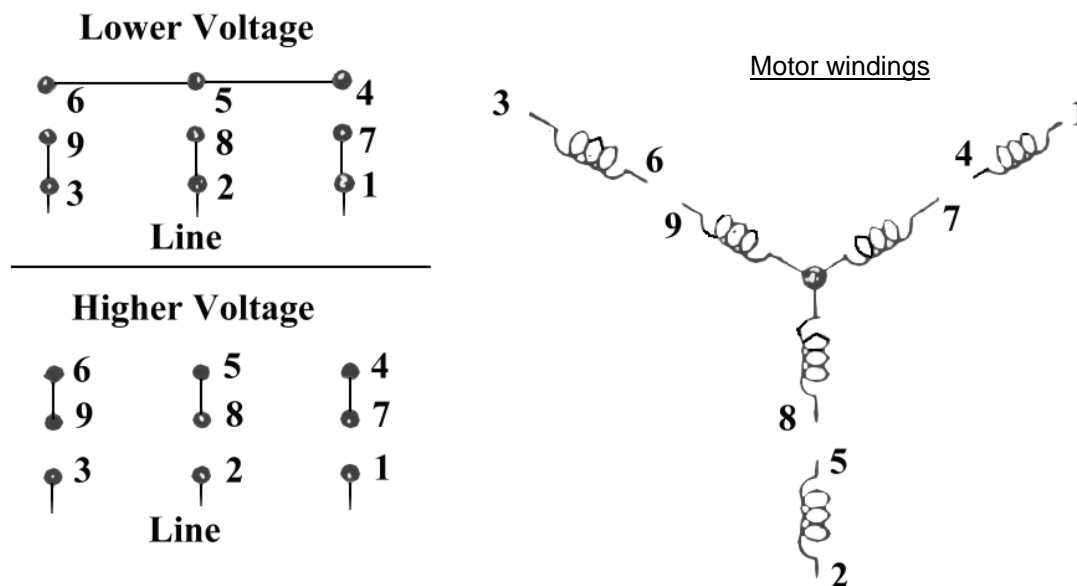


Electrical “Motor Failure”

1. Turn power **OFF** at the control panel main disconnect.
2. Check all wire connections between motor junction box and contactor/starter (line and load sides of contactor, overload, terminal blocks, etc.).
3. Be sure amp. setting is correct on adjustable overload (refer to data plate).
4. Check that motor is not stuck or jammed (should spin freely).
5. Listen for rough sound indicating possible bad bearings (when spinning).
6. Run motor and check amp. draw on all legs of power (all should be close and within rating on data plate).

If motor does not operate or trips overload, immediately

1. Turn power **OFF** at the control panel main disconnect.
2. Open motor junction box and disconnect wires from motor.
3. Check for shorted motor (refer to diagram).
 - a. Check each winding on motor to ground (should be no continuity to ground).
 - b. Check each winding to each other for cross short.
 - c. Check each winding for “Open”.
4. Check for continuity (no opens) in wires from motor junction box to control panel.



Motor wiring diagram