



CRYSTAL, CLASSIC, TOUCH PRO THERMOSTATIC SWITCH

CANBus



What is a CAN bus?

A Controller Area Network (CAN) refers to a network of independent controllers. It is a serial communications protocol that efficiently supports distributed real-time control with a high level of security. The CAN bus standard was developed by Bosch and Intel and has been in use since 1990.

PRODUCT INTRODUCTION

The APEX smart thermostatic switch is an intelligent device that can be controlled through a CAN-BUS network. The limitation of nodes (CAN-BUS products) is about 110 units per bus. This switch can be used to control two curtain motors simultaneously or four light controls. You can assign



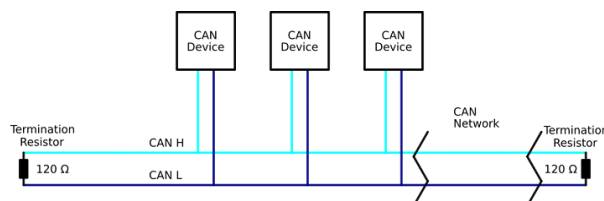
the internal relay to any touch buttons (short or long-press).

SPECIFICATIONS

Model number	APX-(Crystal, Classic, Touch pro)
Power requirement	110 to 240VAC
Power consumption	<1W
Protocol	CAN-BUS
Operational temperature	-10 to +70 °C
Humidity	5% to 90% non-condensing
Weight	0.2 kg
Material	Glass/Aluminum
Face plate dimension	86x86mm
Total Load (With Neutral)	1800W Res, 600W LED
Number of inside relays	4
Temperature sensor accuracy	+/- 0.1 °C Digital sensor

Requirement

1. An APEX MINI-IP or DIN-RAIL module must be available in the project.
2. All CAN-BUS devices must be connected together with one twisted pair cable as shown in the schematic below.

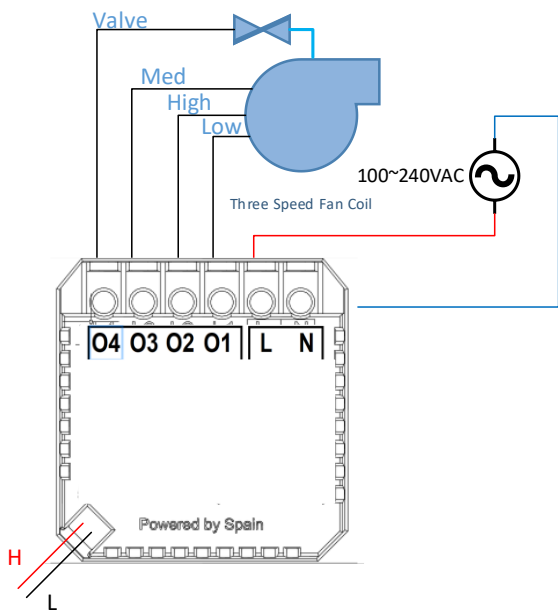


SERVICE

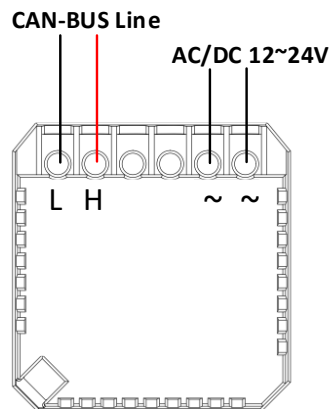
Your Thermostatic keypad switch carries 24-month warranty from date of purchase.

WIRING DIAGRAM

AC TYPE:



DC TYPE:



DC+INPUT TYPE:

