Three-Phase Wiring Diagrams

ALWAYS USE WIRING DIAGRAM SUPPLIED ON MOTOR NAMEPLATE
- colored leads are only applicable on the NEW ROLLED STEEL motor lines -

### Description
9 leads
Valid for voltage Code: E
Frames 56 and 143/5

Wiring Diagram

9 leads
Valid for voltage Codes: E
Frames 182/4 and 213/5 for E code
Frames 143/5 through 213/5 for V code

12 leads
Valid for voltage Codes: E & V
Frames 254/6 and above for E voltage code
All Frames for V voltage code
Motors are capable of WYE/Delta start
Motors are capable of part-winding start at the low voltage

12 leads
Valid for voltage Code: G
Frames 254/6 and above
Motors are capable of WYE/Delta start
Motors are capable of part-winding start

6 leads
Valid for voltage Code: J, H, P, Q, W & Y
All frames
Q code can also have only 3 leads

3 leads
Valid for voltage Code: Q
All frames
Q code, non IEEE-841 motors, can also have 6 leads

### Wiring Diagrams

**DOL**

**WYE - DELTA**
- Low Voltage
- High Voltage

**WYE - DELTA (Metric)**

**DOL**
Single-Phase Wiring Diagrams

ALWAYS USE WIRING DIAGRAM SUPPLIED ON MOTOR NAMEPLATE

FOR MOTORS WITH THERMAL PROTECTION

Single Voltage / Single Rotation

Single Voltage / Reversible Rotation

Dual Voltage / Single Rotation

Dual Voltage / Reversible Rotation

Split-Phase Motor

Capacitor Motor
Single-Phase Wiring Diagrams

ALWAYS USE WIRING DIAGRAM SUPPLIED ON MOTOR NAMEPLATE

FOR MOTORS WITHOUT THERMAL PROTECTION

**Single Voltage / Single Rotation**

![Diagram showing Single Voltage / Single Rotation](image1)

**Single Voltage / Reversible Rotation**

![Diagram showing Single Voltage / Reversible Rotation](image2)

**Dual Voltage / Single Rotation**

![Diagram showing Dual Voltage / Single Rotation](image3)

**Dual Voltage / Reversible Rotation**

![Diagram showing Dual Voltage / Reversible Rotation](image4)

**Split-Phase Motor**

- **Low Voltage**: T1-Blue, T6-Gray
- **High Voltage**: T1-Blue, T3-Orange, T4-Yellow, T5-Black

**Capacitor Motor**

- **Low Voltage**: T1-Blue, T2-White, T3-Orange, T4-Yellow, T5-Black
- **High Voltage**: T1-Blue, T2-White, T3-Orange, T4-Yellow, T5-Black, T8-Red