

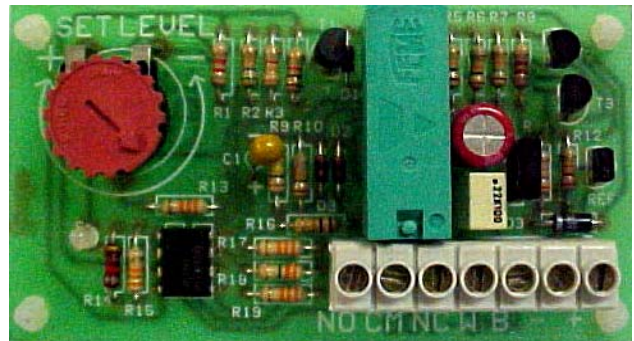
Speed Monitoring - RHE 100

Speed evaluation board for EC motors.

Provides an output if the motor speed crosses a pre-determined border.

Features

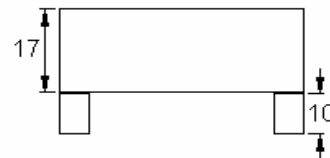
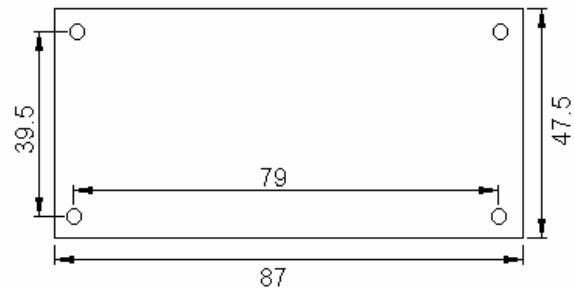
- 10-24 volt dc input
- pre-set for speed target
- relay output rated 230v 8A normally open & normally closed



Installation

1. Install in a dry sheltered position. Do not install in close proximity to heat sources. The maximum ambient temperature for the monitor must not exceed 40°C.
2. Nylon mounting pillars are provided for mounting, and can take 1/8" diameter self tap screw.
3. Only one fan can be connected to the monitor board.
4. The monitor can be incorporated into any circuit, to act as a switch.

Dimensions

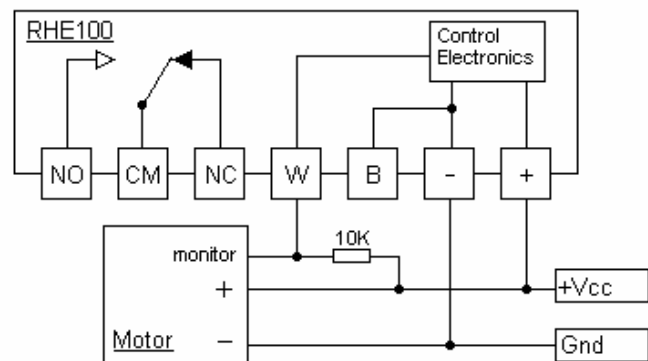


Pillar Inside \varnothing 1/8"

Operation

5. The RHE-100 monitors the signal from the Hall effect sensor mounted within the fan motor.
6. The relay-switch transitions when the speed of the fan falls below a pre-determined level.
7. The level is set with the variable resistor, mounted on the circuit board.
8. The input (Terminal W) is designed to take TTL signal. Therefore, it may be necessary to fit a pull up resistor. This resistor is shown in the connection diagram

Connection Diagram



This monitor is compatible with ebm-papst products.