

4-pipe and 3 speed fan coil control with proportional valves controlled with 0-10VDC signal



ROOM CONTROLLER

- Switch On/Off
- Setpoint
- Mode control (Heating/Cooling)
- Fan control:
 - Automatic/manual
 - Fan speed control



THERMOSTATIC CONTROL

It sets a continuous control variable (0-100%) which represents the heating and cooling request due to the difference between ambient temperature and setpoint. [\[+ Info\]](#)

- Control: continuous PI of 1 byte.



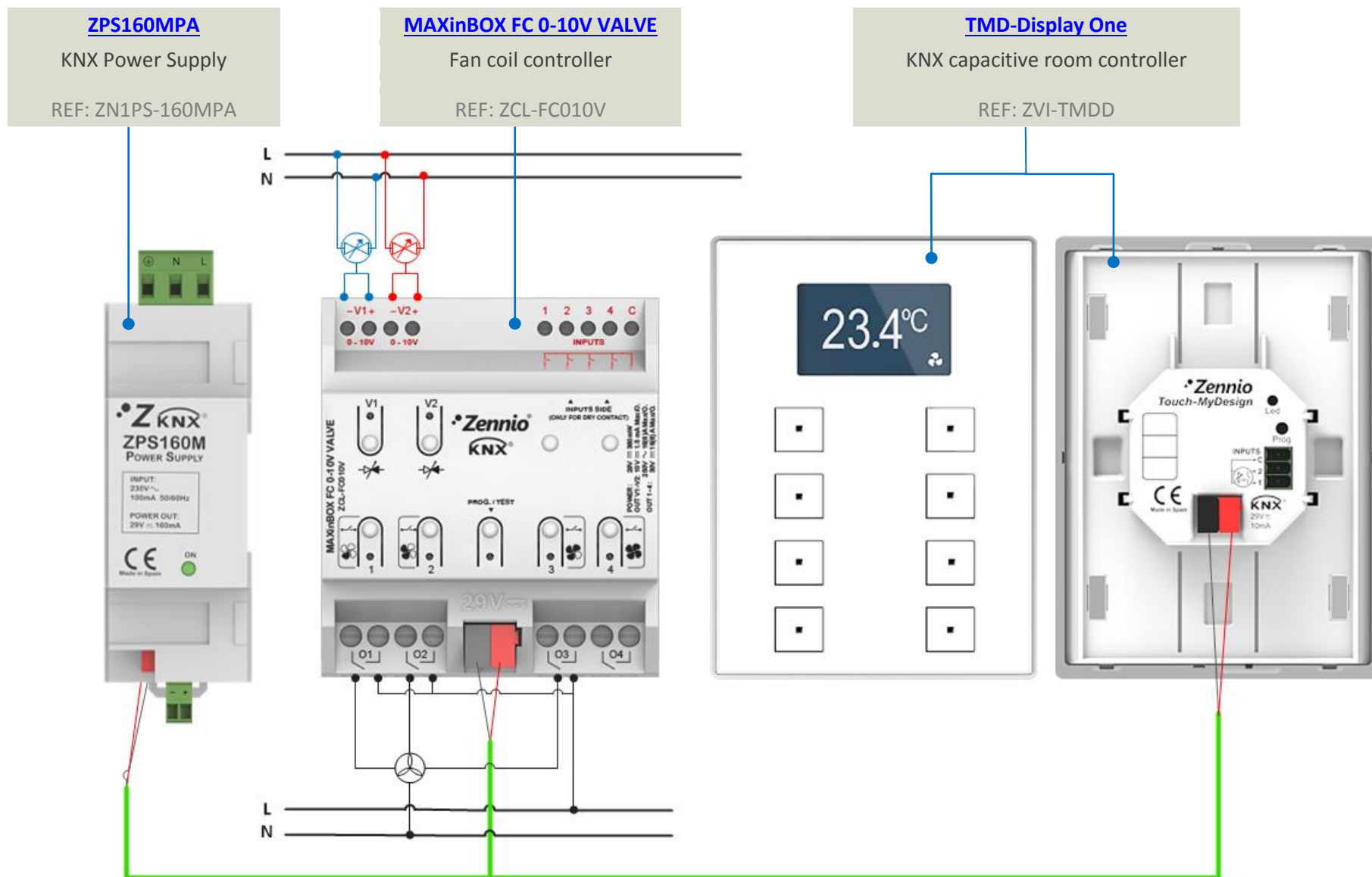
FAN COIL CONTROLLER

- Opening valves percentage through continuous control signal (0-10V).
- Relays opening and closing for fan speed control. Delay for fan deactivation when valve closes in order to dissipate heat/cool from the exchanger (optional ETS).

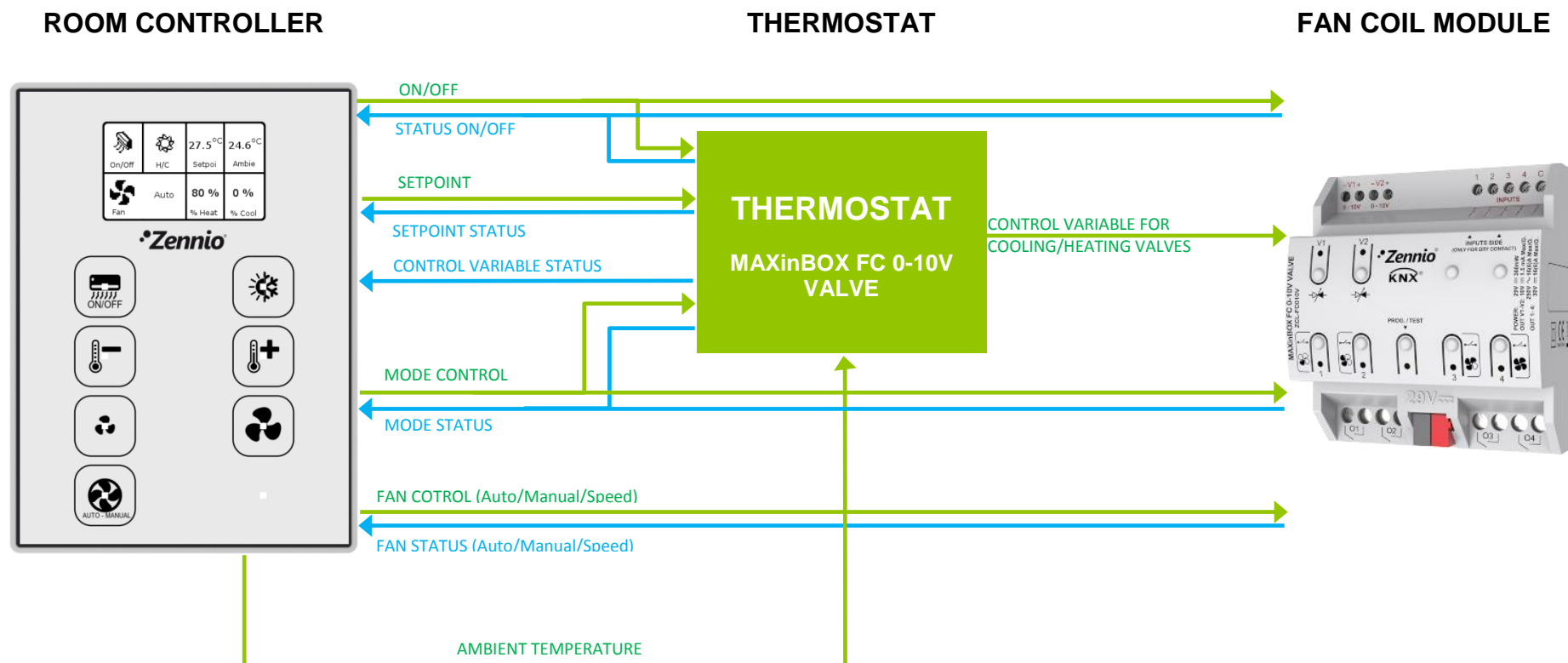
IMPORTANT: When checking ETS Project, activating the option “! Show changes” on parameter tab, the symbol “!” will appear showing the modified parameters on ETS.



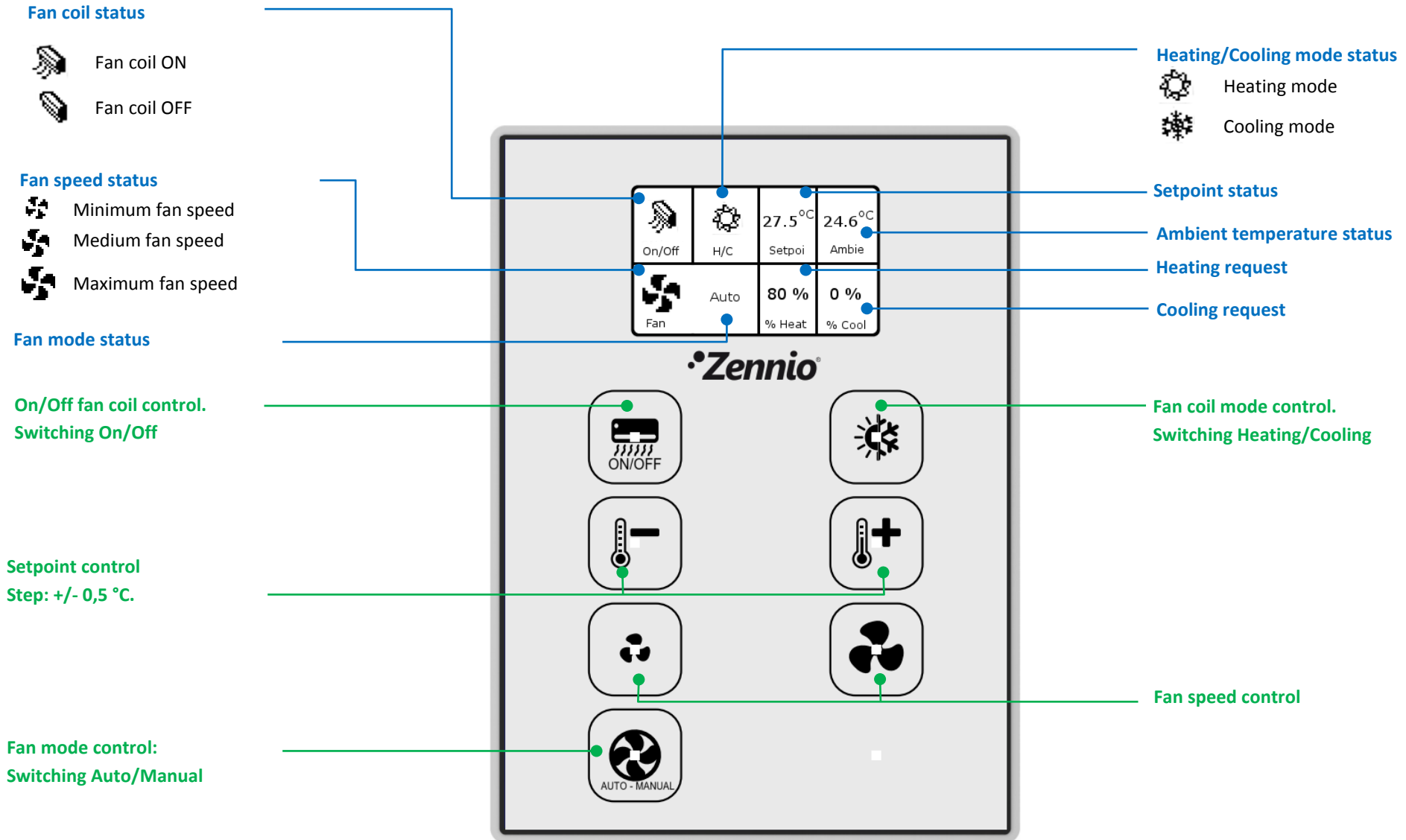
NEEDED DEVICES AND WIRING DIAGRAM



KNX COMMUNICATION OBJECTS



ROOM CONTROLLER



ALTERNATIVE 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 FAN (Ref. ZCL-FC010F)
Fan coil controller for up to two 2-pipe or 4-pipe units with 0-10 VDC fan speed control signal.*



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 valves controlled by on/off relays.