

IBS05E ELECTRONIC THERMOSTAT

DESCRIPTION

IBS05E series electronic thermostats are mainly used in central air-conditioning heating and cooling system. It provides temperature control for central air-conditioning fan coil cooling/heating zone valve or other electric actuator by the control signal which is produced by comparison of actual tested ambient temperature and setting temperature.



CHARACTERISTICS

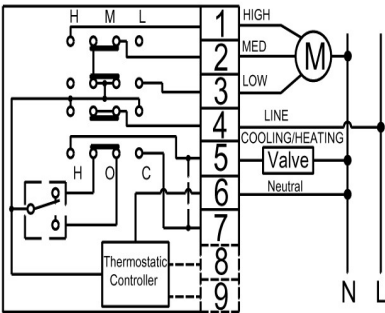
- Smart and simple design.
- Connected with internal or external sensor.
- Spare parts with high quality. It can control the temperature accurately and with high sensitivity and reliability.
- Convenient installation. Wall-mounted, embedded, embedded-plate or concealed mounted.

SPECIFICATIONS AND TECHNICAL DATA

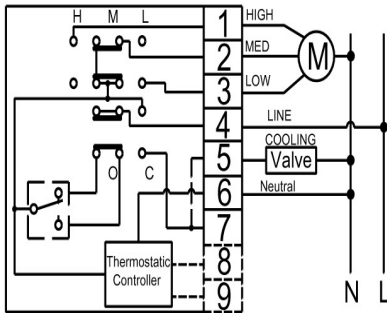
MODEL	IBS05EA	IBS05EB	IBS05EC
TYPE	2-pipe, heat-off-cool	2-pipe, off-cool	4-pipe, heat-off-cool
POWER SUPPLY	220V AC $\pm 10\%$, 50/60 Hz		
CONTROL RANGE	10~30°C		
OUTPUT SIGNAL	Relay output on/off signal		
POWER CONSUMPTION	5VA		
CONTROL PRECISION	$\pm 1^{\circ}\text{C}$		
SENSITIVE ELEMENT	NTC thermistor (10K), for external sensor, the wire should not exceed 15m		
RATED LOAD OF FAN SWITCH	6 (2) A 250V AC		
WIRING CONNECTION	Wiring terminal connection, wiring 0.5~1.5mm ²		
HOUSING	Fire-proof ABS engineering plastic, compliance with UL94V-0 standard		
WORKING ENVIRONMENTAL RANGE	0 ~ +50°C and 10 ~ 90% RH non-condensation		
STORAGE TEMPERATURE RANGE	-10 ~ 60°C		
NET WEIGHT	70g		

WIRING DIAGRAM

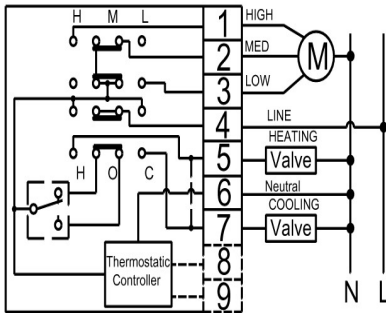
IBS05EA



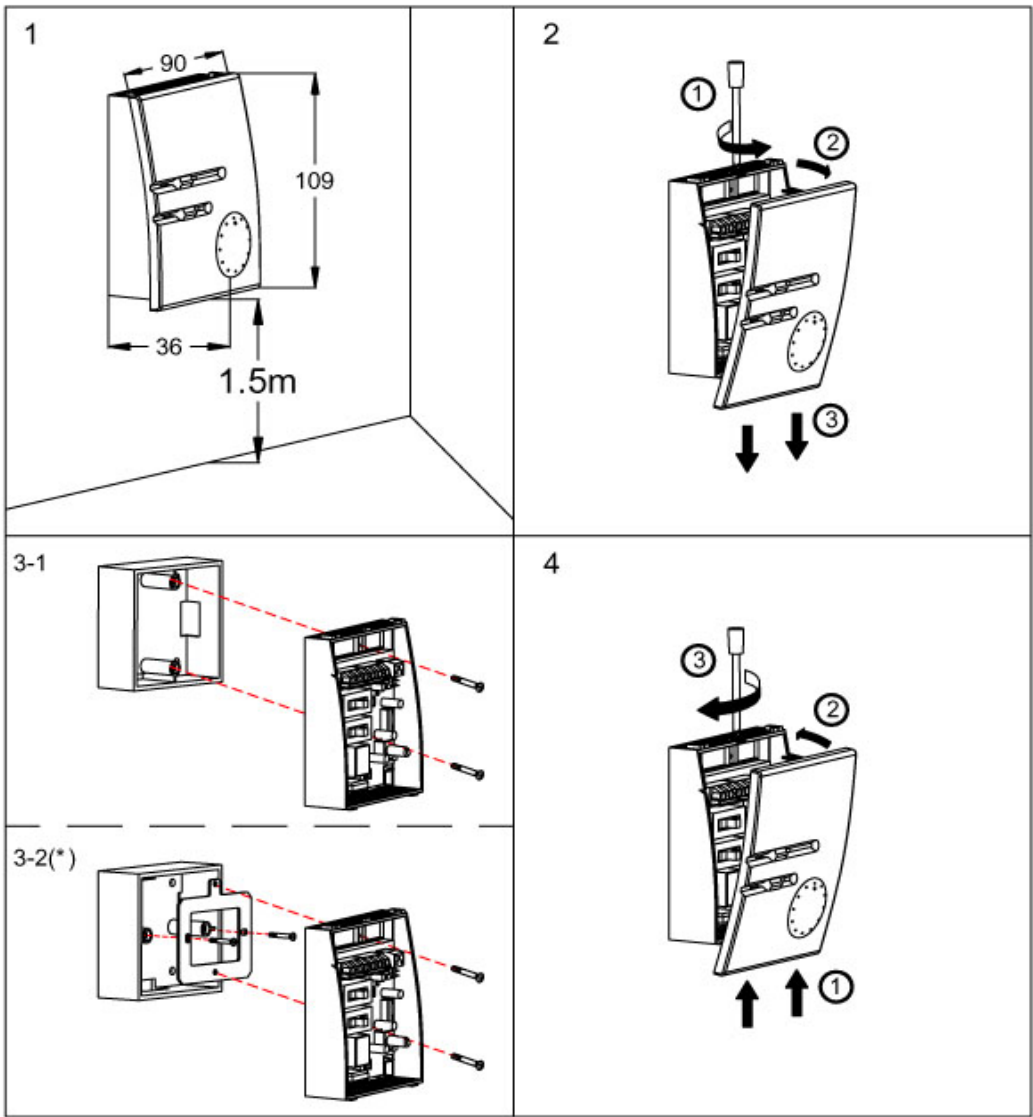
IBS05EB



IBS05EC



INSTALLATION DIAGRAM



*Horizontal hole installation board is for optional.