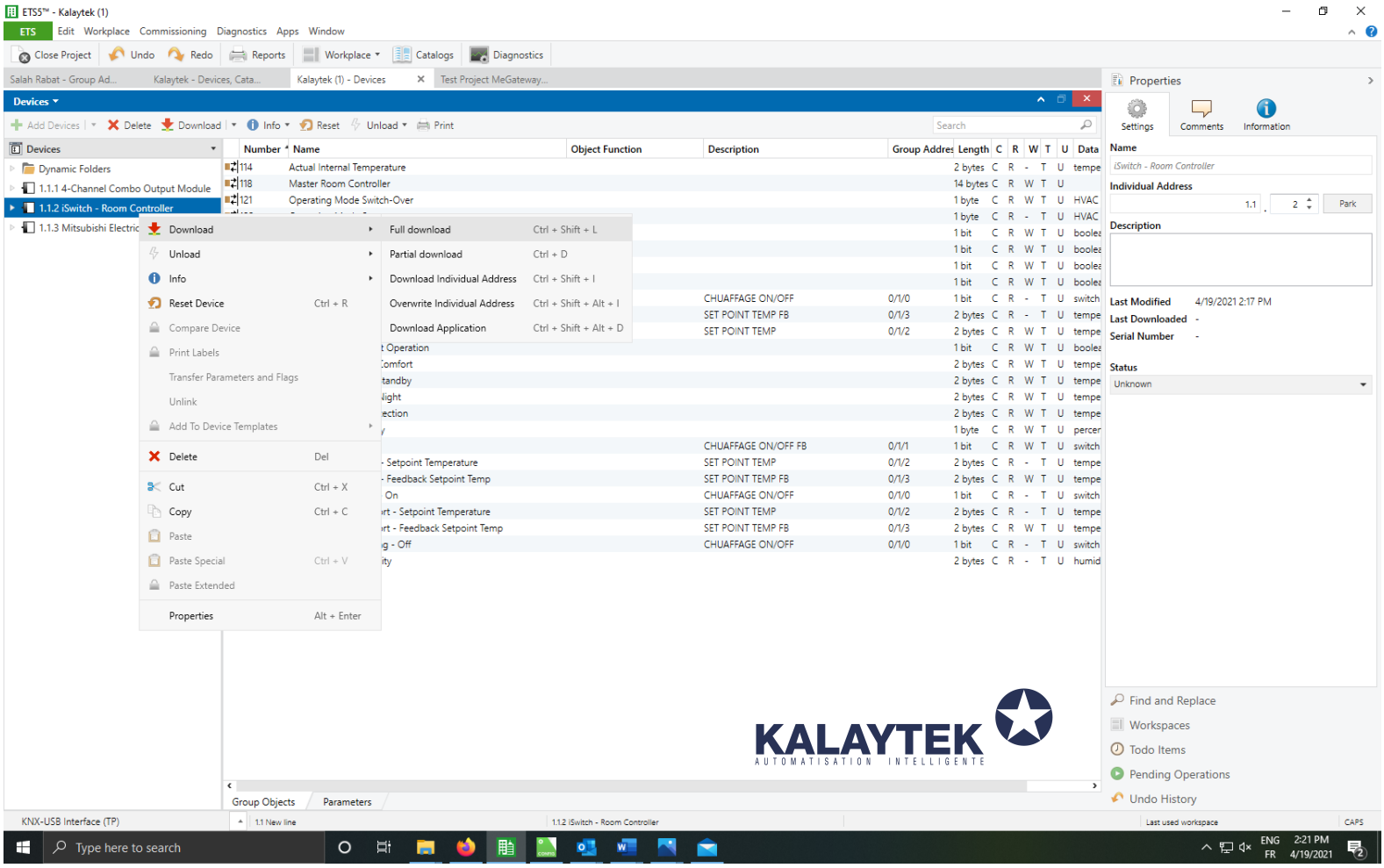
Nous faisons glisser les adresses dans objet de groupe (combo).



Et glisser les adresses dans objet de groupe (iSwitch).



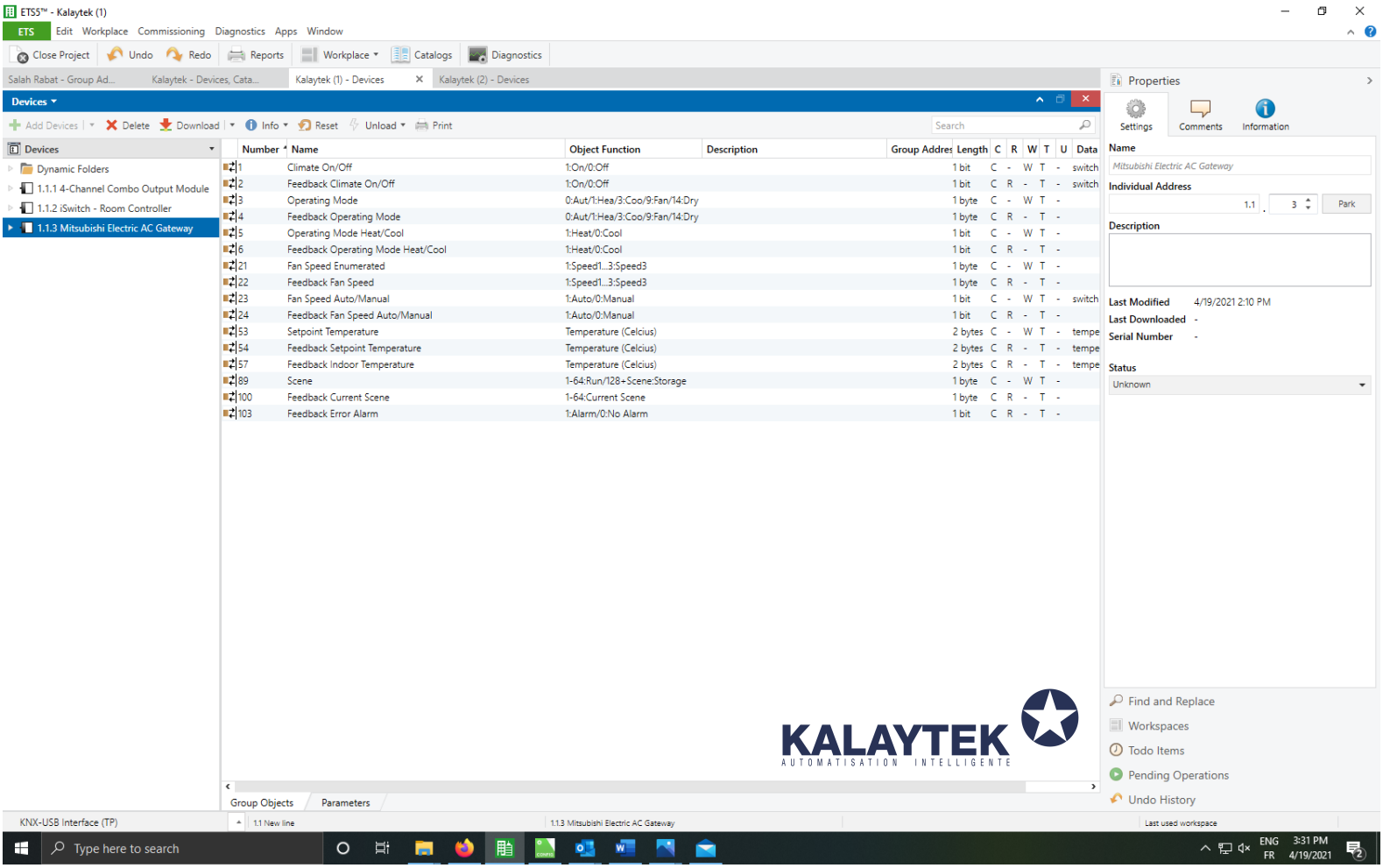
Maintenant, nous allons envoyer le programme à l'appareil.



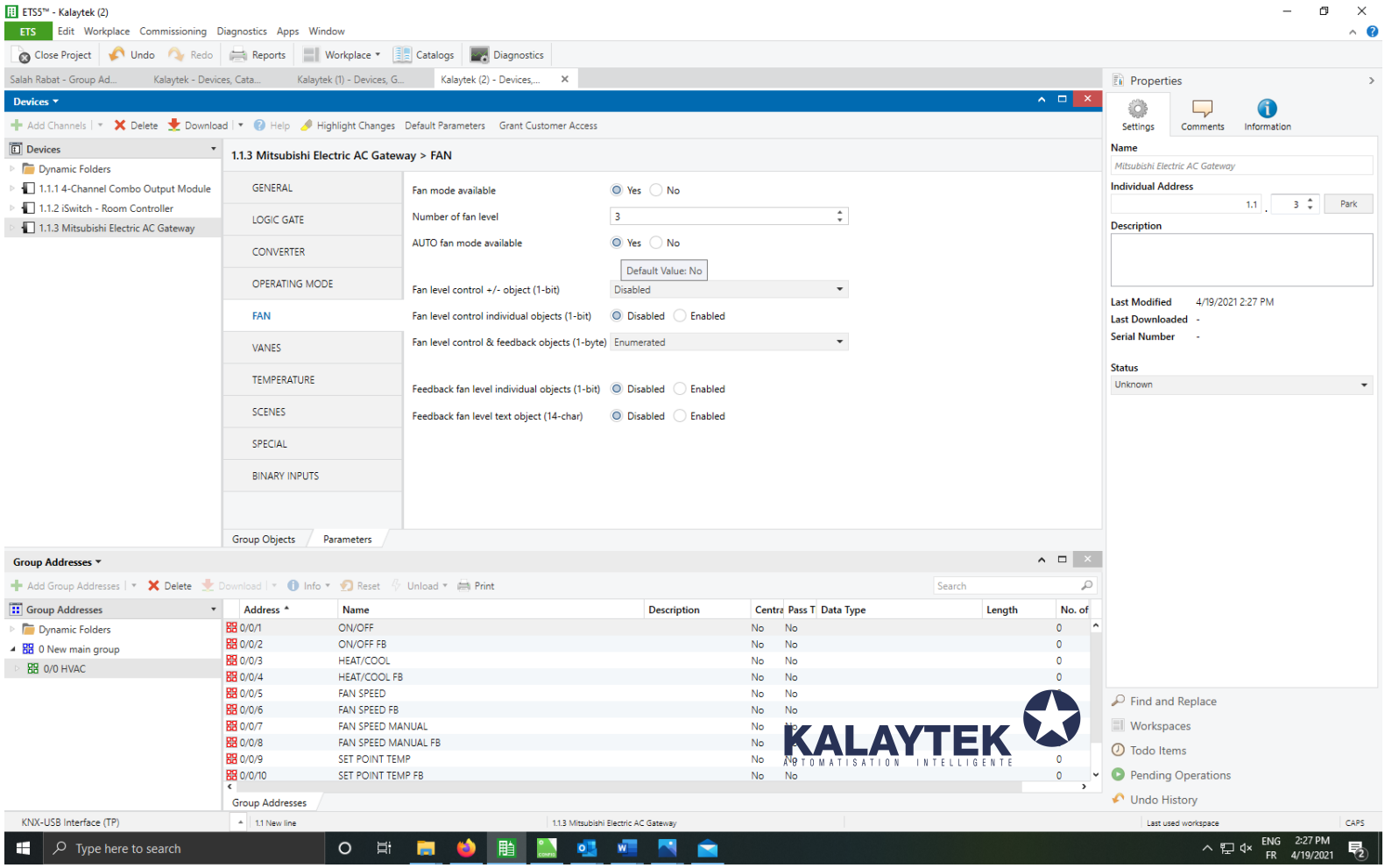
Un appareil pour envoyer le programme est requis (comme KNX USB interface).

Room Controller HEAT AND COOL AUTO

Ajoutez votre passerelle (dans notre cas on va ajouter une passerelle de Mitsubishi)

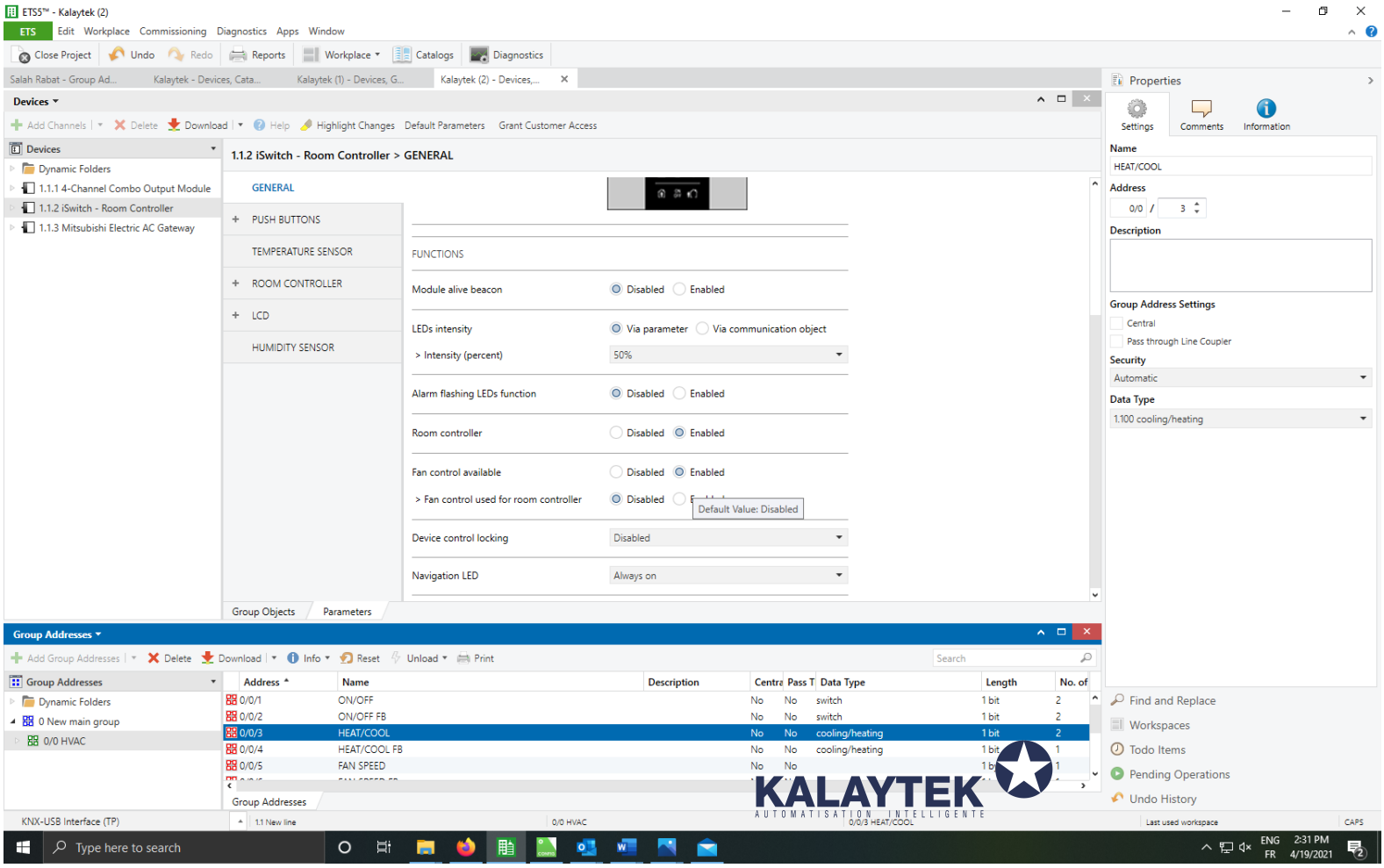


Cliquez sur parametres →Fan

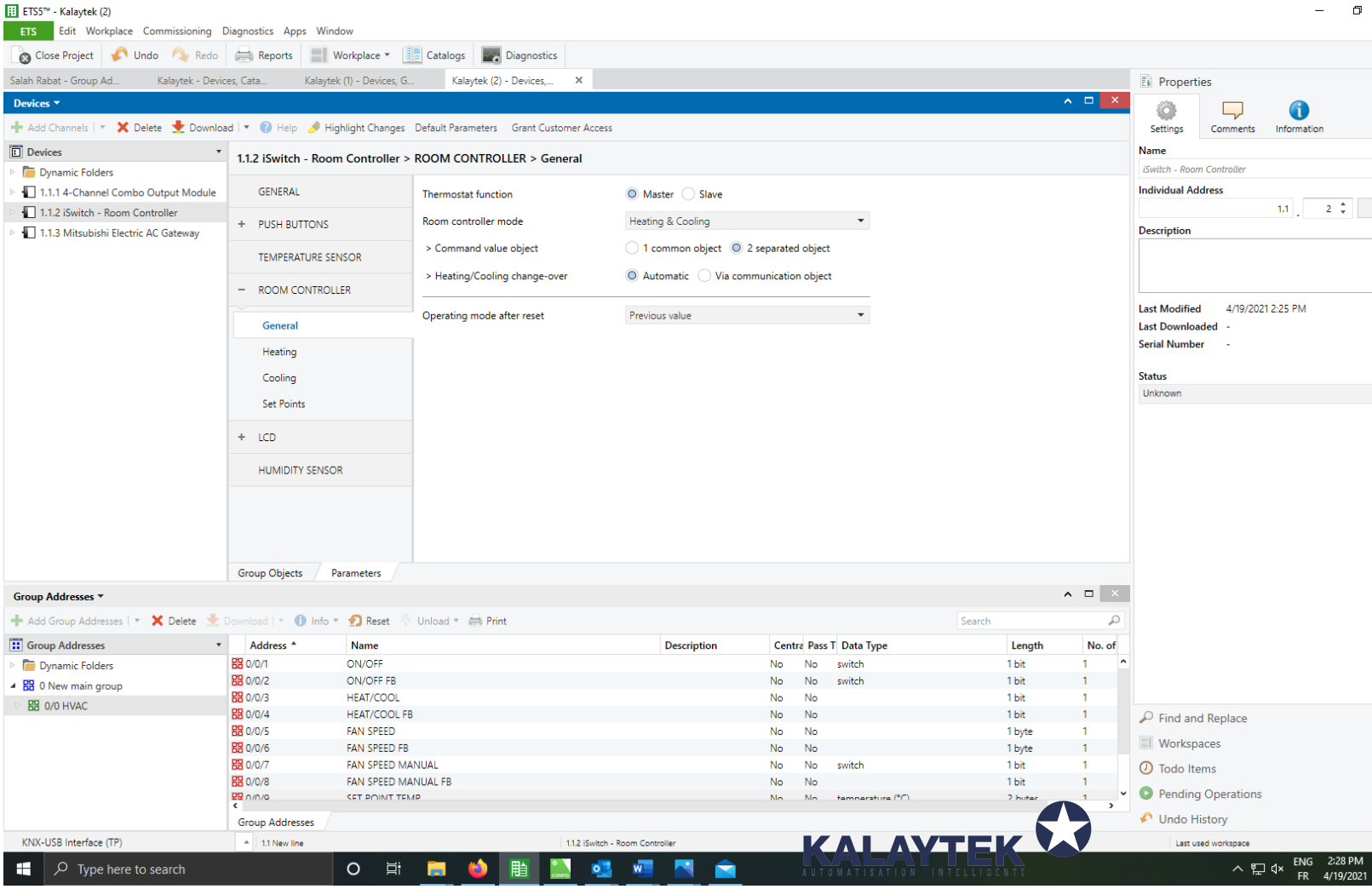


Auto fan mode available → YES

On va changer les parametres d’iSwitch

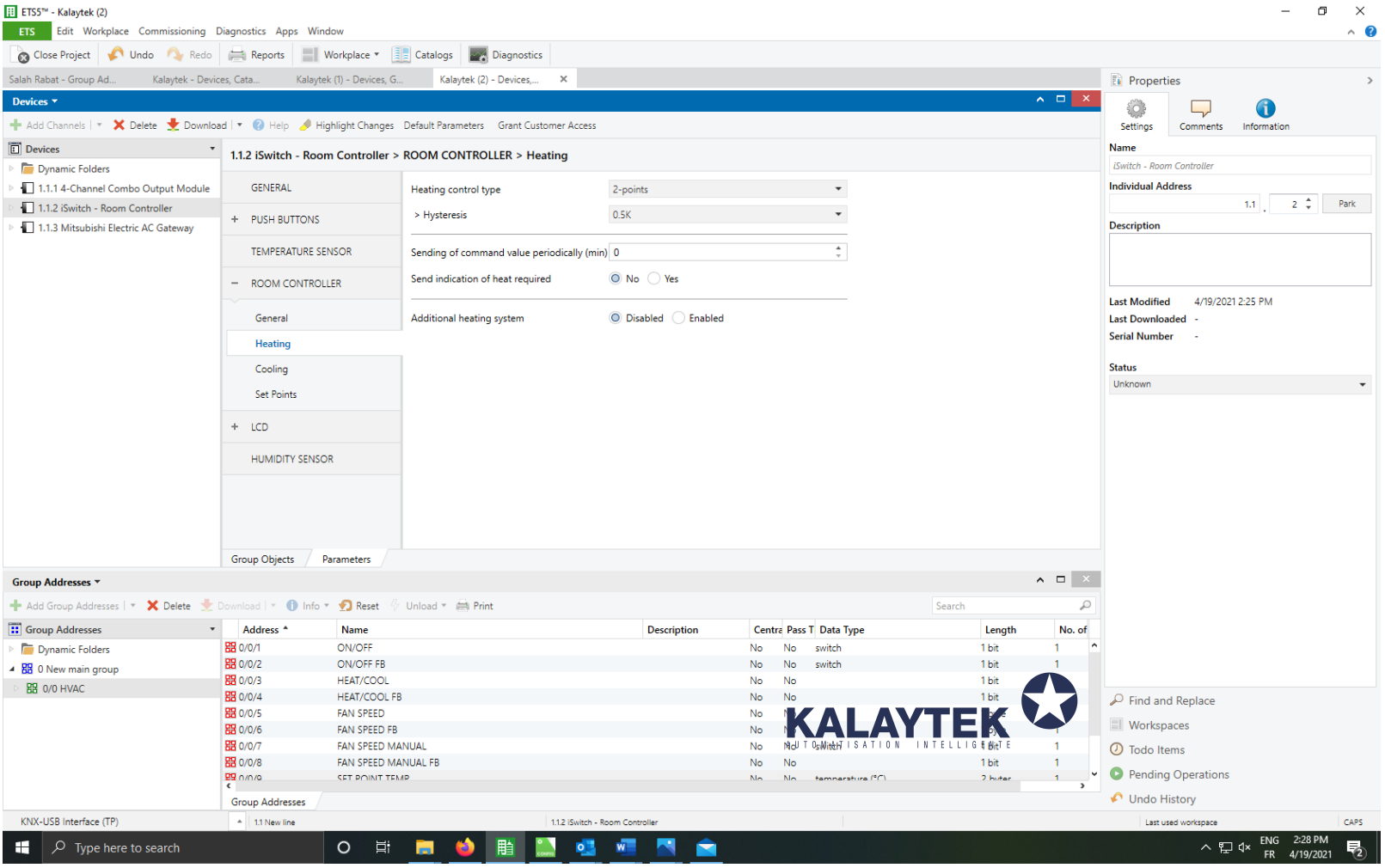


Room controller→General

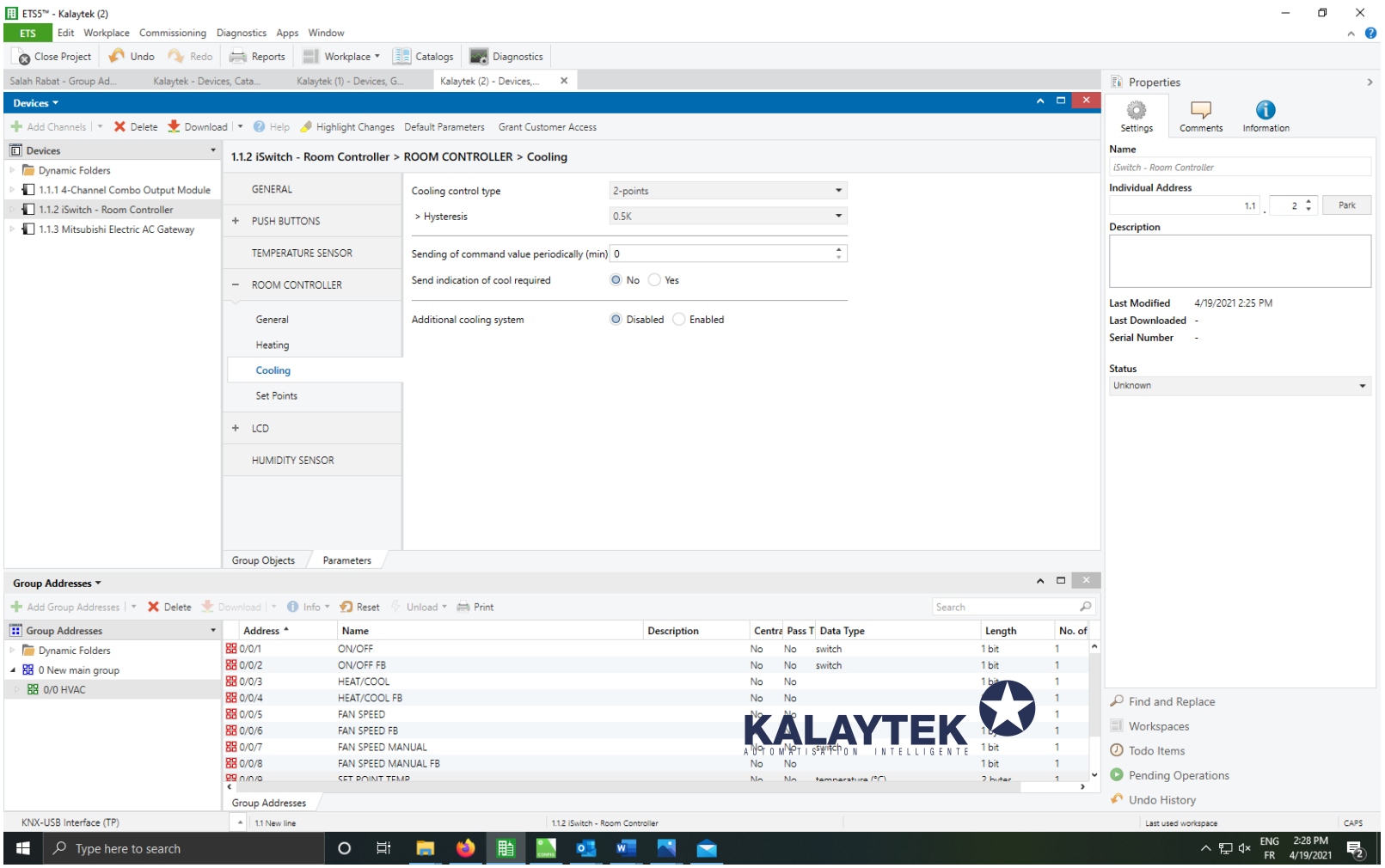


Heating/Cooling change over → AUTOMATIC

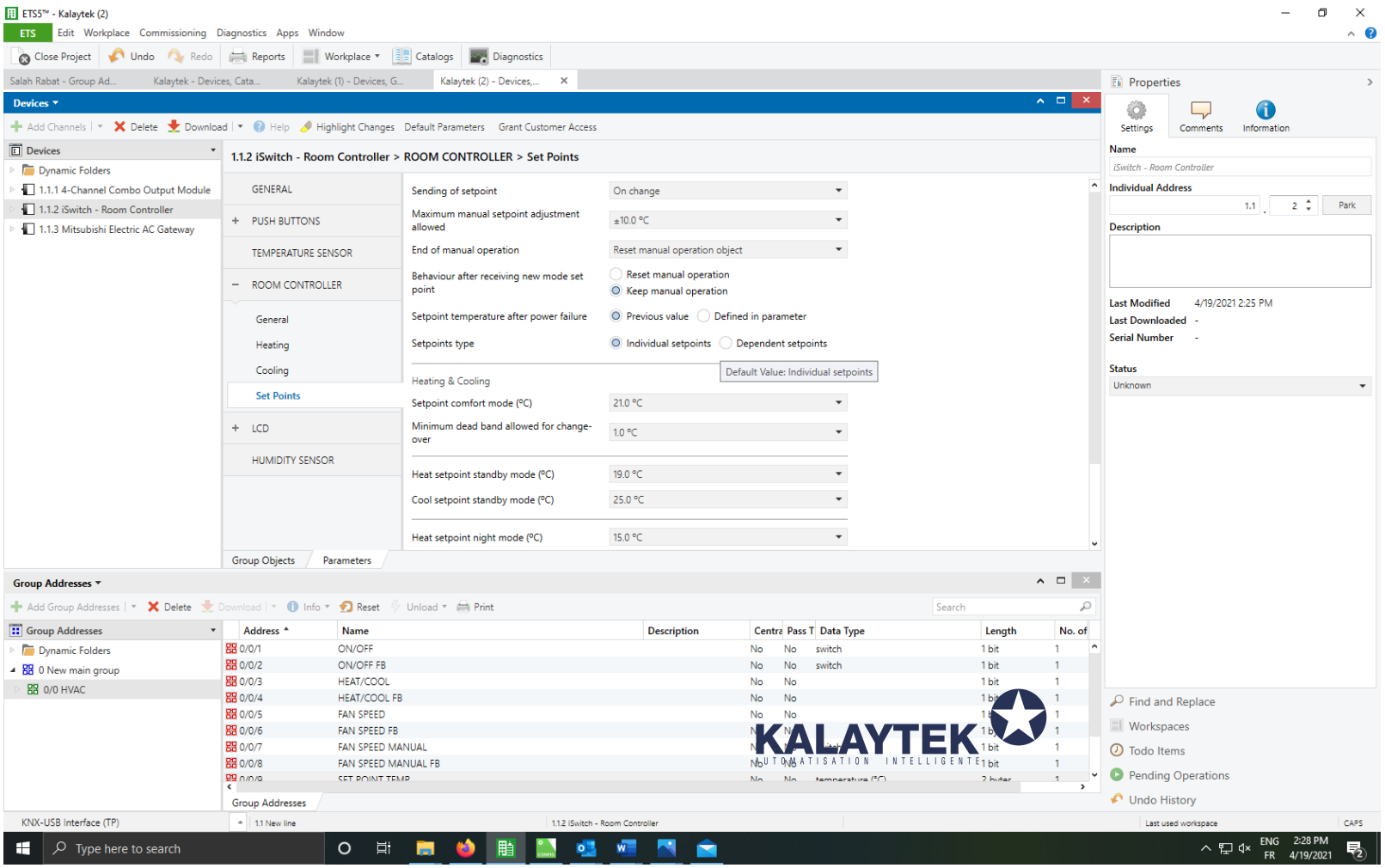
Heating parametres



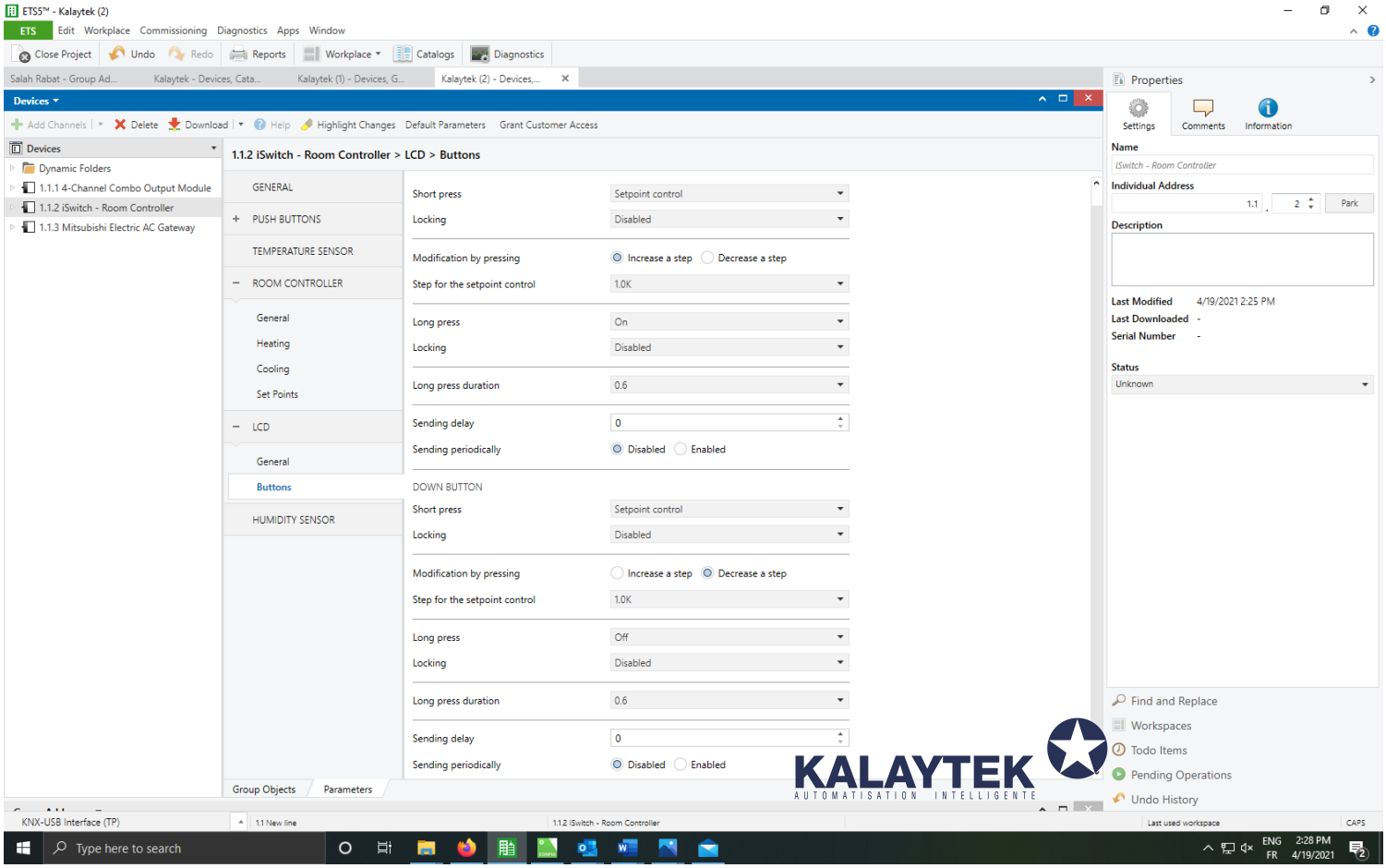
Cooling parametres



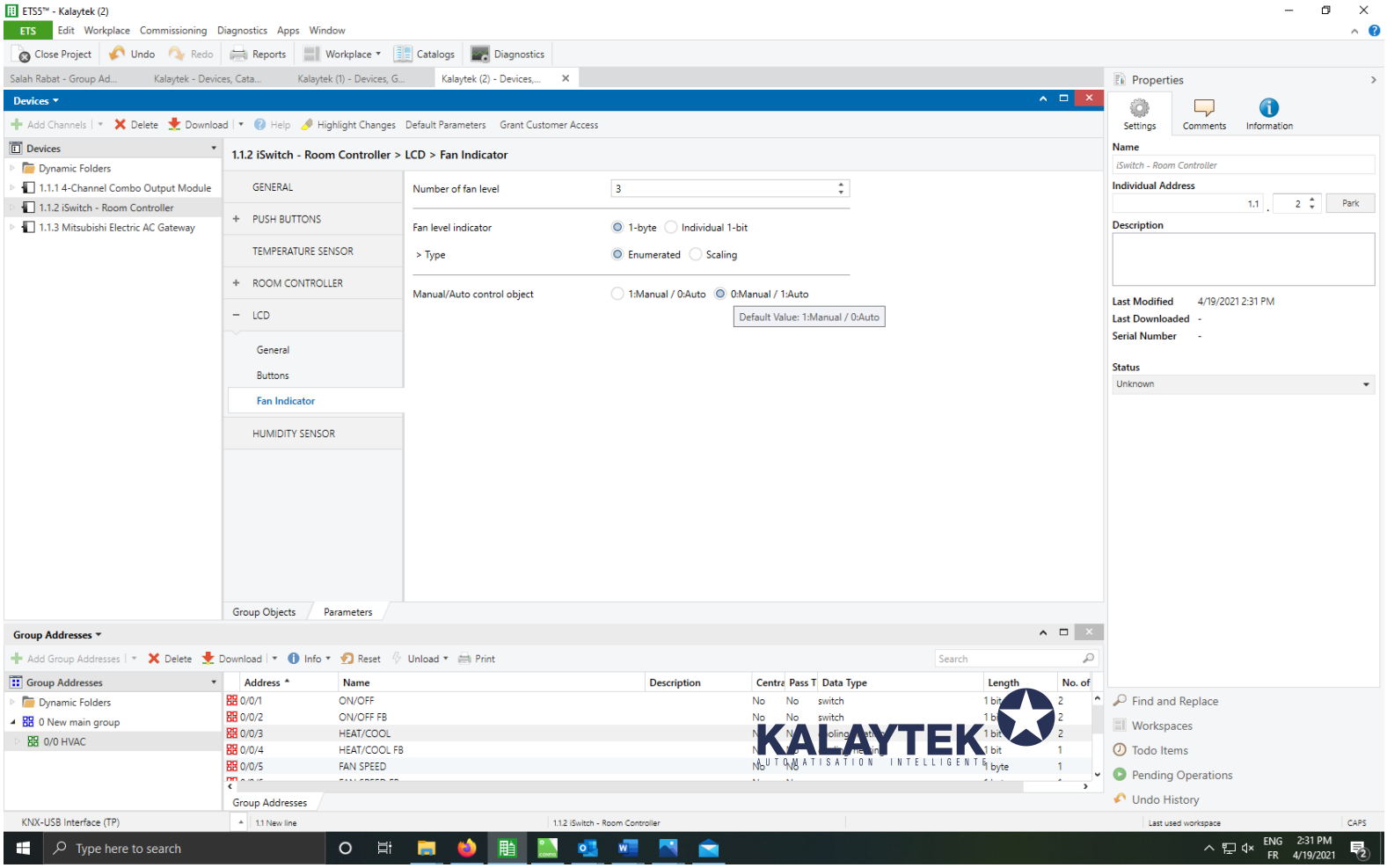
Set Points parametres



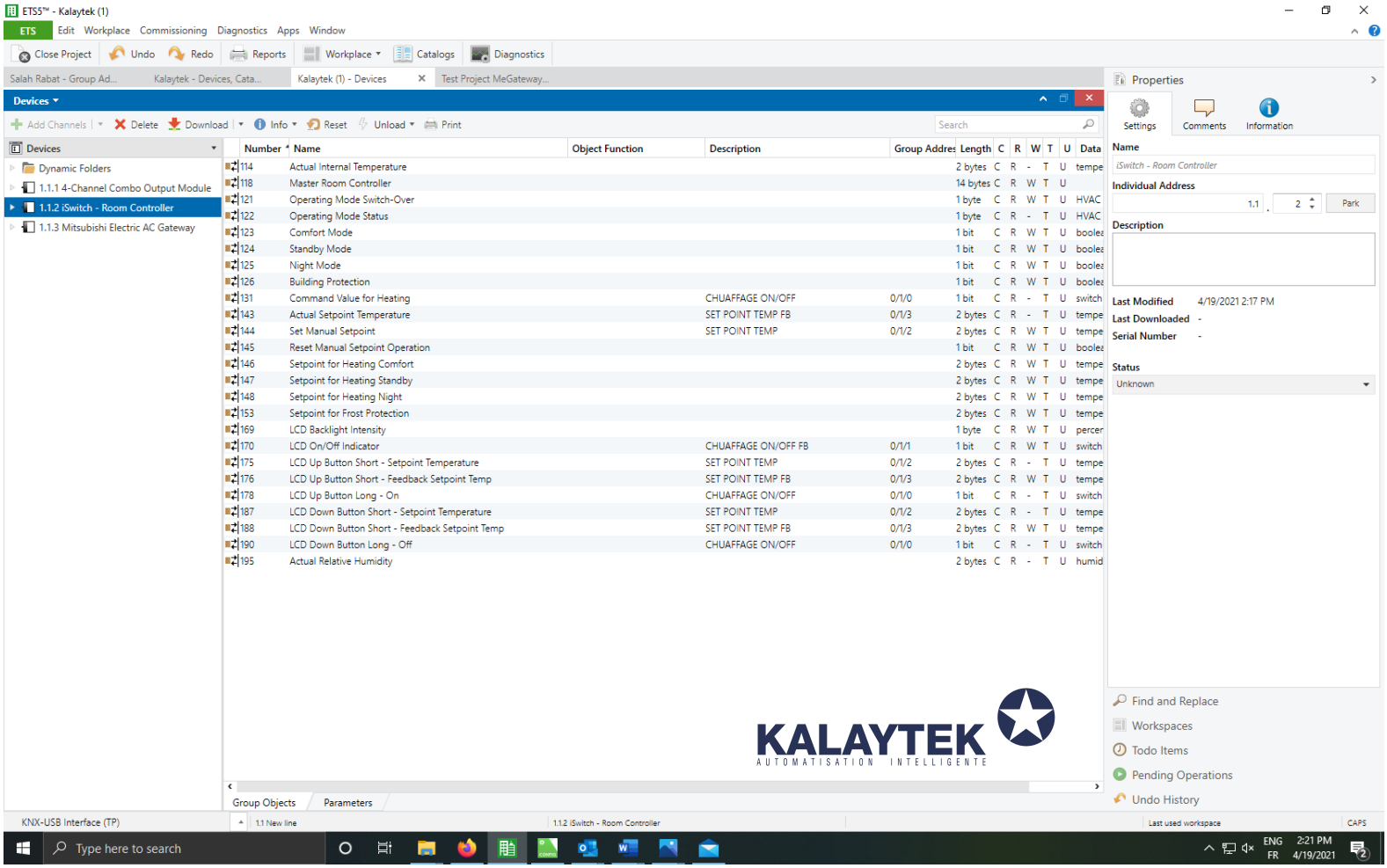
Puis cliquez sur LCD→ Buttons



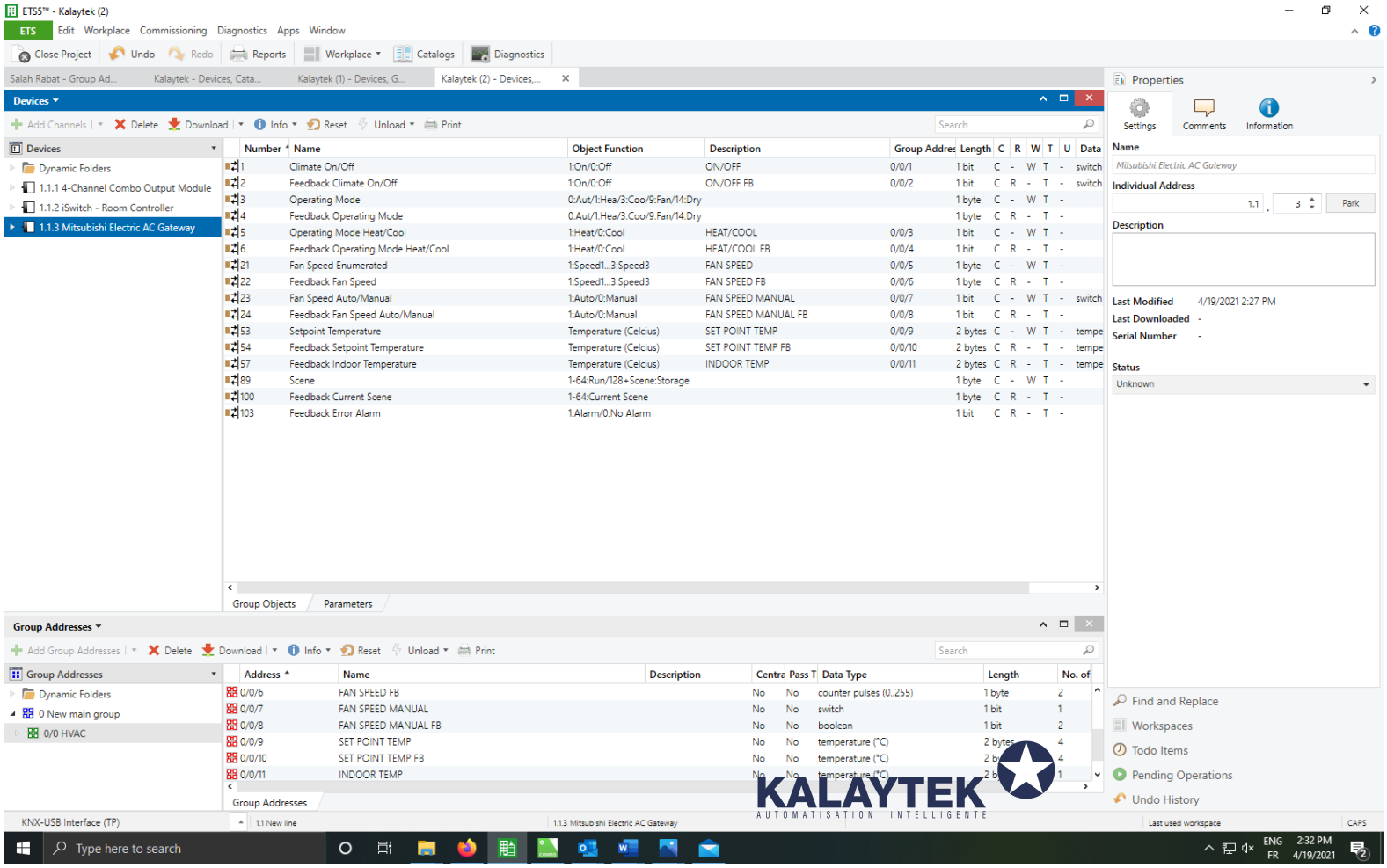
Fan indicator parametres



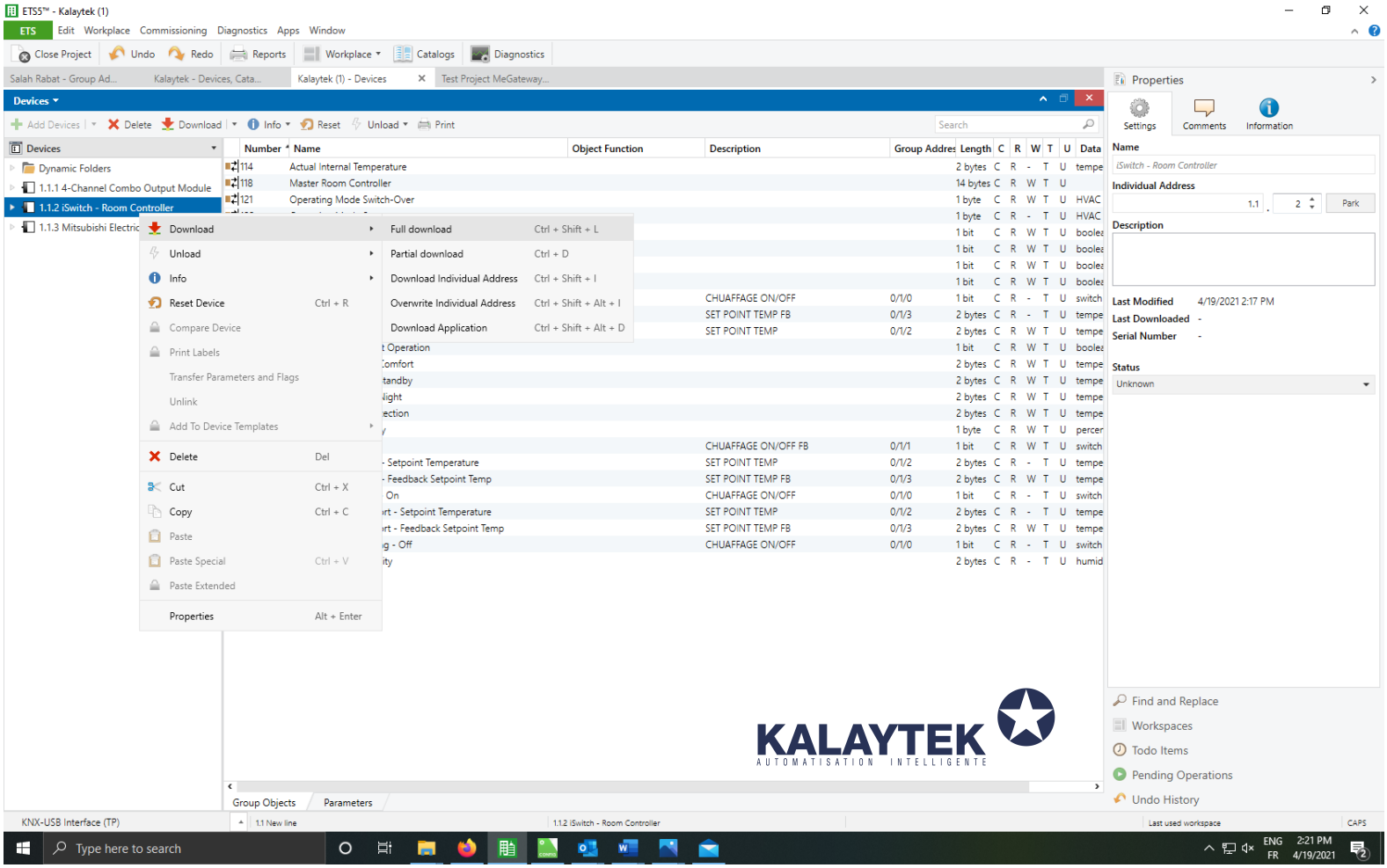
Glisser les addresses de groupe dans object de groupe d'iswitch.



Glisser les addresses de groupe dans les addresses dans object de groupe de votre passerelle

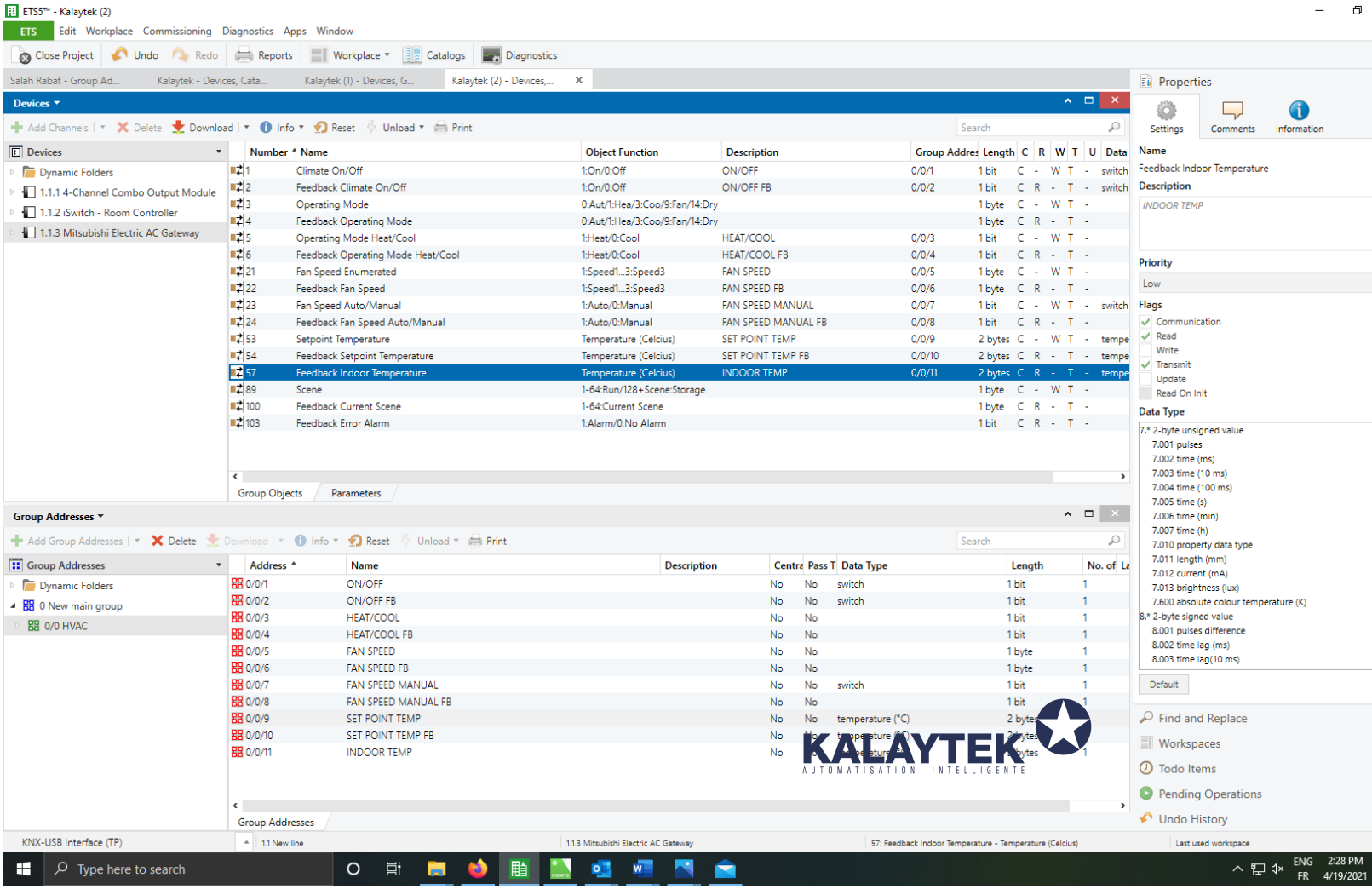


Maintenant, nous allons envoyer le programme à l'appareil.



Un appareil pour envoyer le programme est requis (comme KNX USB interface).

Une fenêtre d'adresses de groupe apparaît.

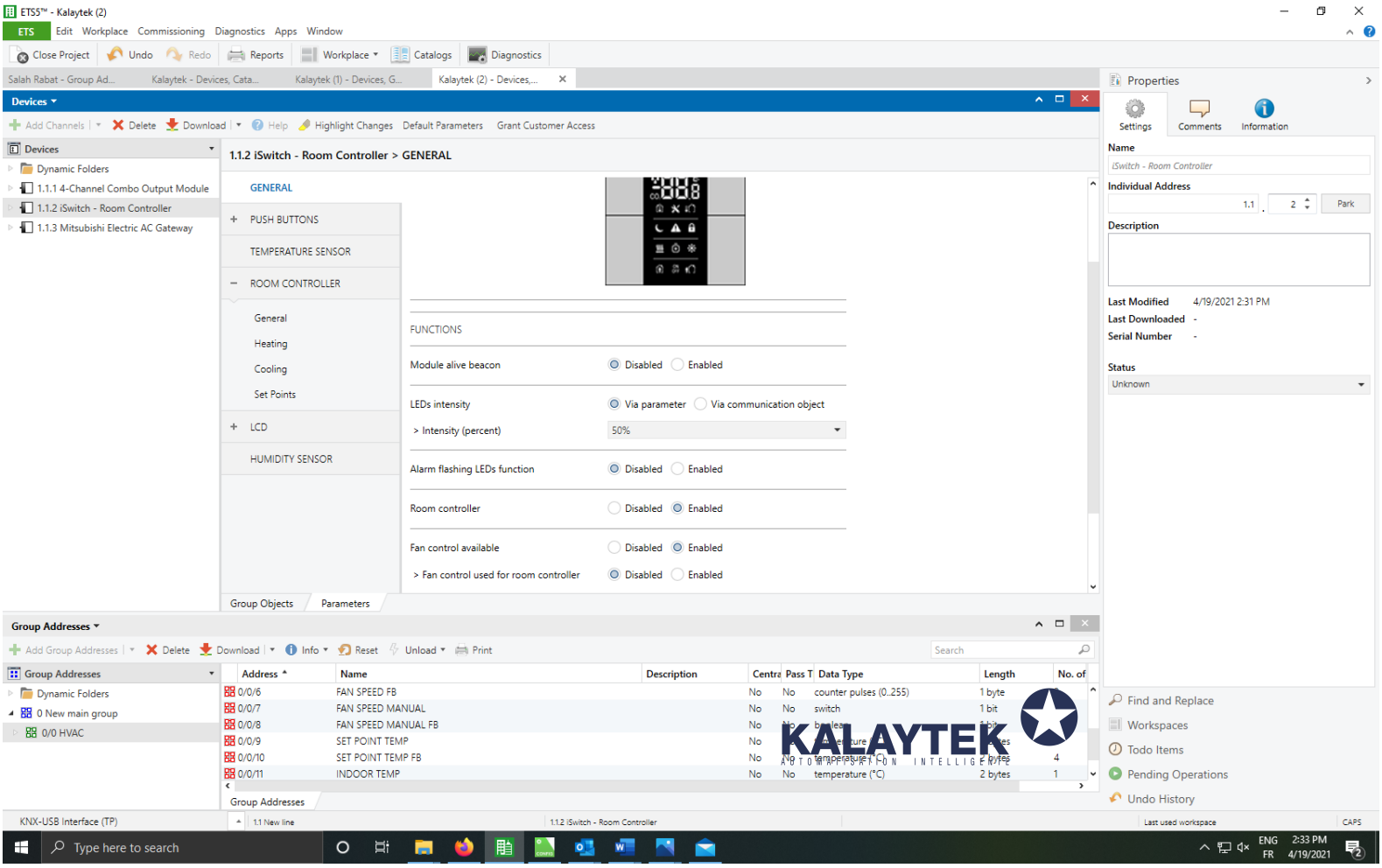


On va ajouter iSwitch – Room Controller

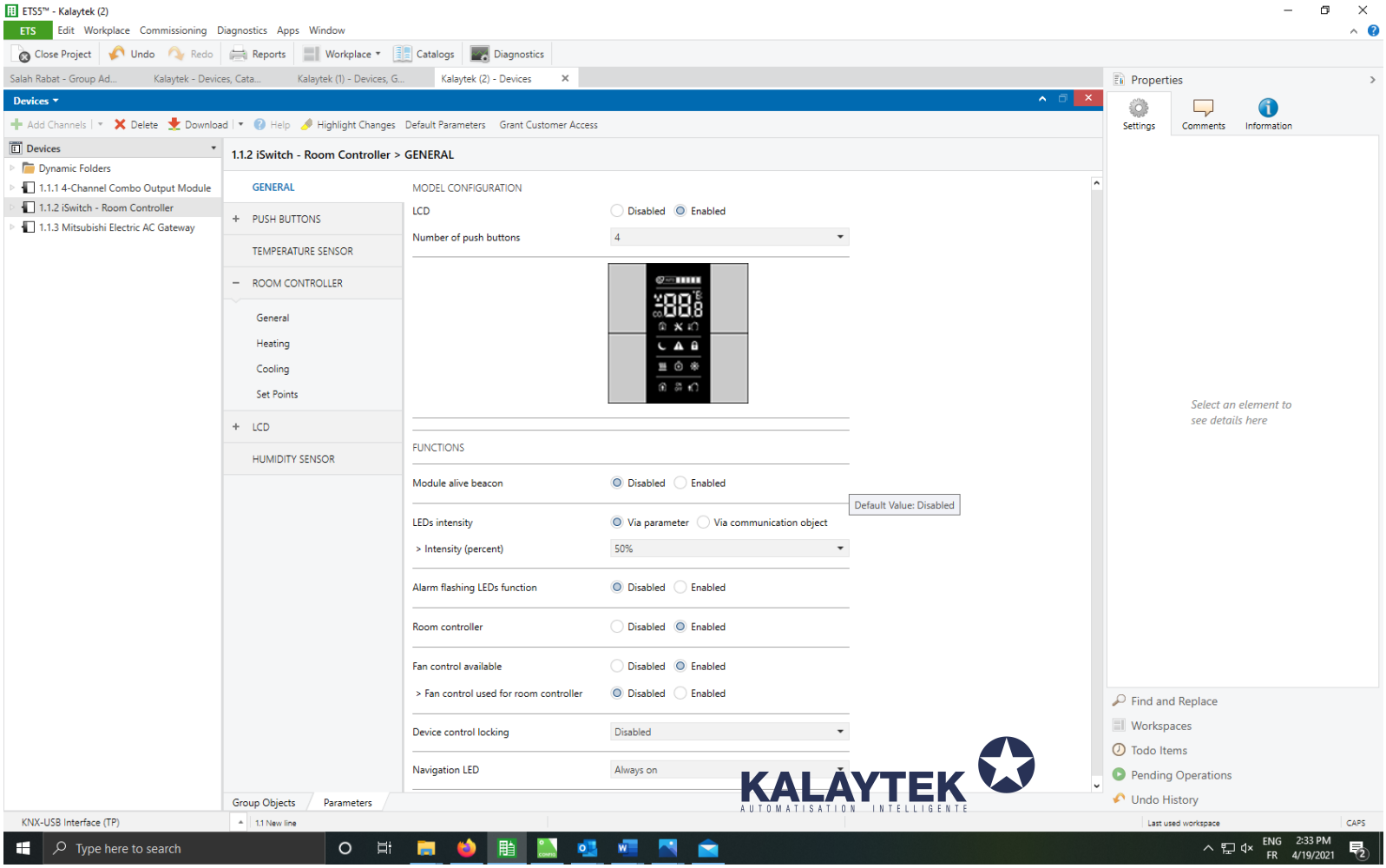
Et combo de 4 channels

Room Controller HEAT AND COOL MANUEL

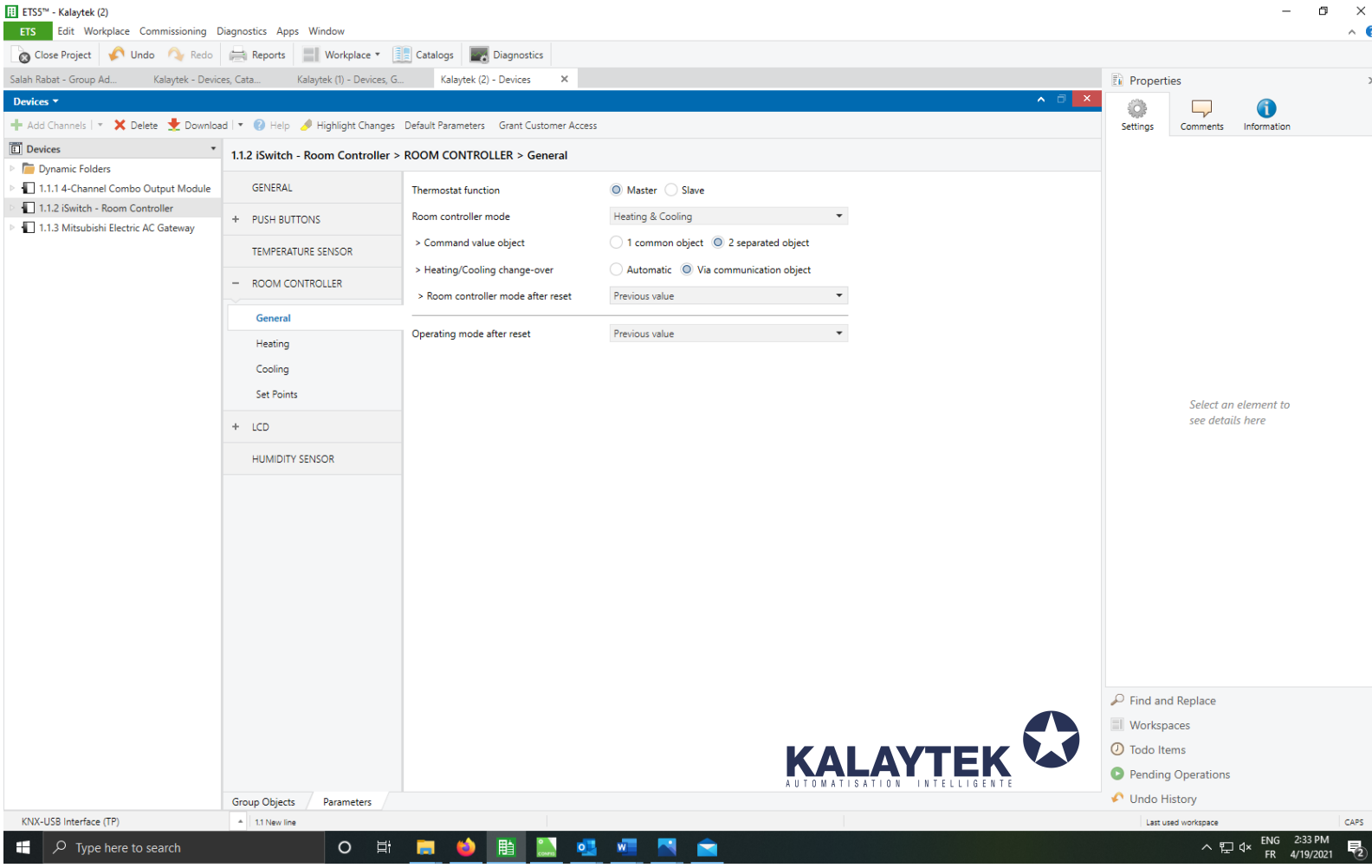
Sélectionnez iSwitch → Parametres → GENERAL



Changer les parametres

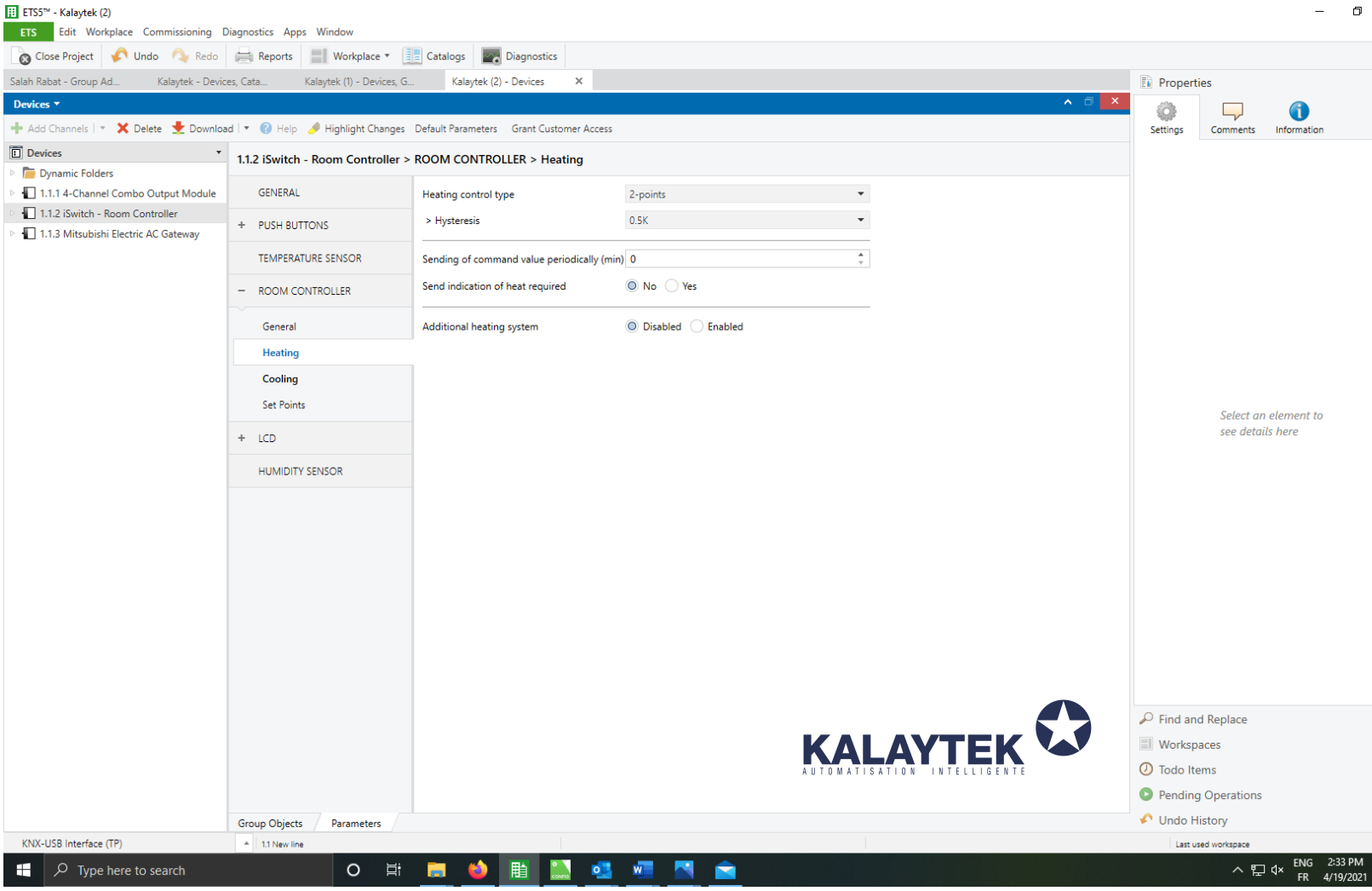


Puis cliquez sur ROOM CONTROLLER → General

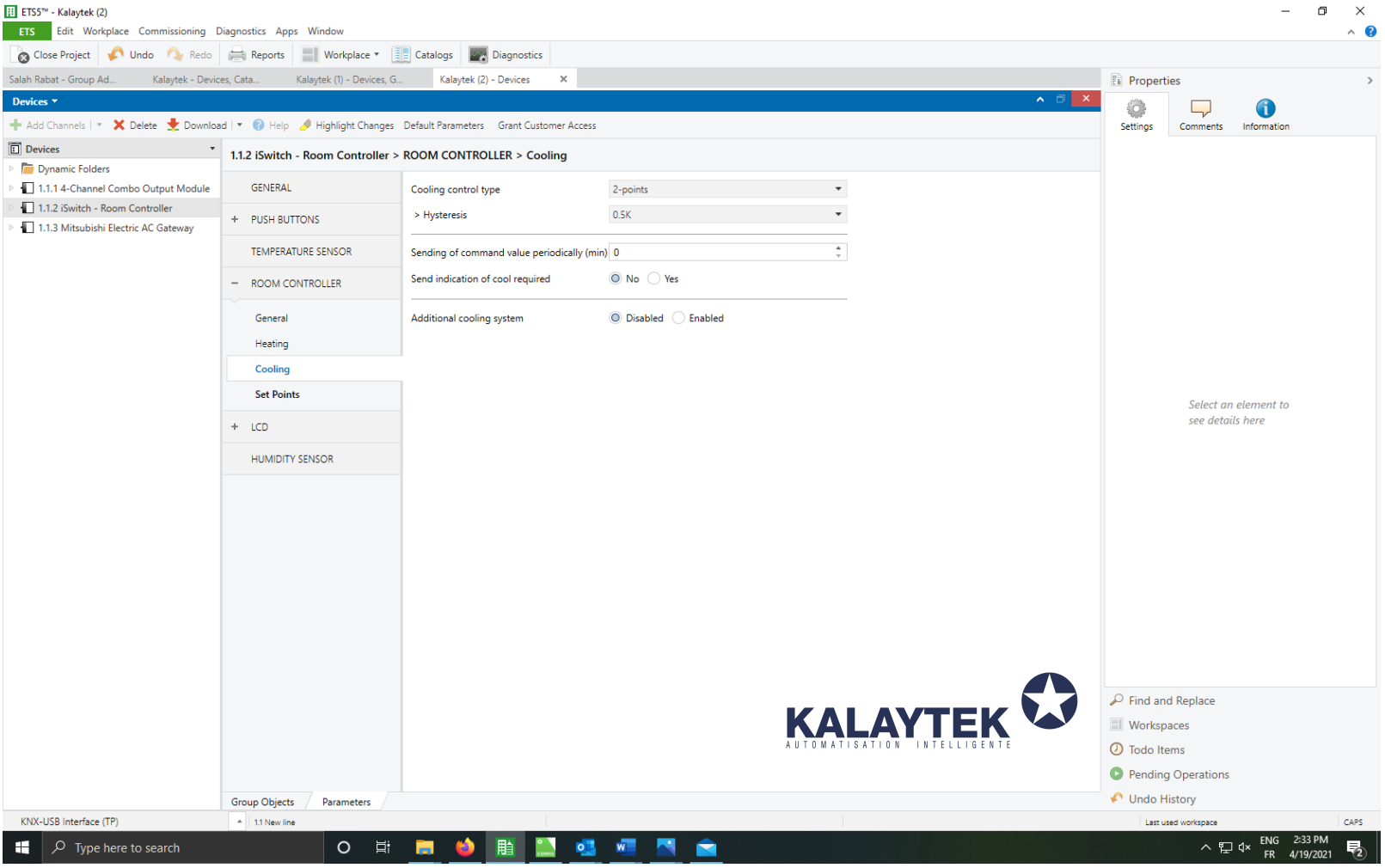


Heating/Cooling change over : Via communication object

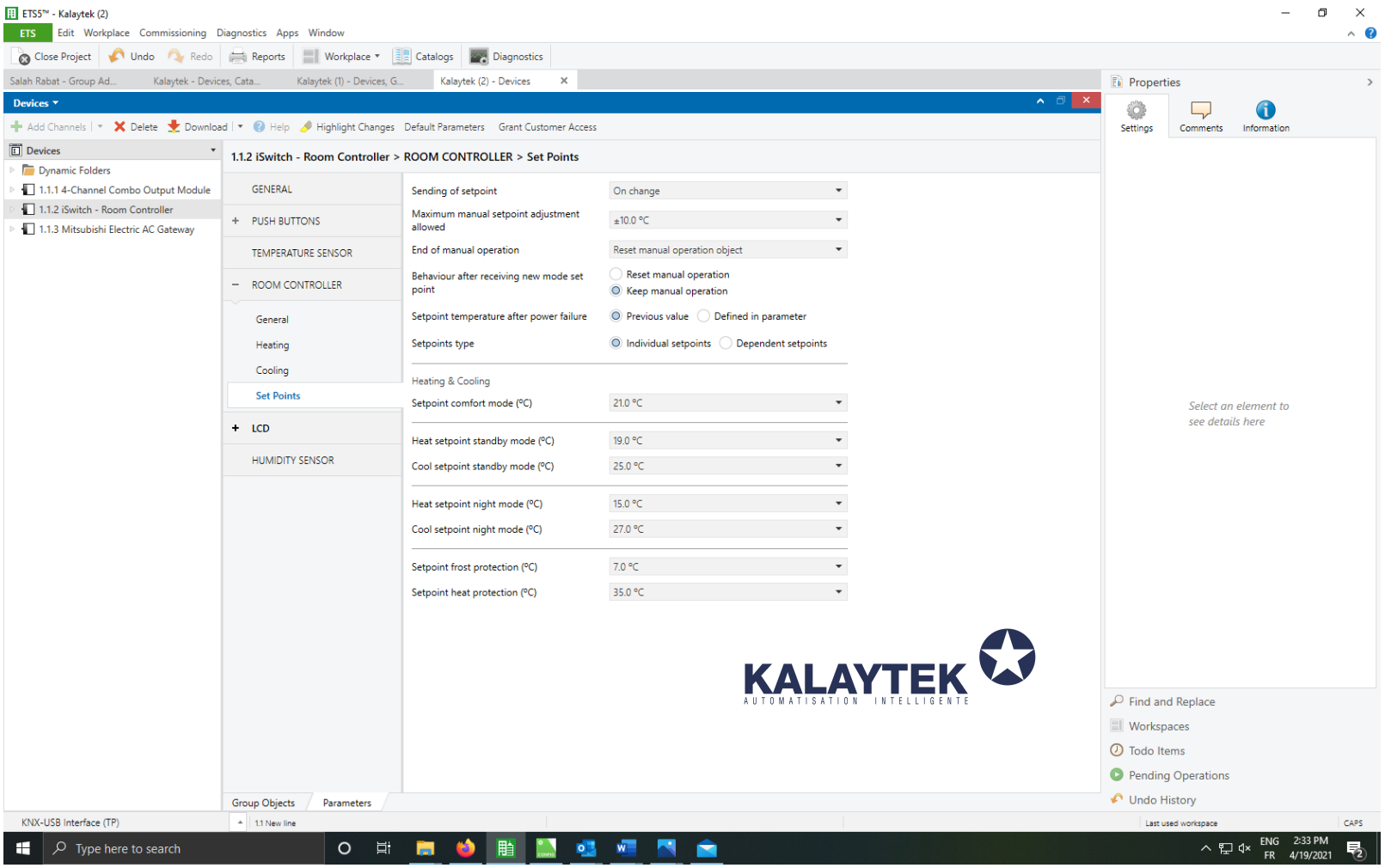
Puis cliquez sur Heating et changer les parametres



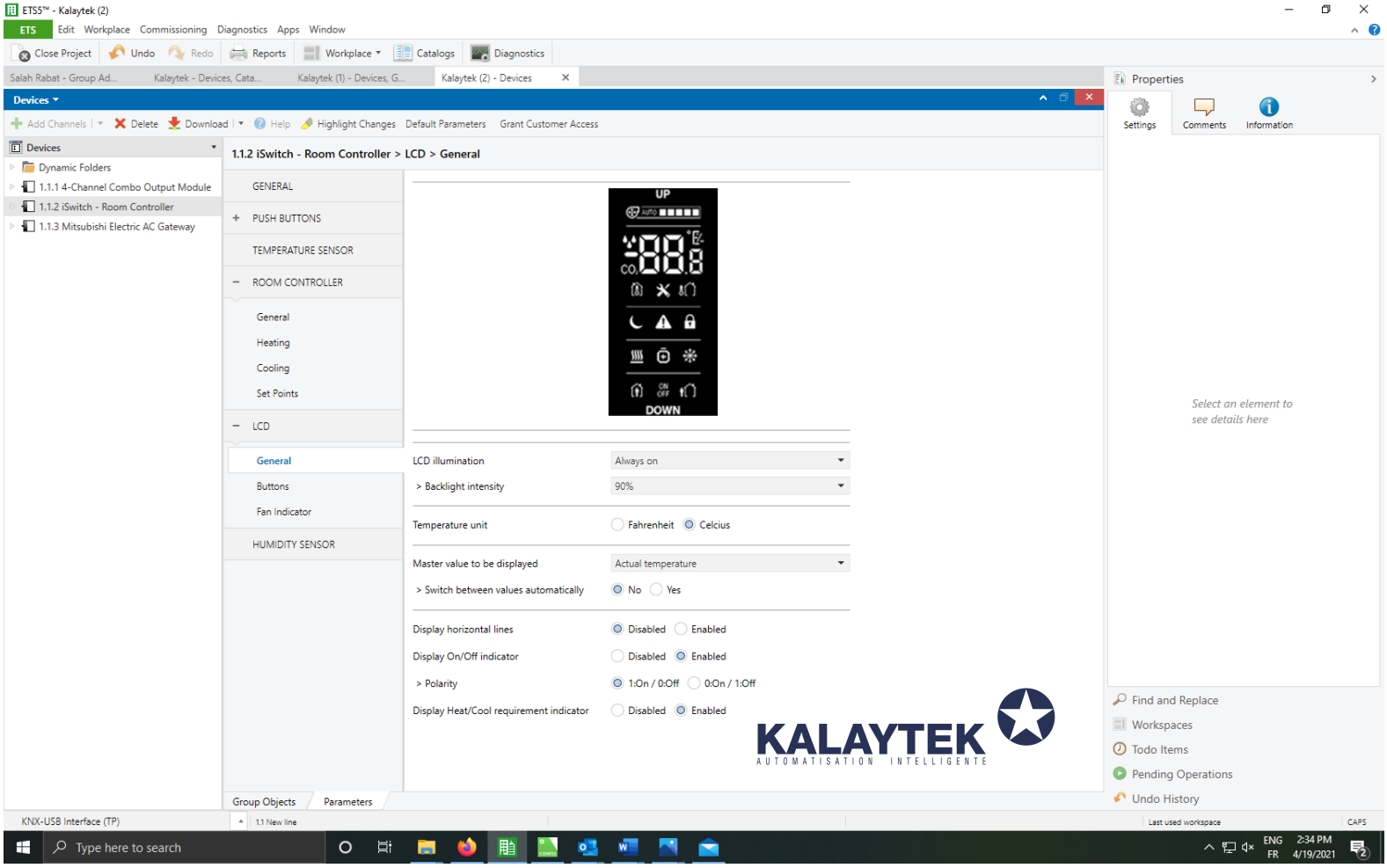
Voici les parametres de Cooling



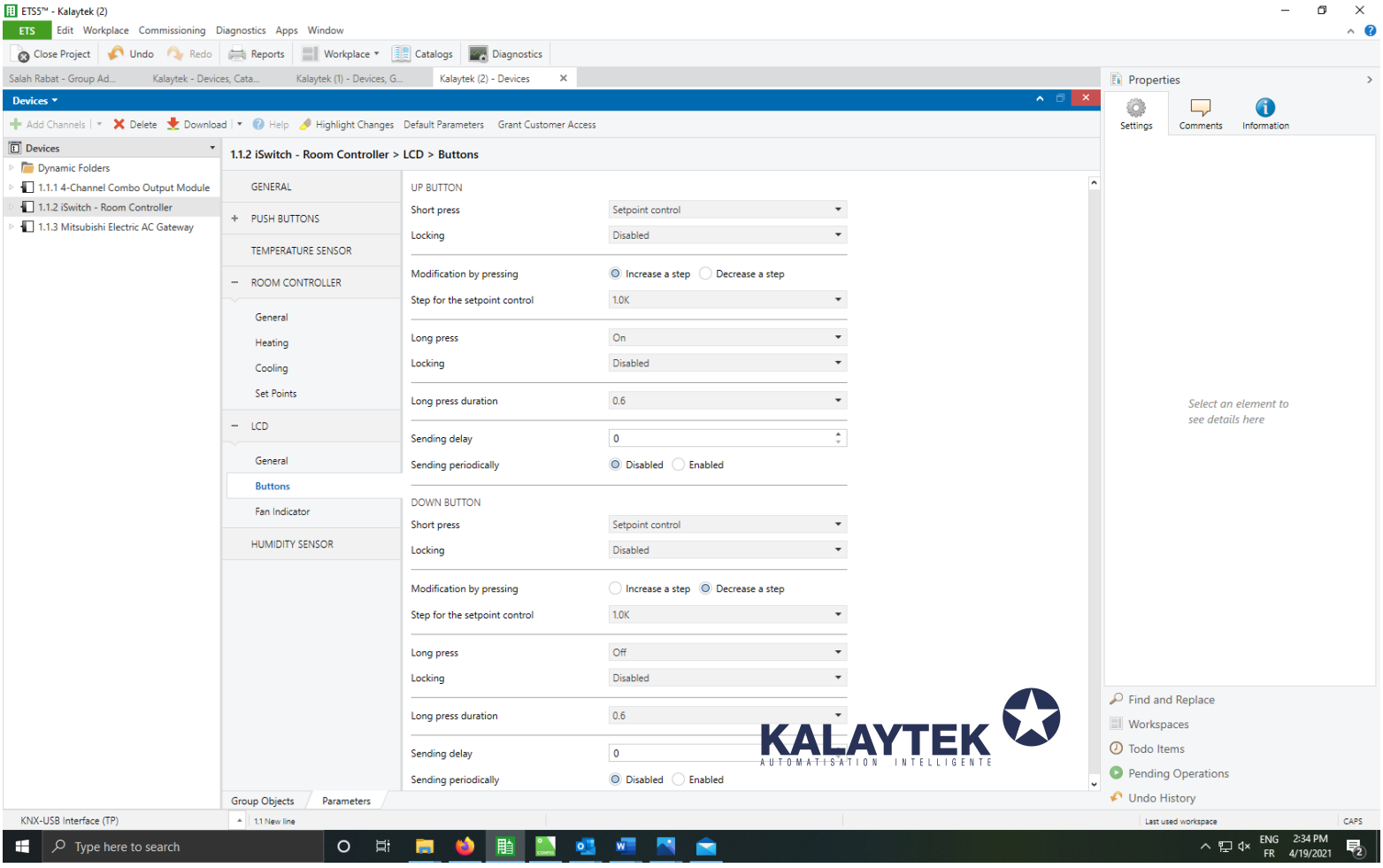
Et les parametres de Set Points



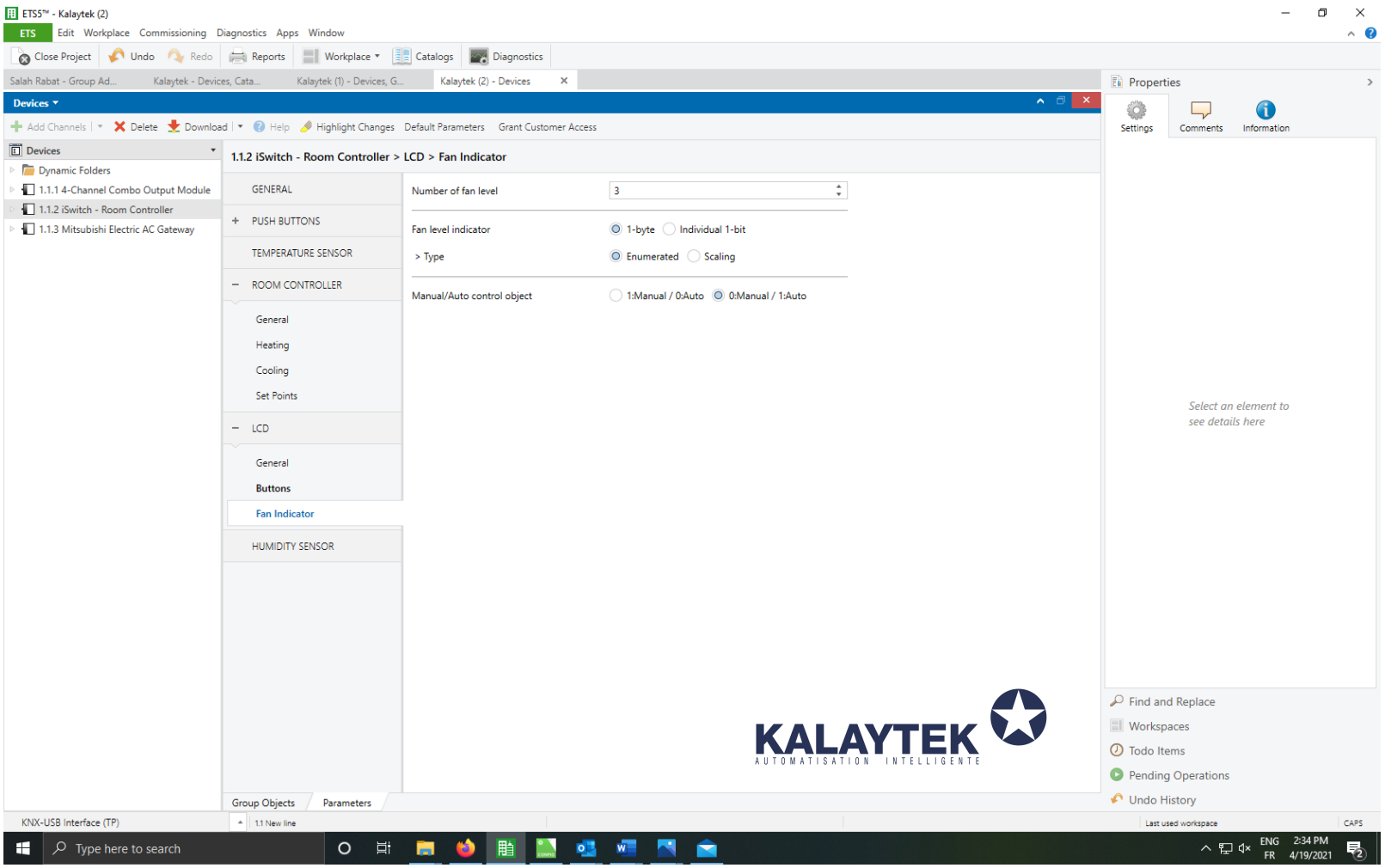
Les parametres de LCD → General



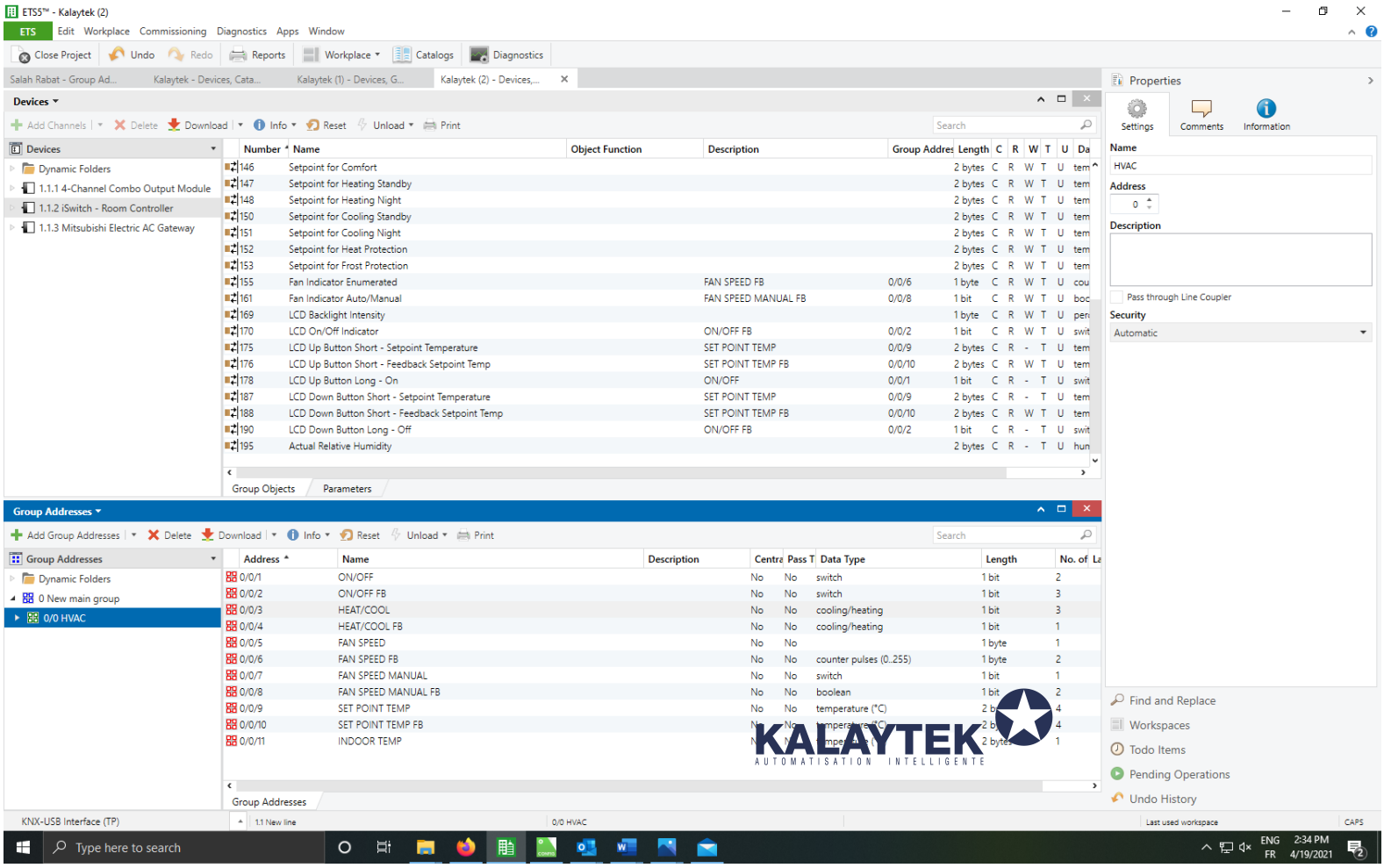
Voici les configurations des buttons



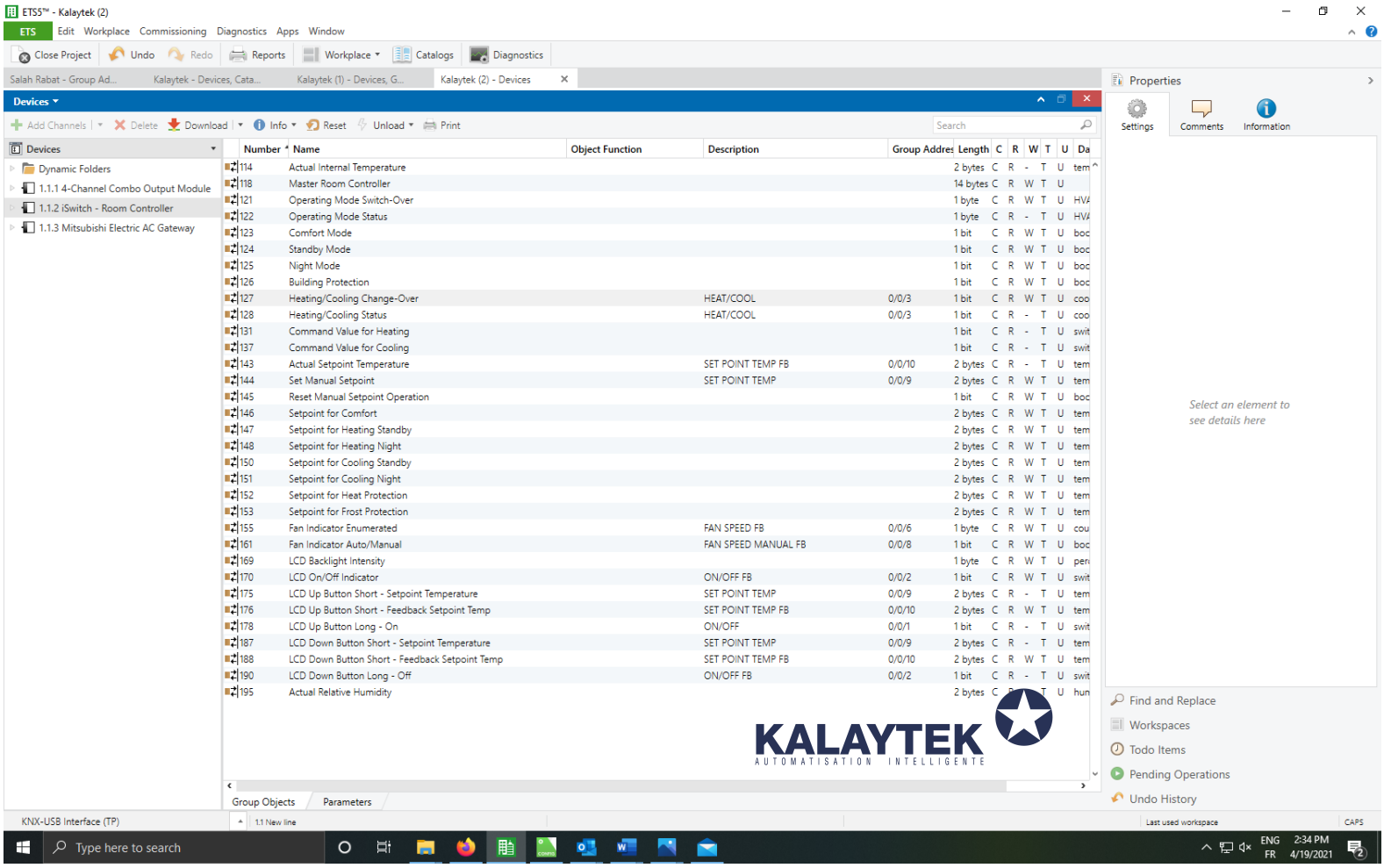
Cliquez sur LCD → fan indicator et changer les parametres



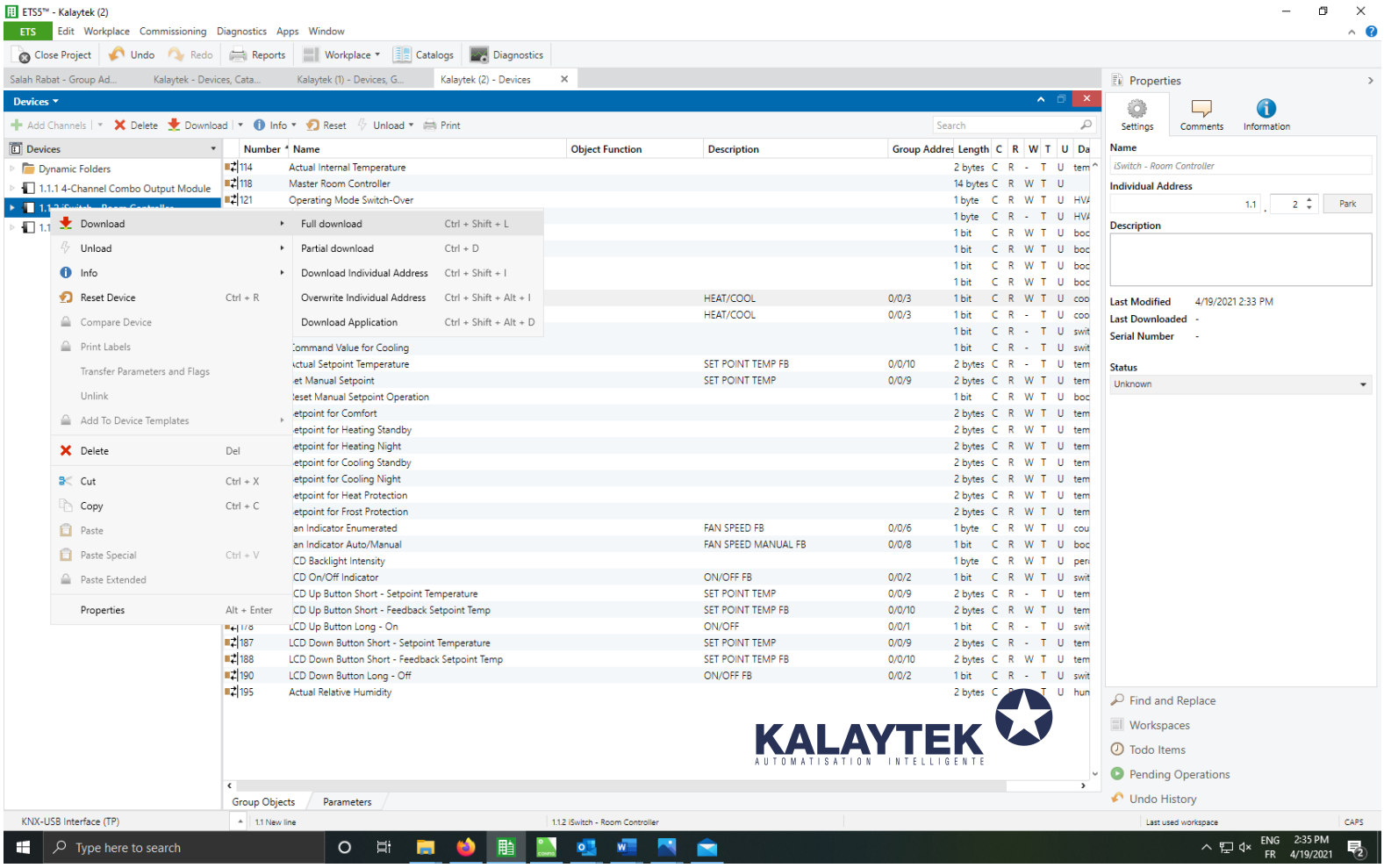
Les adresses de groupe



Nous faisons glisser les adresses dans objet de groupe



Maintenant, nous allons envoyer le programme à l'appareil.



Un appareil pour envoyer le programme est requis (comme KNX USB interface).