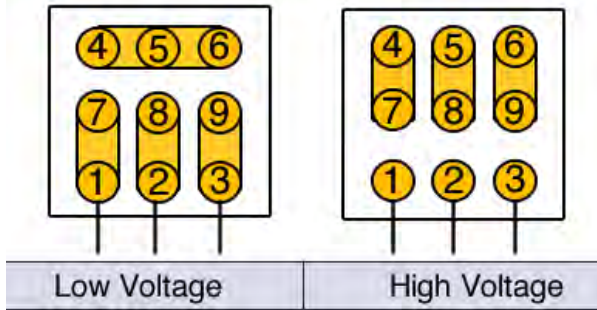




## ELECTRICAL CONNECTIONS

### 3 Phase IEC YY/Y 9 Lead Connection Diagrams



ZENO Motors sizes 50 to 80 frames will include 1 Normally Closed 130°C Thermostat wound into the motor windings. In the terminal box you will see two leads not connected to the terminal block. If your control system has a normally closed circuit to maintain run, wiring the thermostat in series with this circuit will protect the motors winding from overtemperature by removing power to the motor when  $\geq 130^{\circ}\text{C}$ . If you do not have provisions for this form of protection, simply leave this circuit alone.

Zeno motors sizes 90 to 200 frame will have a Thermistor integrated into the motors winding. The thermistor will vary in resistance with relationship to the temperature of the stators winding. This allows for precise monitoring of the motors internal temperature,  $\Delta T$ , and a preset limit can be set.

Encoder & Brake Electrical Connections Diagram are provided as needed.

