

**Product Name :**  
Electrical Industrial Installations

**Product Code :**  
CE712



**Description :**

Electrical Industrial Installations

**Technical Specification :**

Electrical Industrial Installations

A professional Electrician provide a safe and reliable electrical service to ensure that all work is in accordance with the relevant National rules. This includes assembling, installing, testing and maintaining electrical wiring, equipment, appliances, etc. An electrician also diagnose and repair malfunctioning systems, apparatus, and components when a fault is present.

This catalogue illustrates the laboratories for the study of industrial installations, where all trainers have modular structure and it consists of didactic panels with symbols and diagrams that are installed on a vertical frame. The modularity of these didactic systems grant to the students a direct and immediate approach to the topic, offering the opportunity to study various subjects performing different experiments.

This laboratory comprehends the following five configurations:

Experiment:

Single-pole control auxiliaries

Contactor

Logic operators

Contactor self-supply

Interlock between contactors

Sequentially controlled contactors

Exclusive-OR operator

Excitation delayed timer

De-excitation delayed timer

Static timer  
Advanced Industrial Installation  
Experiment:  
Thermal relay  
Manual star/delta starting  
Manual reverser  
Timed sequence control  
Pulse generator  
Automatic star/delta starting  
Star/delta starter with reverser  
Counter-current braking  
Basic Motor Starting  
Experiment:  
Manual starter with rotor resistances  
Automatic starter with rotor resistances  
Speed variator for Dahlander motor  
Speed variator and reverser for Dahlander motor  
Automatic reverser for three-phase asynchronous motor  
Advanced Motor Starting  
Experiment:  
Motor starting with switch  
Star/delta starting with switch  
Reverser with switch  
Star/delta starting, 2 rotation directions, with switch  
Speed variator for Dahlander motor with switch  
Speed variator for Dahlander motor, 2 rotation directions, with switch  
Motor Starting With Sensors  
Experiment:  
Motor starting and control with limit switch  
Motor starting and control with inductive sensor  
Motor starting and control with capacitive sensor  
Motor starting and control with photoelectric barrage sensor  
Motor starting and control with photoelectric reflecting sensor  
Motor starting and control with level sensor  
Motor starting and control with level variations  
Motor starting and control with pulse programmer  
Sequence of motor starting, 2 rotation directions, with motor stop between the 2 operations with cam programmer.

## Naugralabequipments

**Website:** www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

**Address:** 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India. **Phone:** +91-9896600003