

Replaces: IEC E025-71521506

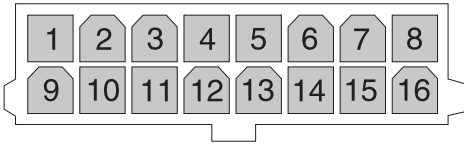
MODE OF OPERATION

The ICM712 is a motor speed controlling interface for use with a low voltage thermostat or automated control unit to control the ECM's output.

SPECIFICATIONS

- **24 VAC Thermostat Inputs:** O, MED, HIGH, Y1 and LOW
- **PWM input:** BK/PWM
- **Electrical Rating:** 24 VAC (18-30 VAC)

PIN CONNECTIONS



- | | |
|---------------------------|-----------------------|
| 1. Return Valve | 9. Common (C1) |
| 2. Humidistat (BK) | 10. W/W1 |
| 3. Heat Tap Select | 11. Common (C2) |
| 4. 24 VAC (R) | 12. Delay Tap Select |
| 5. 2nd Stage Heat (EM/W2) | 13. Cool Tap Select |
| 6. 2nd Stage Cool (Y/Y2) | 14. Y1 |
| 7. Fan (G) | 15. Adjust Tap Select |
| 8. Output (+) | 16. Output (-) |

ECM SPEED CONFIGURATIONS

The ECM's speeds can be configured for either of the following output signals.

A	No Signal	
B	Half Wave (+)	
C	Half Wave (-)	
D	Full Wave	

WIRING DIAGRAM

