

# SRT025E SERIES ELECTRONIC THERMOSTAT

## DESCRIPTION

SRT025E series electronic thermostats are manufactured perfectly. They are widely used in commercial, industrial and residential buildings. They are suitable for room temperature control of heating, cooling or year-round air-conditioning system, especially for fan coil, electrical heater, etc. The thermostat is highly sensitive, easy-installation and reliable.



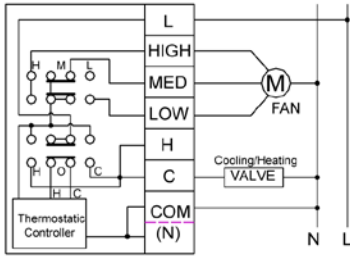
## SPECIFICATIONS AND TECHNICAL DATA

|                        |  |  |
|------------------------|--|--|
| MODEL                  | SRT025EA   | System: HEAT-OFF-COOL; Fan: HIGH—MED—LOW         |
|                        | SRT025EB   | System: ON-OFF; Fan: HIGH—MED—LOW                |
|                        | SRT025EC   | System: HEAT-OFF-COOL; 4-PIPE; Fan: HIGH—MED—LOW |
| POWER SUPPLY           | 220VAC±10%, 50/60Hz  |  |
| OUTPUT SINGAL          | 220VAC±10%,50/60Hz 2(1)A (Relay output)  |  |
| POWER CONSUMPTION      | 6VA  |  |
| WORKING RANGE          | 10~30℃   |  |
| TEMPERATURE DIFFERENCE | ±0.8℃  |  |
| SENSITIVE ELEMENT      | NTC 10K  |  |
| FAN OUTPUT             | 220VAC±10%, 50/60Hz 3 (1) A  |  |
| WIRING CONNECTION      | Wiring terminal:0.5~1.5 mm <sup>2</sup> , Wiring connection: 0.5~1.5 mm <sup>2</sup> |  |
| HOUSING MATERIAL       | Hard fireproof ABS plastic, UL94V-0 standard   |  |
| STORAGE TEMPERATURE    | -10 ~ 60 ℃   |  |
| AMBIENT TEMPERATURE    | Max 90%RH non-condensation   |  |

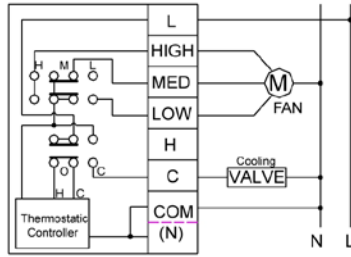
## INSTALLATION INSTRUCTION

1. Mount the thermostat vertically on the wall in the air-conditioned room. It should be 1.5m above the floor so that it can measure the room temperature accurately with enough air passing through.
2. Install the thermostat in the place without direct shining and from cooking device or other heat sources.
3. Loosen the screw on the top of the cover (but don't take them out to avoid losing). Remove the cover according to the Installation Diagram (Notice: Do not remove the adjusting knob.)
4. Pass the wires through the square hole of the base bottom. Connect the wires to the terminals as shown on the Installation Diagram inside the cover and tighten them.
5. Fix the base on the connection box with screws.
6. Keep the two switches at the lowest position (marked "COOL" and "LOW"). Fix the cover as the arrow direction according to the Installation Diagram. Eventually tighten the screw on the cover.
7. The optional standard connection box is wall-mounted with screws and standard terminals. The size is 86x86x32. Details are shown on the Installation Diagram.

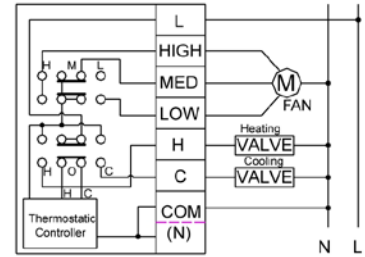
# WIRING DIAGRAM



SRT025EA



SRT025EB



SRT025EC

# INSTALLATION DIAGRAM

