TECHTOP
electric motors





Motor Connection Diagrams

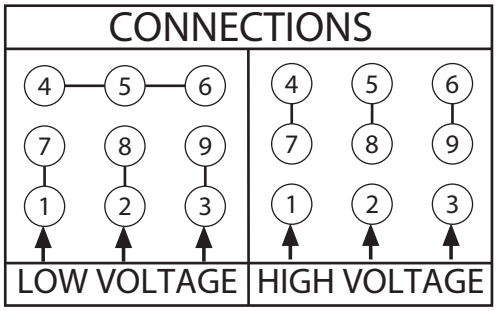
3 Phase NEMA Motors

3 Phase - YY/Y - 9 Lead

4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD

Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom

Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom

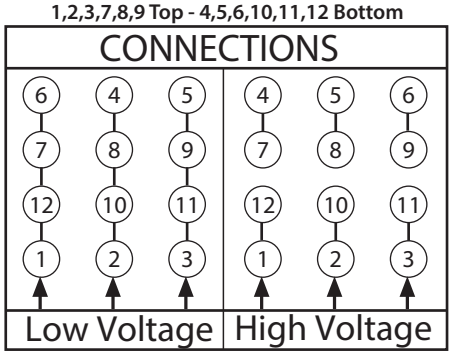


3 Phase - Δ/ΔΔ - 12 Lead

T1 & T4: Blue / T2 & T5: White / T8 & T11: Black

T9 & T12: Red / T3 & T6: Orange / T7 & T10: Yellow

1,2,3,7,8,9 Top - 4,5,6,10,11,12 Bottom

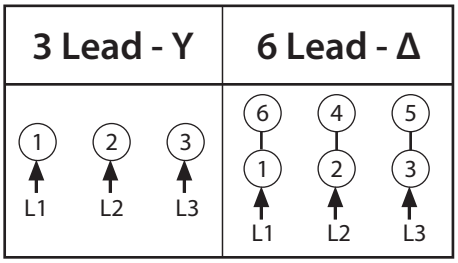


3 Phase - Single Voltage

T1 & T4: Blue / T2 & T5: White

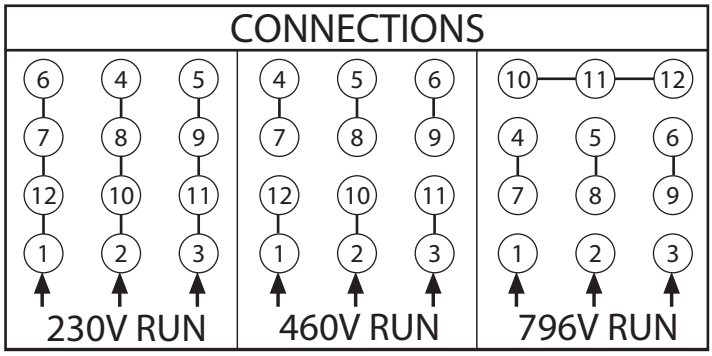
T3 & T6 Orange

1,2,3 Top - 4,5,6 Bottom



3 Phase - Δ/ΔΔ/Y - 12 Lead - Tri-Voltage

Lead Color and location are the same as 12 lead above

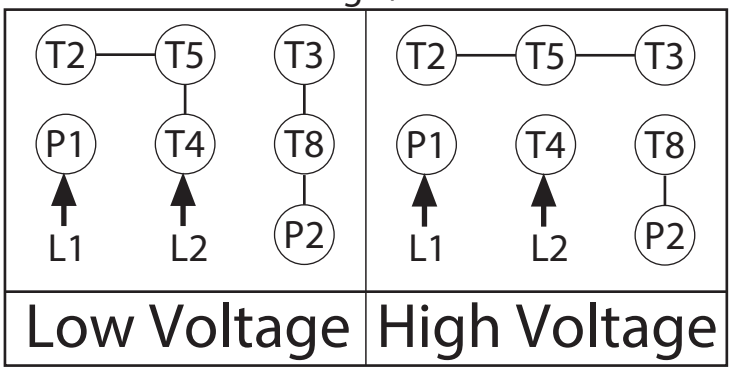


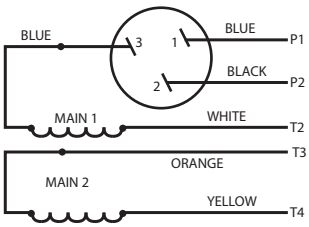
Single Phase - NEMA

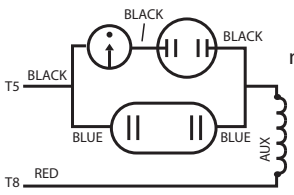
Dual Voltage - RD1 Line

P1: Blue / P2 & T5: Black / T2: White

T3: Orange / T8: Red



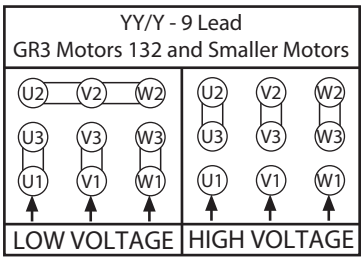


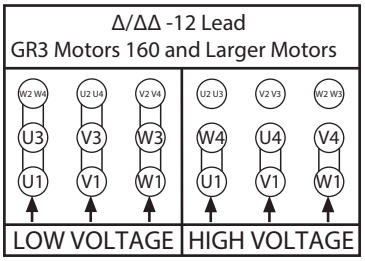


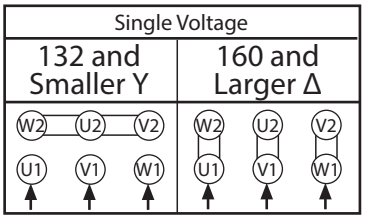
Leads may not be color coded

Interchage T5 and T8 to Reverse Rotation

3 Phase IEC MOTORS

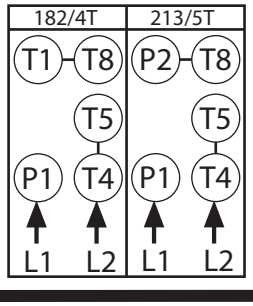


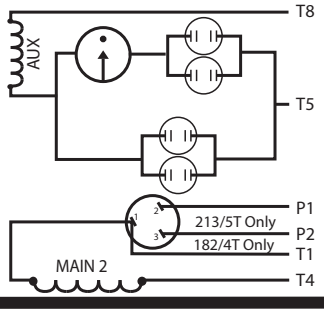




Single Voltage - RD1 Line - Frame 182T - 215T

Interchage T5 and T8 to Reverse Rotation





When Motor is in F1 position, leads indicated as "TOP" exit the casing above the center line of the motor and those indicated as "Bottom" exit below the center line. This informationcan be used to identify missing or mislabelled leads.

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