

ICM709 GE 2.3 ECM CONTROLLER



Features

PWM Output

A low current Pulse Width Modulated signal for controlling the speed of a GE 2.3 ECM based on user settable potentiometers (SET0 - SET4) and a thermostat's requested call.

RPM Feedback

On-board LED diagnostics for a visual indication of the motor's status.

Mode of Operation

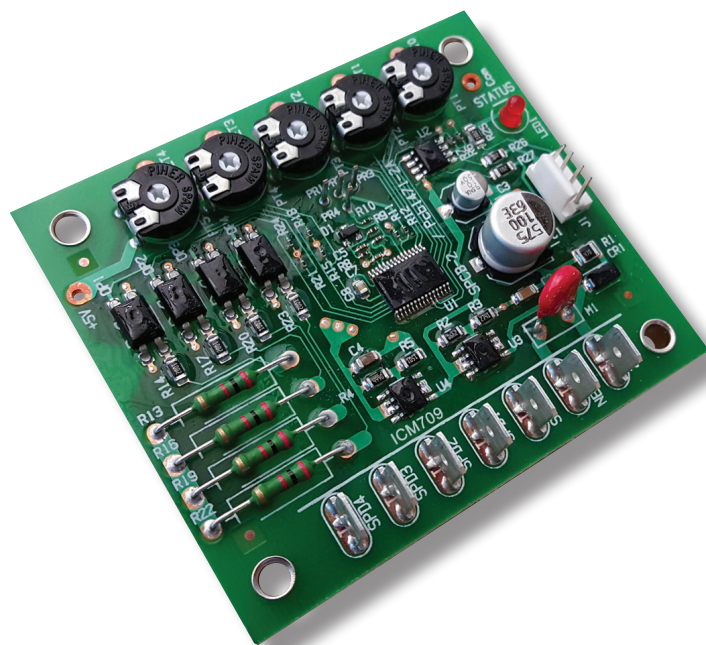
The **ICM709** will control the speed of a GE 2.3 Electronically Commutated Motor (ECM). Upon receiving a thermostat call on terminations SPD1 - SPD4 the **ICM709** will output an ON signal and a PWM signal to the motor. The motor's speed will increase by 1% for every 0.5 seconds, and the final speed of the ECM corresponds to the call being made and a percentage of the call's potentiometer setting.

If multiple thermostat calls exist, the input with the higher number shall be acted upon.

If the control has power yet no SPD terminal has a thermostat call, the motor will be supplied with a speed corresponding to SET0.

Replaces

EVO/ECM-4Spd



Specifications

Power Supply:	18-30VAC
RPM Input:	15VDC
Thermostat Inputs (SPD1 - SPD4):	18-30VAC
PWM & ON/OFF Outputs:	14VDC (PWM 80Hz)

Wiring Diagram

