



# ICM272

## FAN BLOWER CONTROL

AE2301

- *Cooling control module with built-in fan delay*

### SPECIFICATIONS

#### Input

- **Voltage:** 18-30 VAC

#### Output

- **Rating:**
  - **N.O.:** 20 amps
  - **N.C.:** 10 amps

#### Time Delay

- **Fixed:** 90 seconds

### DESCRIPTION

The ICM272 circuit board may be used to replace the HK61GA003 and the older HK61GA001 board. When replacing the HK61GA001 board you must do the following:

1. If the HK61GA001 board has an accessory Time Delay Relay (TDR), remove and discard the TDR. The ICM272 board has a built-in TDR.
2. The common of the transformer was connected to the "C" on the HK61GA001 "circuit board." The hot side of the transformer was connected to "R" on the HK61GA001 "terminal board." The HK61GA003 and the ICM272 are exactly the **opposite**.
3. When installing the ICM272 board, be sure to remove the sheet metal bracket from the old board and install it on the new board using **all** screws. Be sure to install the screw from the back of the board into the bracket and from the terminal board to the bracket. Reinstall the star washer if equipped. The bracket allows a ground path from the center of the circuit board to the unit casing. A break in the ground path will cause the board to malfunction.
4. The male quick connects on the HK61GA001 circuit board were all 1/4". The HK61GA003 board has some 3/16" quick connects on the common side of line voltage. Replace the 1/4" female quick connects on the motor common wire (F1), transformer common (T1), and EAC1 wire (if equipped), with 3/16" quick connects (field supplied).