

## 4-PIPES AND 3 FAN SPEEDS FAN COIL CONTROL



### ROOM CONTROLLER

- On/Off
- Setpoint
- Mode (Cool/Heat)
- Manual/Auto Fan Speed
- Manual Fan Speed (3 speeds)



### THERMOSTAT CONTROLLER

- Window sensor (input 1)
- Control: Continuous PI (1 byte).
- Window status: When "1" is received, protection mode is sent for avoiding energy waste.



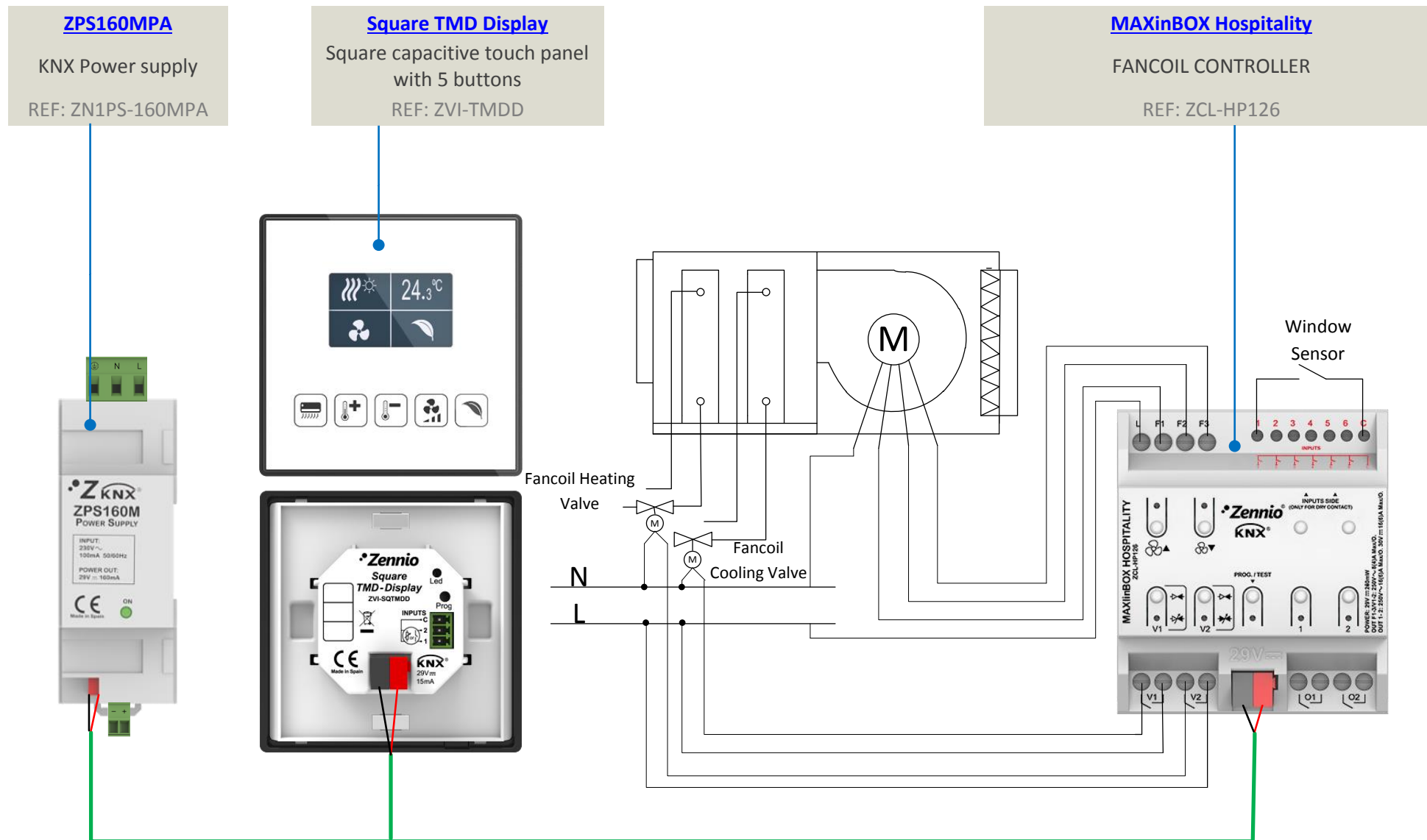
### FANCOIL CONTROLLER

- Open/Close Fancoil valves
- 3 fan speeds
- Auto/Manual Fan Speeds
  - $\Delta < 50\%$  → Minimum speed
  - $50\% < \Delta < 75\%$  → Medium speed
  - $\Delta > 75\%$  → Maximum speed
- Keep fan activated in cooling mode when valve closes (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.

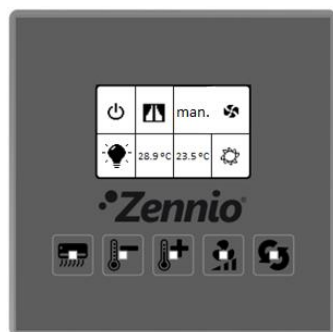


## NEEDED DEVICES AND WIRING DIAGRAM

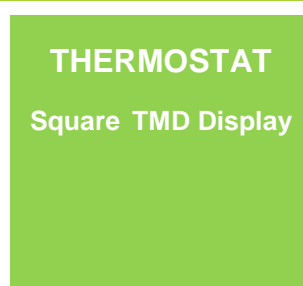


## KNX COMMUNICATION OBJECTS

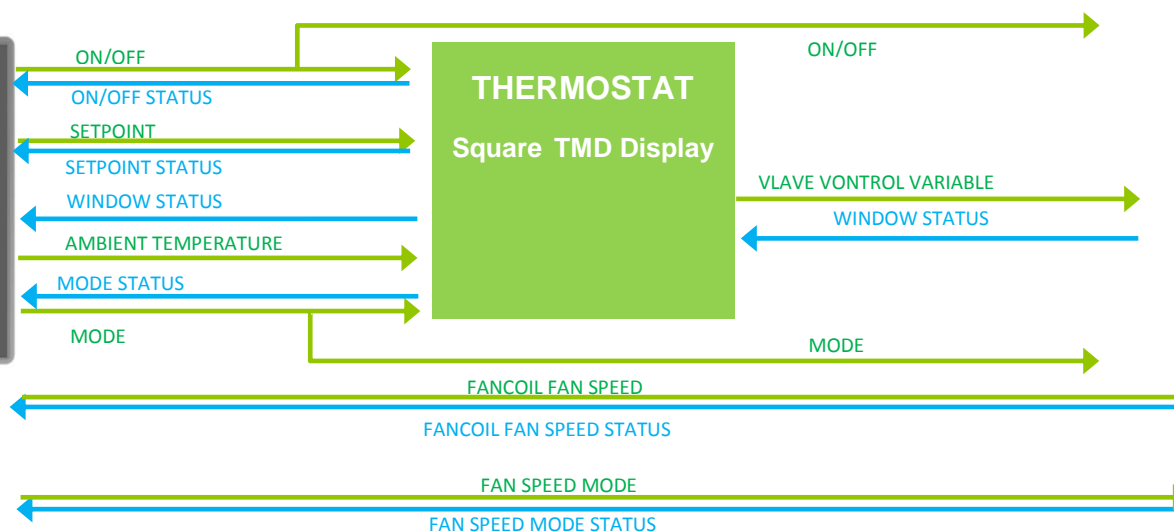
### ROOM CONTROLLER



### THERMOSTAT





### FANCOIL CONTROLLER





## ROOM CONTROLLER

### Window status

-  Closed window
-  Open window

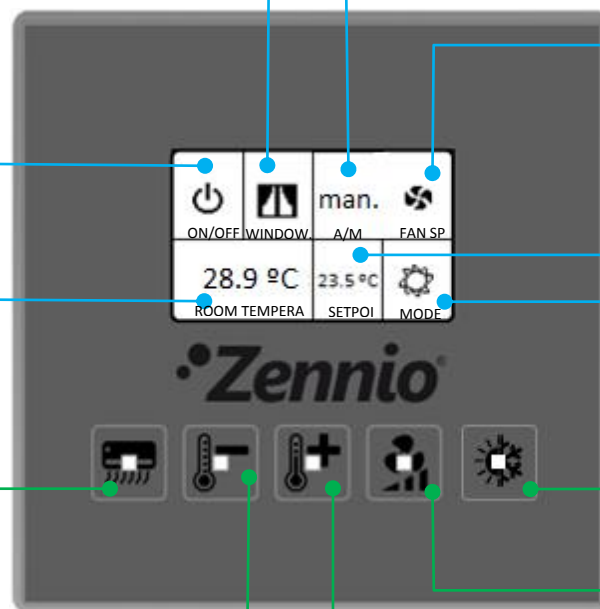
### Working status indicator

-  FanCoil OFF
-  FanCoil ON

### Ambient temperature indicator

### Fancoil On/Off control




Setpoint control.  
Step +/- 0,5 °C.



### Fan speed mode status



- man. Manual mode
- auto. Auto mode

### Fan speed status

- Off Fan off
-  Low fan speed
-  Medium fan speed
-  High fan speed

### Setpoint status

### Mode status (cool/heat)

-  Cool mode
-  Heat mode

### Fancoil mode control

### Fan Speed Control

- Short Press: Fan speed manual selection
- Long press: Manual/auto fan speed mode

## 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)  
Touch Panel NX



**Roll-ZAS** (Ref. ZN1VI-TPZAS)  
Room controller



**TMD-Display One** (Ref. ZVI-TMDD)  
KNX Capacitive Room controller

### FAN COIL ACTUATOR ALTERNATIVES



**MAXinBOX FC 0-10V FAN** (Ref. ZCL-FC010F)  
FANCOIL Controller for up to Two 2-Pipe or 4-Pipe Units with 0-10 VDC Fan Speed Control Signal

\*For Fan coils with fan speed regulation through 0-10 VDC signal



**ACTinBOX 6 FANCOIL** (Ref. ZN1IO-AB60)  
2/4-pipes fan coil controller



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



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



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



**MAXinBOX FANCOIL 2CH2P** (Ref. ZCL-2XFC2P)  
Fan coil controller for up to 2 units of 2-pipes fancoil