

4-pipe fan coil control with on/off valves and 0-10 VDC fan speed control signal



ROOM CONTROLLER

- Switch On/Off
- Setpoint
- Mode control (Heating/Cooling)
- Special mode
- Window status indicator (input 1 MiB_FC)



THERMOSTATIC CONTROL

Continuous fan speed regulation and valves opening and closing [\[+ Info\]](#)

- Control: continuous PI of 1 byte
- Window status: When "1" is received, protection mode is sent for avoiding energy waste.



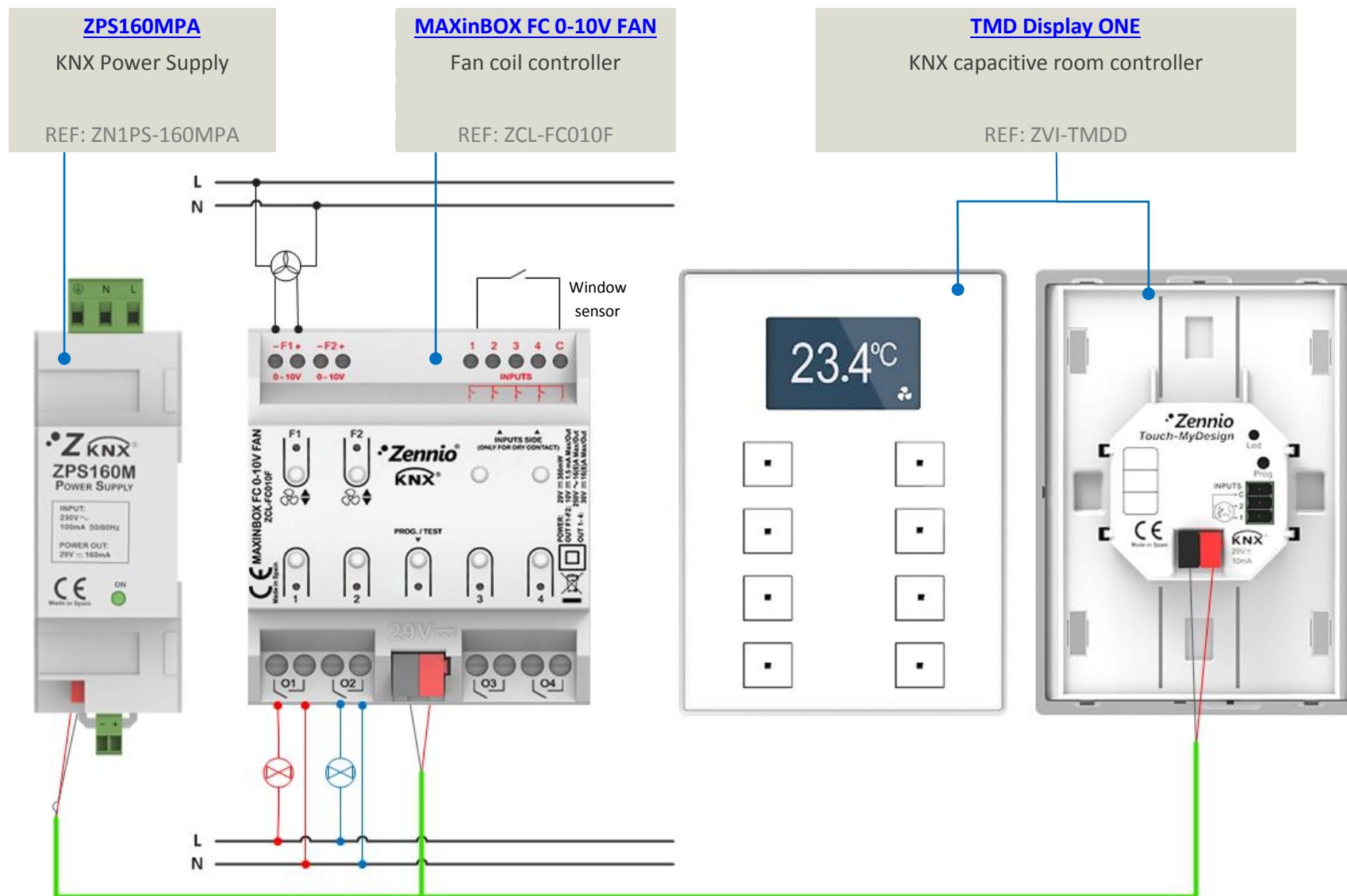
FAN COIL CONTROLLER

- Fan speed continuous control signal (0-10V).
- Fan coil valves opening and closing.
- Maximum fan speed (optional ETS)
- Keep fan activated in cooling/heating mode when valve closes (optional ETS).
- Delay for fan deactivation when valve closes in order to dissipate battery heat/cool (optional ETS).

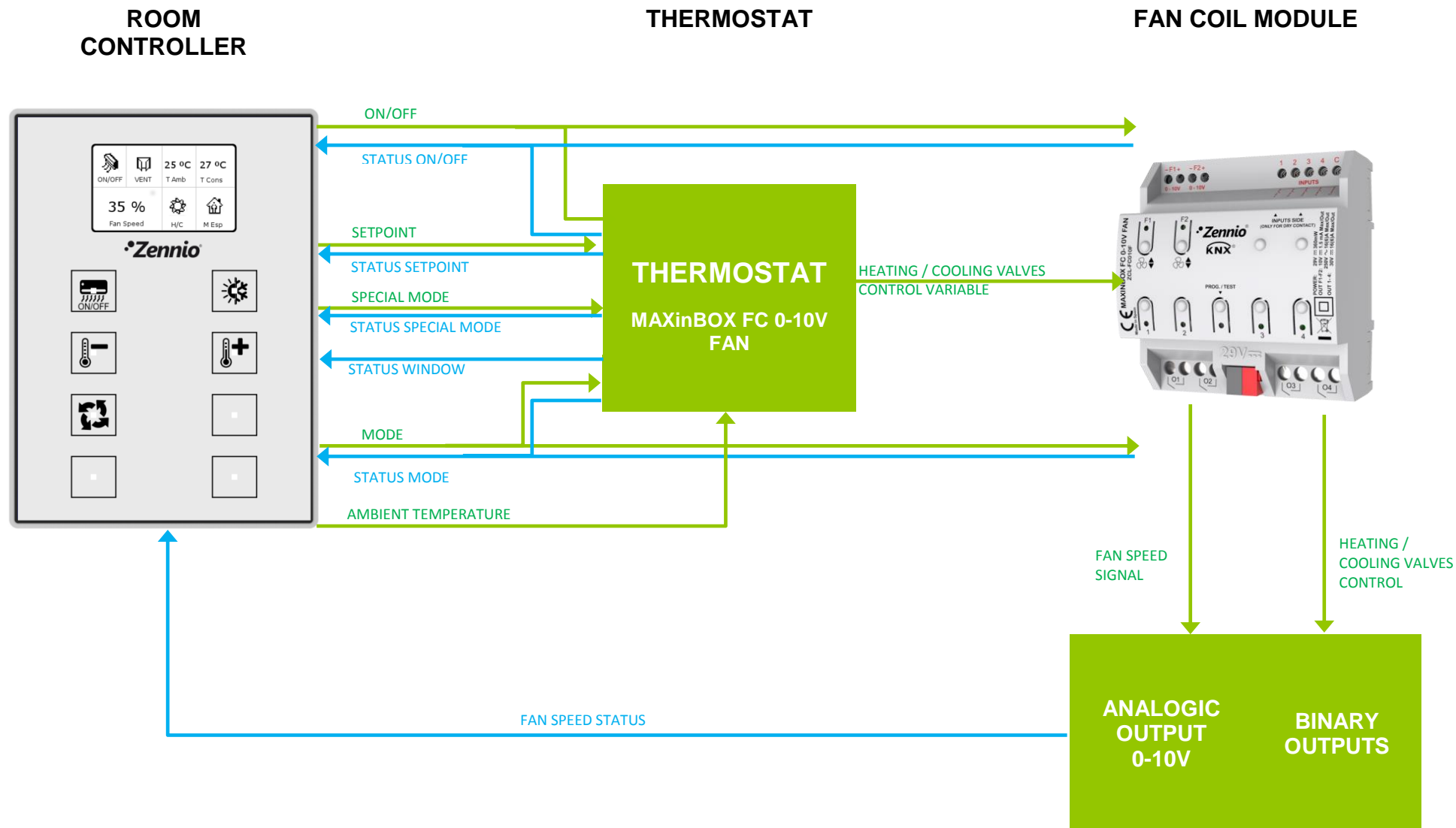
IMPORTANT: When checking ETS Project, activating the option **"! Show changes"** on parameter tab, the symbol **"!"** will appear showing the modified parameters on ETS.



NEEDED DEVICES AND WIRING DIAGRAM

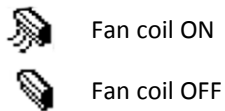


KNX COMMUNICATION OBJECTS

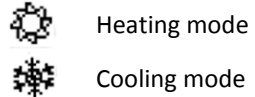


ROOM CONTROLLER

Fan coil status



Heating/Cooling mode status



Fan speed status

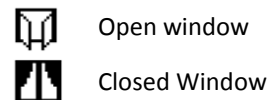
On/Off fan coil control Switching On/Off

Setpoint control. Step: +/- 0,5 °C.

Special mode control: Switching:

- Comfort - Economy
- Standby - Protection

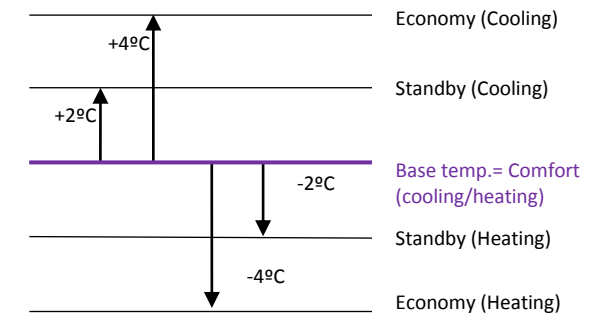
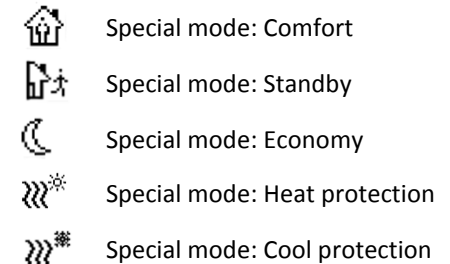
Window status



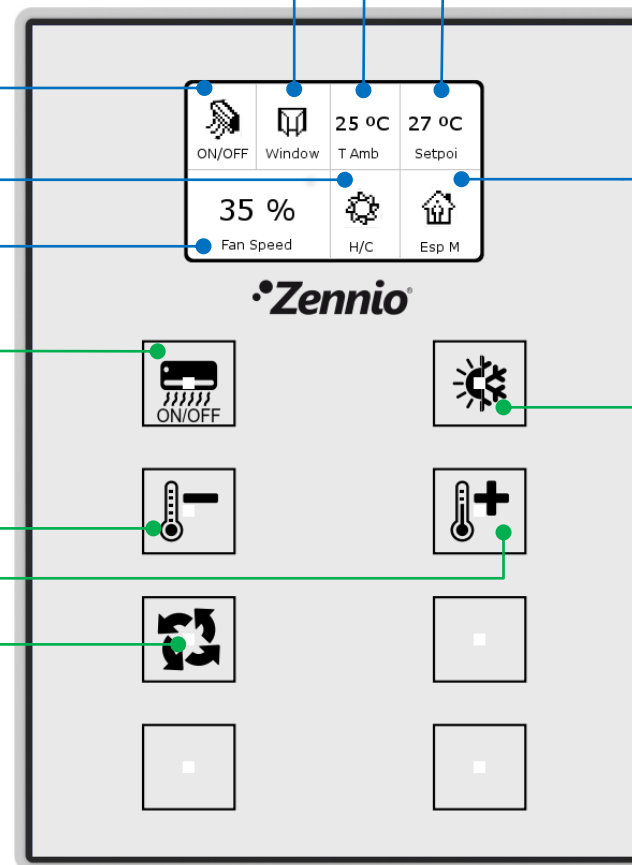
Ambient temperature status

Setpoint status

Special mode status



Fan coil mode control Switching Heating/cooling



ATERNATIVE PRODUCTS

ROOM CONTROLLER ALTERNATIVES



[InZennio Z41](#) (Ref. ZN1VI-TP41)
KNX capacitive color touch panel.



[Z41 Lite](#) (Ref. ZVI-Z41LIT)
Full color capacitive touch panel lite.



[InZennio Z38i](#) (Ref. ZN1VI-TP38i)
Monochrome touch panel KNX.



[Roll-ZAS](#) (Ref. ZN1VI-TPZAS)
Touch controller.



[Square TMD-Display](#) (Ref. ZVI-SQTMDD)
Touch panel with 5 buttons and upper graphical display with thermostat.

FAN COIL ACTUATOR ALTERNATIVES



[MAXinBOX Hospitality](#) (Ref. ZCL-HP126)
Fan coil controller for 2/4 pipes units with 2 outputs and 6 inputs.*



[MAXinBOX FC 0-10V VALVE](#) (Ref. ZCL-FC010V)
Fan coil controller for a 2-pipe fan coil with 0-10 VDC valves and up to 4 fan speeds.*



[ACTinBOX MAX 6 FAN COIL](#) (Ref. ZN1IO-AB60)
2/4-pipes fan coil controller.*



[MAXinBOX FANCOIL 4CH2P](#) (Ref. ZCL-4XFC2P)
Fan coil controller for up to 4 units of 2-pipes fan coil.*



[MAXinBOX FANCOIL 2CH2P](#) (Ref. ZCL-4XFC2P)
Fan coil controller for up to 2 units of 2-pipes fan coil.*



[ACTinBOX QUATRO FAN COIL](#) (Ref. ZN1IO-AB40)
2-pipes fan coil controller.*

*For fan coils with fan speed control by relays.