Unirro-KNX

Digital Input Application
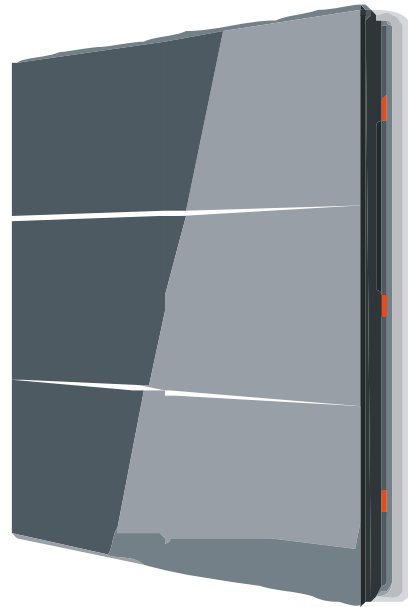
## Digital Input Solution (Ex: Master Bedroom):

Unirro-knx is having 4 digital inputs; we can connect the Sensor, push button and switch to those inputs to & configure to trigger the knx commands like switching & scene.
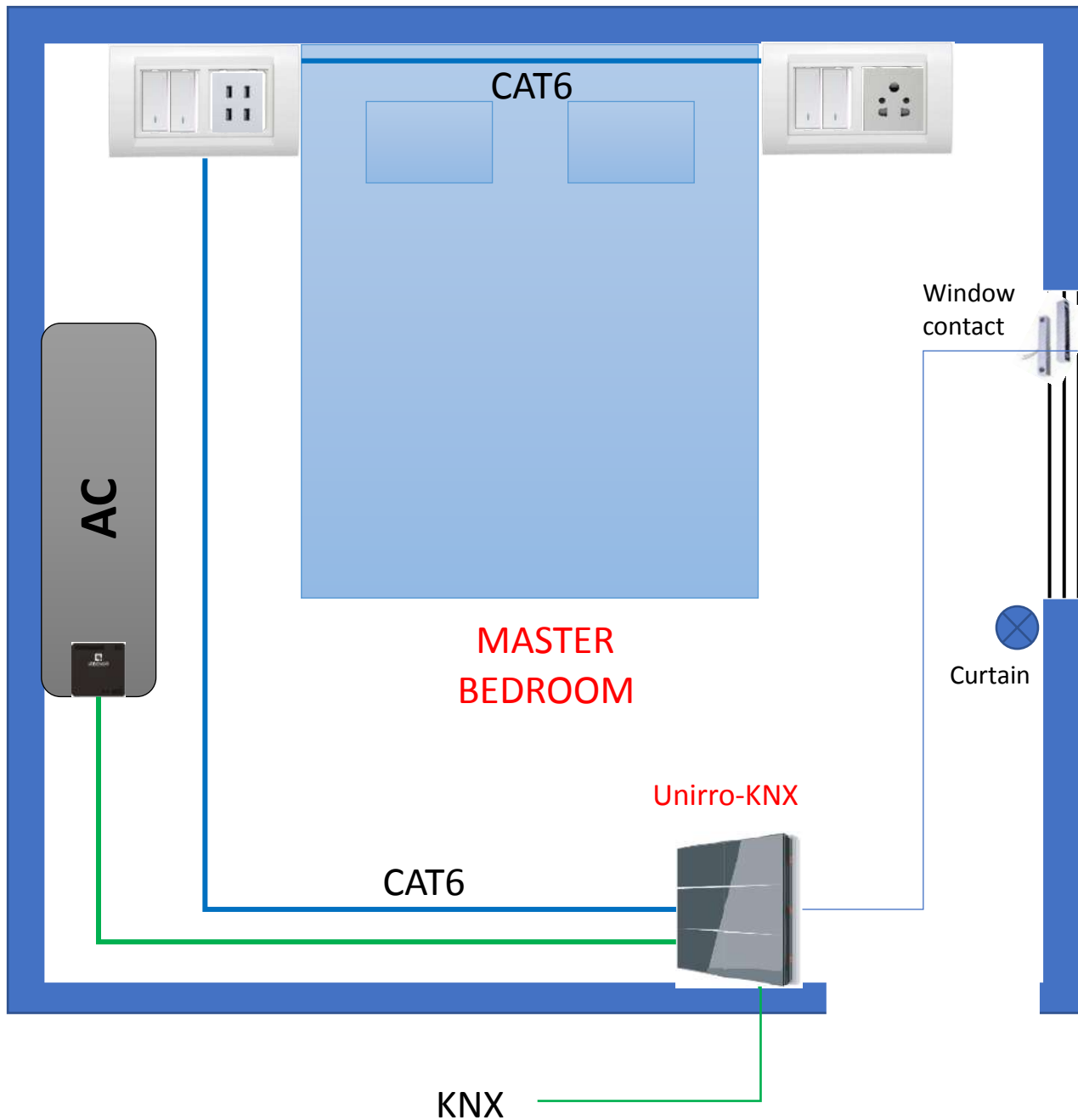

Application Diagram: fig-1

Steps for Configuration of Digital Inputs:

➢ As shown in the fig-1 connect the switch button & Sensor to the digital input of the nearest Unirro-knx keypad. Typical connections diagrams are shown in fig-2.

➢ Configure the particular digital input-1 as sensor, & set the transmitted value "1" refer fig-3, configure digital input 2 & 3 as switch & set the transmitted value "1" for NC & "0" for NO. And last 4th digital input configure as scene & set the transmitted value "Scene-1" for NO & "Scene-2" for NC. (Refer fig-3,4 & 5)

➢ Link the input commands to their correspondent Group addresses as shown in fig-

➢ 4th input is used to control the curtain through scene object. (Refer fig-7)

➢ 1st input (Window sensor) is linked with the "AC OFF" object to co-ordinate AC operation with the window. AC should be switched off while window is open.

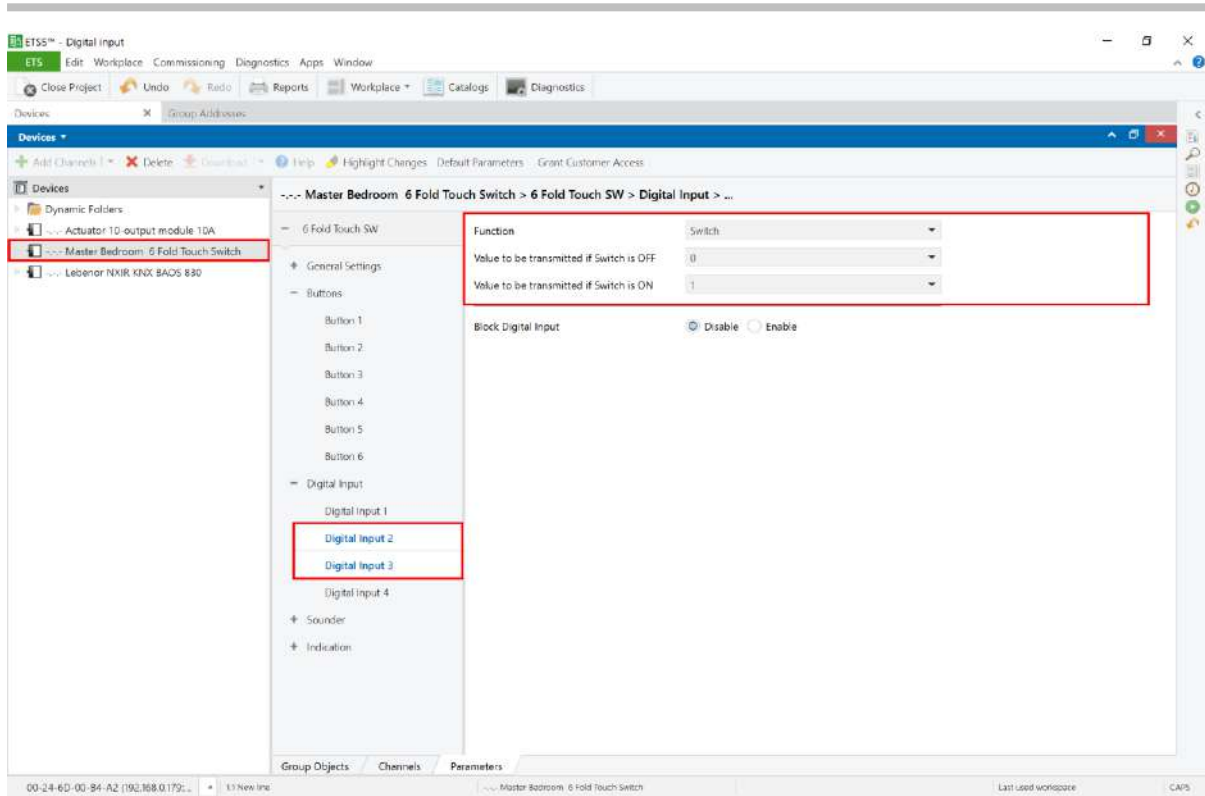➢ Digital input 2 & 3 are configured for normal switching operation.
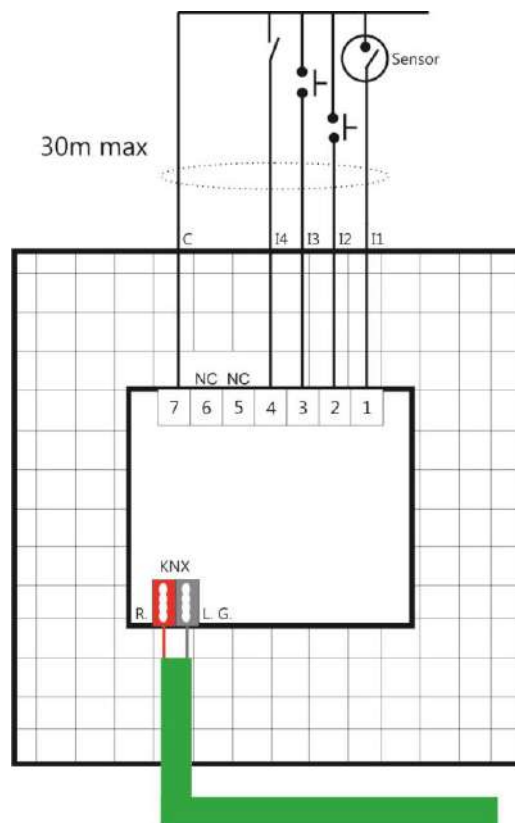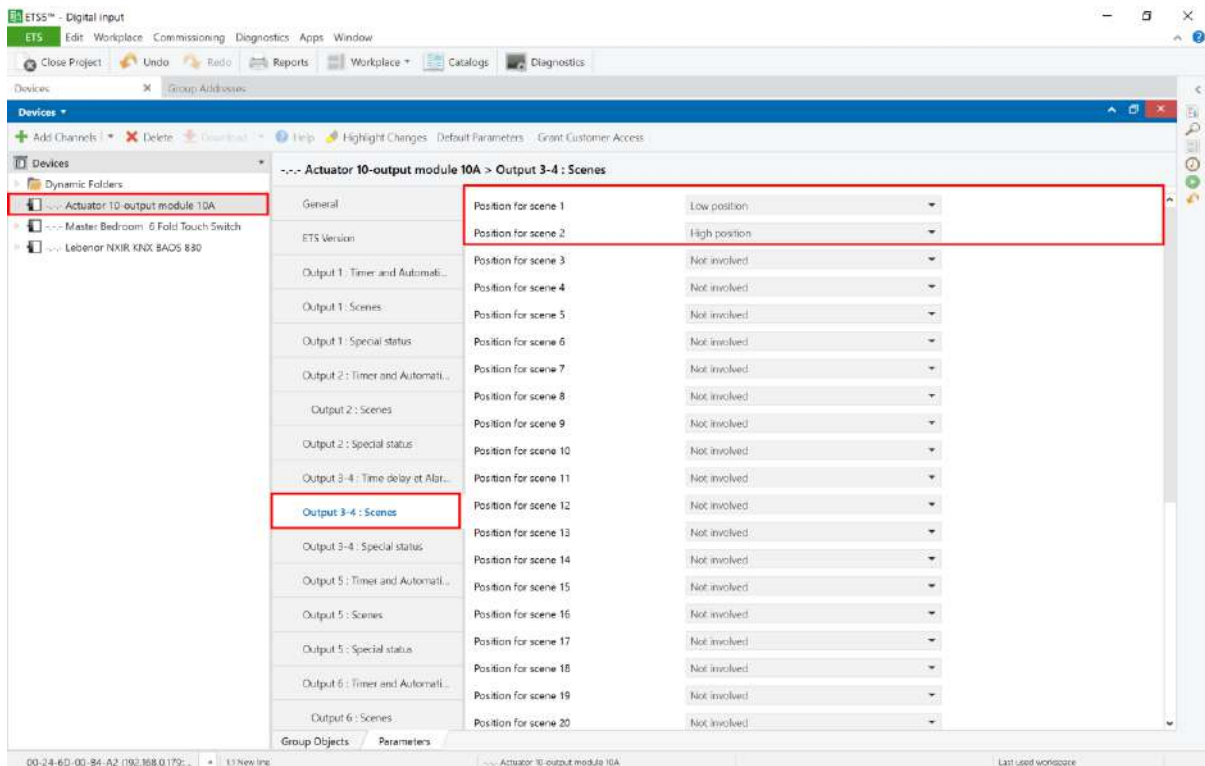

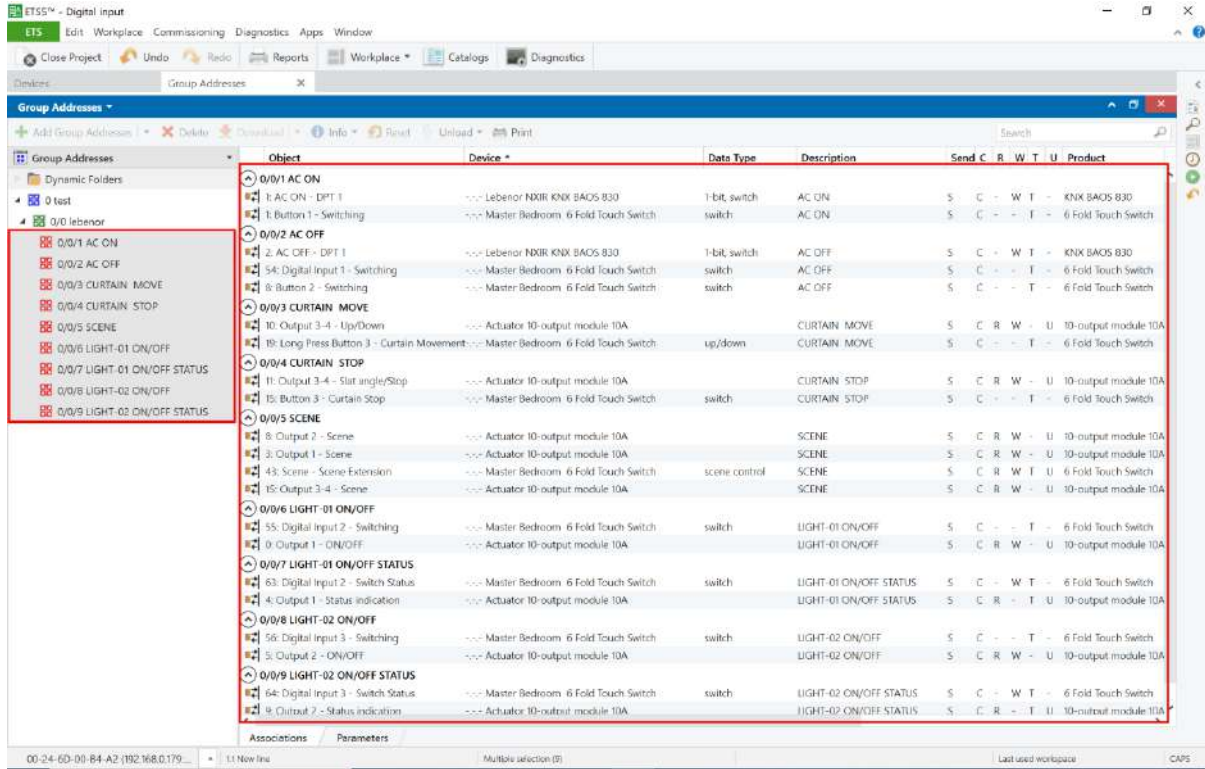**Typical Connection Diagram: fig-2**
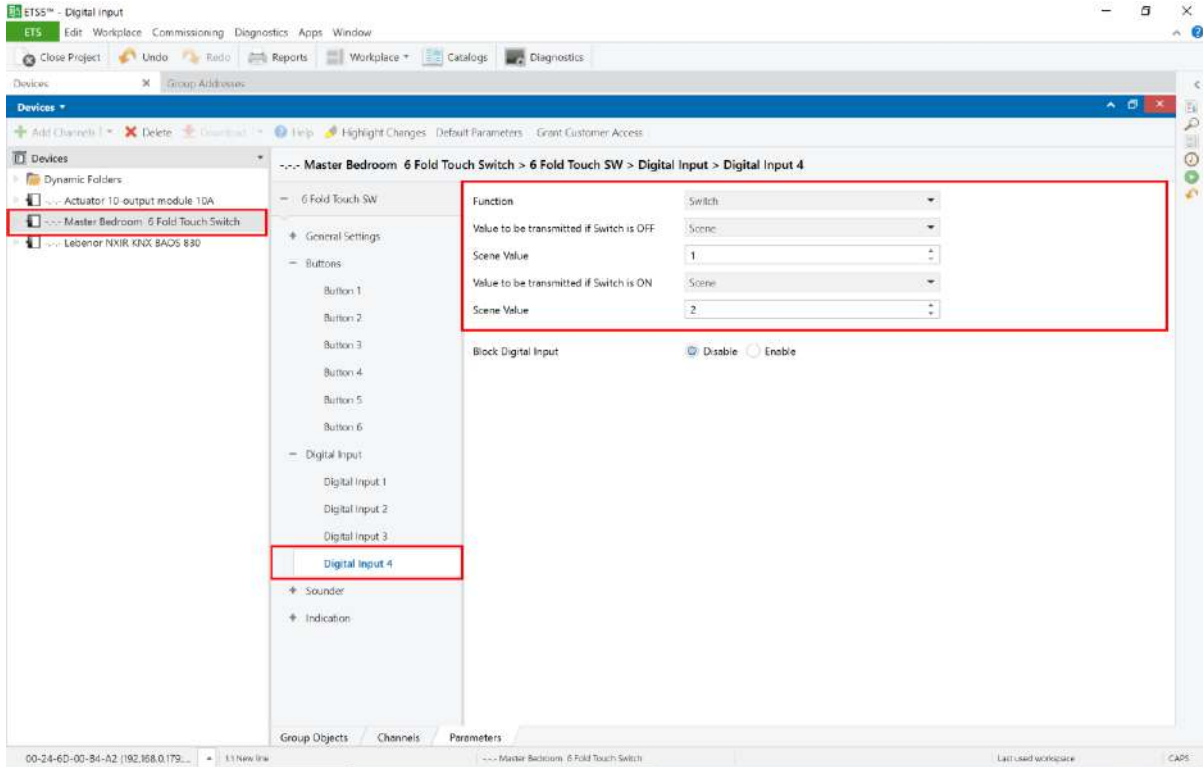
Digital input sensor: fig-3
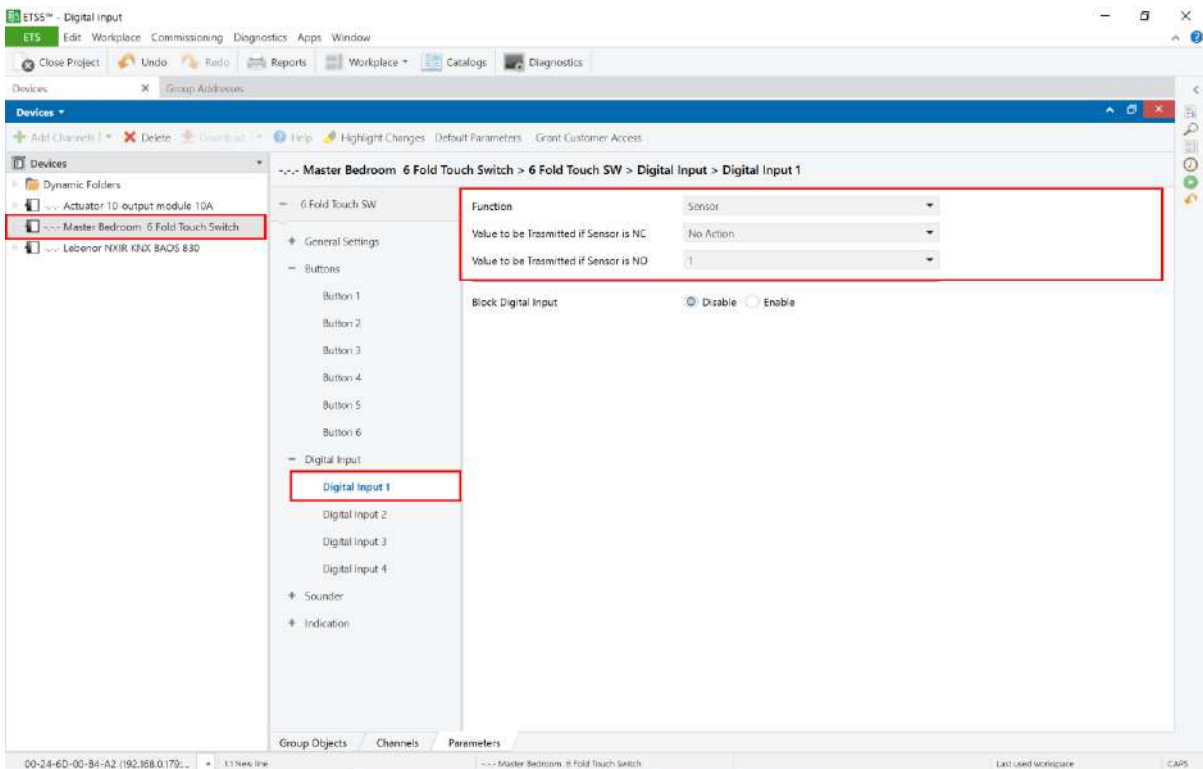
Digital Input Sensor: fig-4

Digital Input switching : fig-5

Curtain Scene: fig-6

Linking: fig-7

Thank You