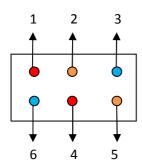
Electric Motor Terminal Block



Red Wires = Phase R, Orange Wires = Phase S and Blue Wires = Phase T, All Six leads to Wye-Delta Starter.

If you check ohms with motor leads disconnected from starter you only can have readings between 1-4, 2-5, and 3-6. Other combinations will give you open circuit.

Above pair of wires belongs to each phase winding and in good winding the readings with standard meter most be very similar but false(for quick check is OK but the best way is take readings with micro-ohmmeter, Kelvin bridge or surge tester).