

HL107 Series Thermostats

General

HL107 series thermostats are used to control room temperature in industrial, commercial and residential environment via controlling the fan coil units (With or without motorized valve) , dampers, diffuser etc., which uses NTC to detect the room temperature and compare it with the set-point so as to automatically keep the room temperature stable.



Features

- To control fan coil, valve and damper etc.
- Manual switch to select work state and use knob to set the temperature.
- Thermostats can be directly mounted on the wall or standard wiring box.
- Elegant shape with high reliability

Model Definitions

HL107

- F:** Control Fan Coil to turn on/off and fan speed to change.
- DA:** Control Fan Coil and Motorized Valve. When the temperature reaches the set-point, the motorized valve will be closed with fan coil still running.
- DB:** Control Fan Coil and Motorized Valve. When the temperature reaches the set-point, the motorized valve and the fan coil will be closed.
- Y:** Control damper/diffuser, when the temperature reaches the set-point, the damper/diffuser will be closed.
- D4:** Control Four Configuration Fan Coil and Motorized Valve.

Main Functions

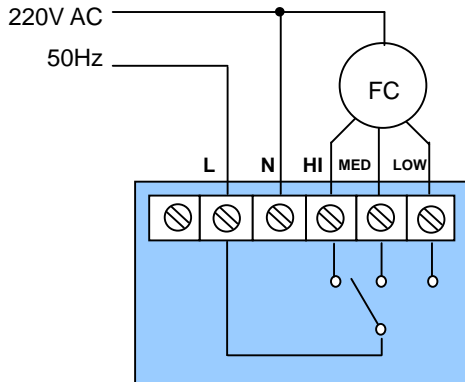
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|----------------------------|--------------------------|
| Turning On/Off | Fan Speed Adjustable |
| Cool/Heat Exchange Control | Room Temperature Setting |

Specifications

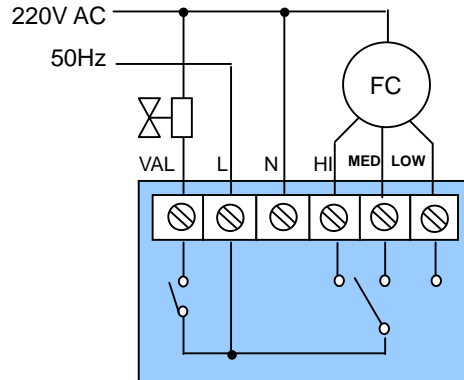
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|---------------------------|---|
| Sensor: NTC | Power Supply: 220V ± 10% , 50/60Hz |
| Set-point Range: 10 ~ 30 | Power Consumption: < 2W |
| Operating Difference: ± 1 | Dimension: 85 × 130 × 43 mm (W × H × D) |
| Max. Load : < 150W | Shell: Fire Retardant ABS |

Wiring Diagrams

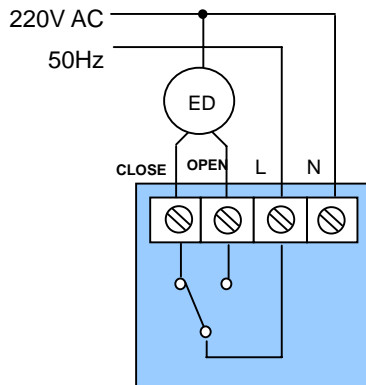
HL107F



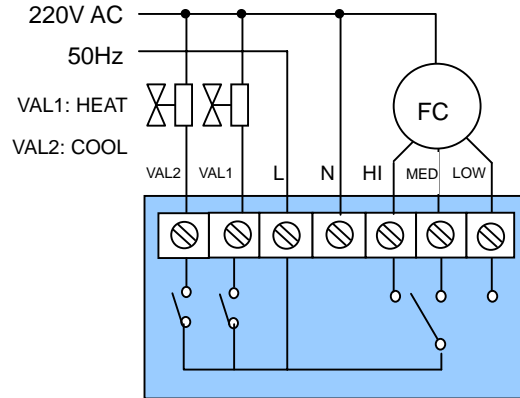
HL107DA/DB



HL107Y



HL107D4



Installation

