

Heat Sensor Automatic Fan start

Code: HB11

During summer season, the temperature at night is initially quite high however as time passes, the temperature starts dropping. After falling asleep, the metabolic rate of one's body decreases. Thus by then we start feeling cold but due to we being asleep will not be aware thus unable to switch OFF the fan and any such cold feeling if awakens us then that disturbs our sleep cycle and this problems creates a situation of need to use blanket thicker than required to bear the actual room temperature at night because of artificially created extra coldness.

This project Switch ON/OFF the 220V operated fan depends up on calibrated temperature This circuit uses a LM35 temperature sensor along with a CD 3130 comparator

Circuit:

HEAT SENSOR AUTOMATIC FAN START/HB11



