

CRYSTAL, CLASSIC, TOUCH PRO THERMOSTATIC SWITCH



PRODUCT INTRODUCTION

an advanced, intelligent device designed for seamless remote control via the Z-Wave 800 LR Series network. Compatible with any standard Z-Wave gateway, the APEX keypad integrates effortlessly into your smart home system. Featuring four touch-sensitive buttons, each capable of two actions (long press and short press), the APEX offers versatile control options. The RGB backlight allows for customizable status colors for each button, and icons can be easily swapped by the dealer without the need for specialized equipment on Crystal series. Experience unparalleled convenience and customization with the APEX Smart Thermostatic Keypad.

SPECIFICATIONS

Model number	APX-(Crystal, Classic, Touch pro)
Power requirement	100 to 240VAC / DC24V / AC+0-10V
Power consumption	<1W
Frequency	868.4MHz EU (optional)
Z-wave Series	800 LR
Operational temperature	-10 to +70 °C
Humidity	5% to 90% non-condensing
Weight	0.2 kg
Material	Glass / Aluminum
Standard Size	86x86m EU size
Fan Load (coils current)	1.5A per inductive output

ADD TO Z-WAVE NETWORK

1. Connect to Power: Ensure the device is connected to a power source.
2. Check LED Status: Confirm that the LED status lights are steady.
3. Initiate Pairing: Touch and hold the first button for 4 seconds. The blue LED indicators will start blinking. Ensure your Z-Wave gateway is in identification mode.
4. Complete Joining: When the device enters identification mode, the blinking color changes to green. Wait for the process to complete, indicated by all LED lights becoming steady.

REMOVE FROM Z-WAVE NETWORK

- 1- Ensure Device is Powered: Confirm the device is connected to a power source.
- 2- Set Gateway to Exclusion Mode: Put your Z-Wave gateway into exclusion mode (refer to your gateway's user manual).
- 3- Touch and hold the first button for 12 seconds until the red LED lights start blinking. If the

gateway is in exclusion mode, the device will be removed from the network.

RESET TO FACTORY SETTING (Network reset)

- 1- Initiate Reset: Touch and hold the first button for 12 seconds until the red LED lights start blinking, then release the button.
- 2- Complete Reset: Immediately press and hold the first button again for another 12 seconds. The device will restart and reset to factory settings.

QUICK REFERENCE

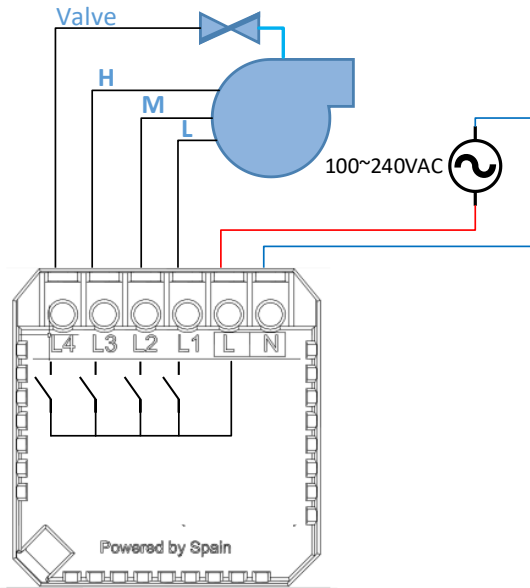
Buttons	Description
	Thermostat on/off button WHILE THERMOSTAT IS ON: LONG PRESS FOR 3 SEC: change mode (cool, heat, fan) WHILE THERMOSTAT IS OFF: LONG PRESS FOR 3SEC: active or deactivate temperature display on OFF mode
	Increase or decrease temperature set point
	Fan coil speed control: low, medium, high or Auto LONG PRESS FOR 5SEC: enable or disable temperature display LOCK

SERVICE

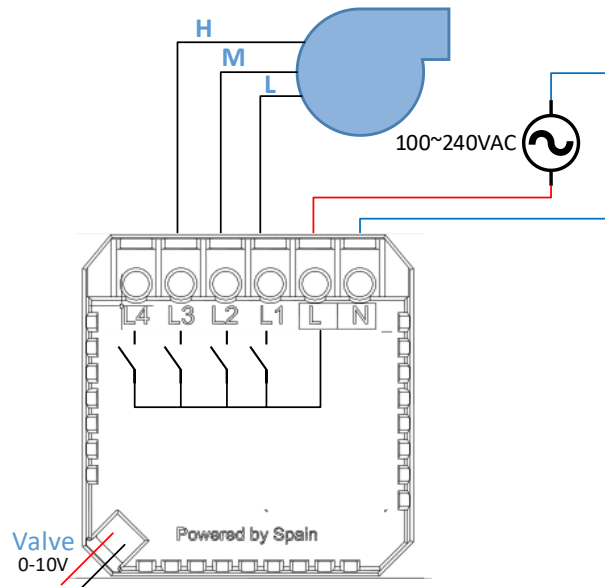
Your Thermostatic keypad switch carries a 24-month warranty from the date of Installation.



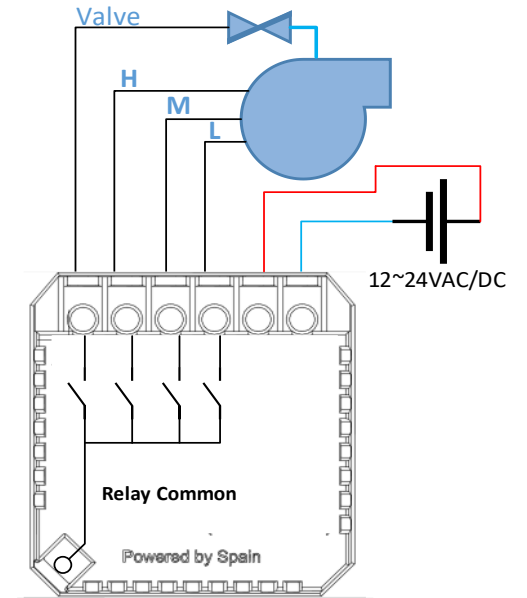
WIRING DIAGRAM:



AC POWER 3SPEED FAN COIL



Valve 0-10V
+ -
AC POWER +3SPEED FAN+ DC 0-10V Valve



DC POWER 3SPEED FAN COIL