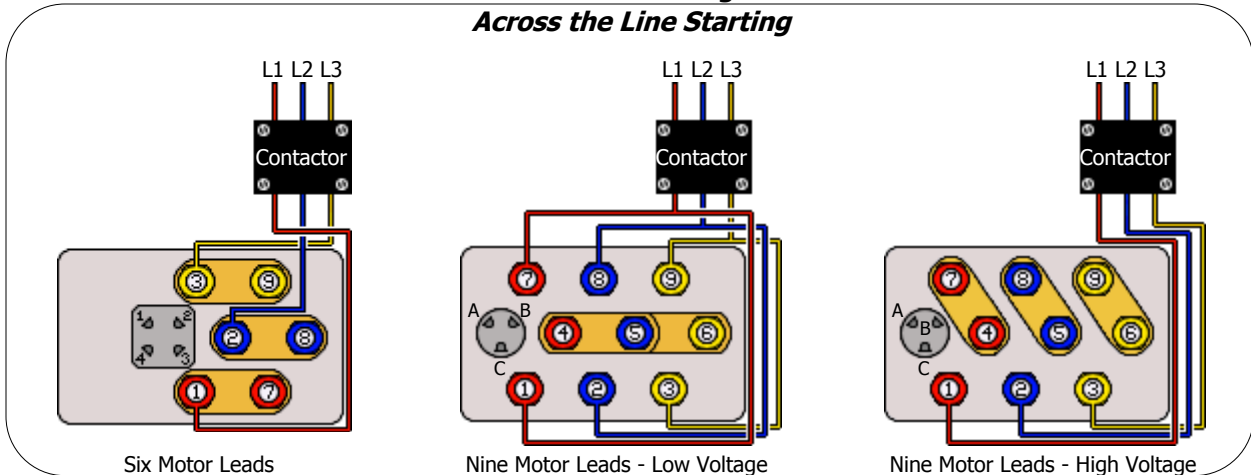


**Chrysler Airtemp
3000 Series Compressors
Motor Terminal Diagrams
Across the Line Starting**

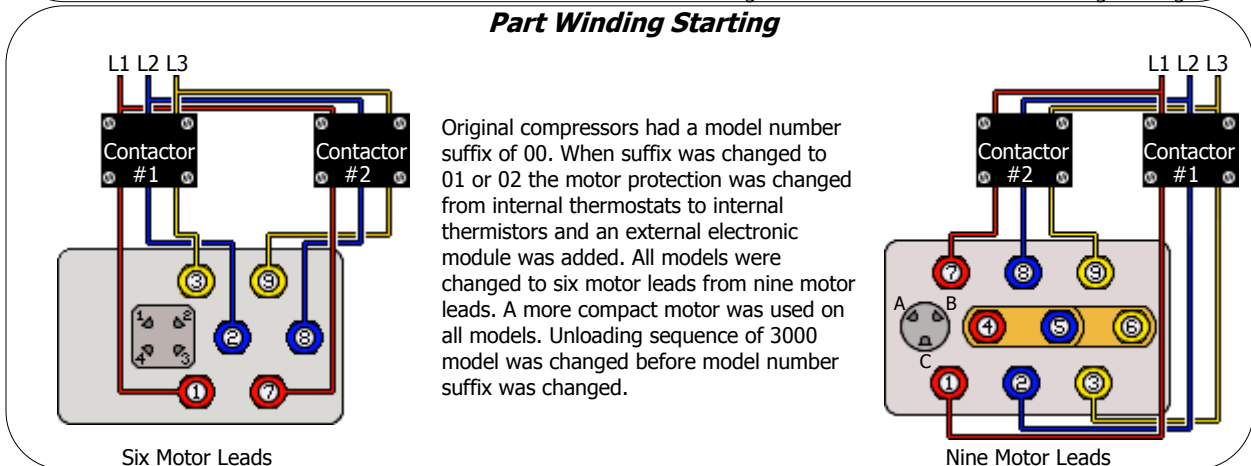


Six Motor Leads

Nine Motor Leads - Low Voltage

Nine Motor Leads - High Voltage

Part Winding Starting

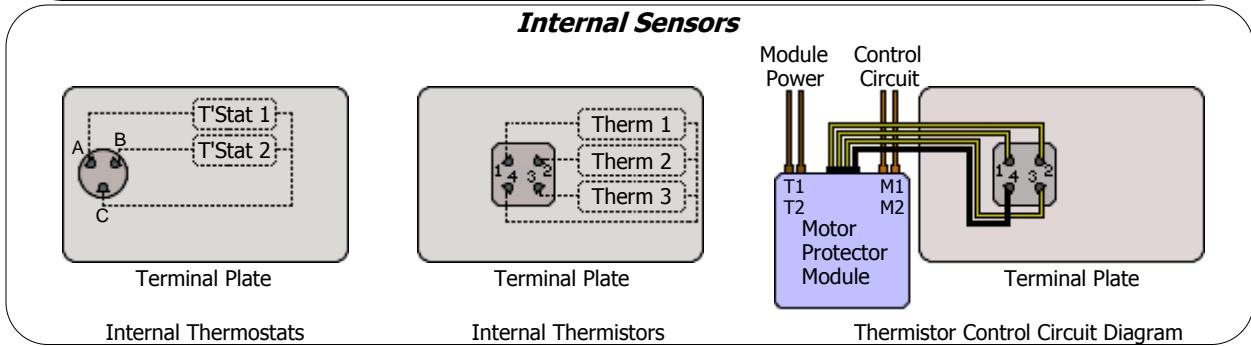


Six Motor Leads

Nine Motor Leads

Original compressors had a model number suffix of 00. When suffix was changed to 01 or 02 the motor protection was changed from internal thermostats to internal thermistors and an external electronic module was added. All models were changed to six motor leads from nine motor leads. A more compact motor was used on all models. Unloading sequence of 3000 model was changed before model number suffix was changed.

Internal Sensors



Terminal Plate

Terminal Plate

Terminal Plate

Internal Thermostats

Internal Thermistors

Thermistor Control Circuit Diagram

With internal thermostat protection connect control circuit to terminals A & B. These terminals should have 100% continuity when checked with an ohmmeter. If either thermostat opens and fails to close check continuity from A to C and B to C. Connect control circuit to pair that has continuity. Internal thermistors should read between 65 and 105 ohms depending on their temperature. Module trip point is 100 ohms. Use a battery operated ohmmeter to check the thermistors. If one of the thermistors should become defective you may "jump" it with an 80 ohm ¼ watt resistor. This arrangement will reduce motor protection but will allow the compressor to operate.