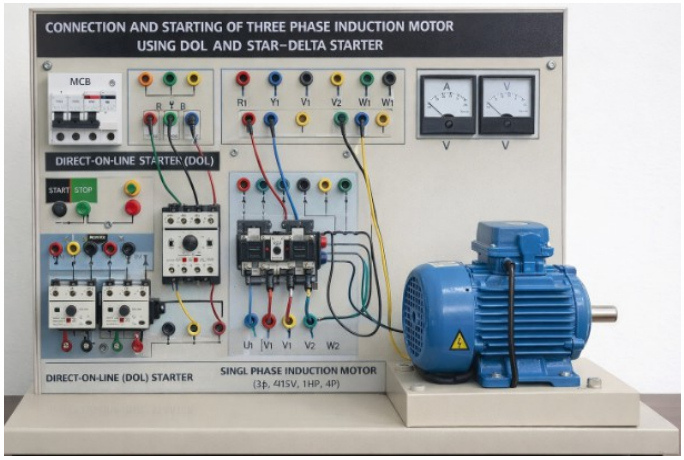

Application

This experimental setup is designed to study the connection and starting methods of a three-phase induction motor using:

- Direct-On-Line (DOL) Starter
- Star–Delta Starter

The system enables analysis of starting current, torque characteristics, and operational performance under different starting techniques. Suitable for electrical engineering laboratories and industrial training institutes.

System Configuration

Each setup consists of the following components:

Three-Phase Induction Motor

- Type: Squirrel Cage Induction Motor
- Number of Poles: 4 Pole
- Rated Voltage: 415V AC
- Terminals: 6 terminals (suitable for Star–Delta connection)
- Designed for laboratory experimentation and performance studies

Direct-On-Line (DOL) Starter

- Suitable for direct starting of three-phase induction motor
- Includes necessary protection and switching arrangement
- Enables study of full-voltage starting characteristics

Star–Delta Starter

- Designed for reduced voltage starting

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

- Compatible with 6-terminal motor configuration
- Enables transition from star to delta connection
- Suitable for studying reduced starting current and torque behavior

Functional Features

- Demonstrates DOL and Star–Delta starting methods
- Allows comparison of starting current and performance
- Safe and structured wiring configuration for academic use
- Suitable for practical laboratory demonstrations

Note:This is an AI generated image..Actual product may vary at the time of manufacturing

Export Sales: +91-9829132777
India Sales: +91-9588842361
IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Jaipur-302022, India.
info@tesca.in
www.tescaglobal.com