



**Nvis 7058 AC and DC Starter Demonstrator** is designed to explain the basic concepts of AC and DC Starters. A motor starter is a device used with AC and DC electric motors to temporarily reduce the load and torque during startup.

It includes an inbuilt AC and DC Starter such as Star Delta Starter, DOL Starter, Three Point Starter and Four Point Starter in a sequential manner. Students can get knowledge of the basic concepts and working of starters in an easy way. Diagrammatic representation of connection diagram for the entire starter is illustrated on the panel so that students can easily understand the internal architecture of AC and DC Starters. This product gives complete knowledge about AC and DC Motor Starter.

### Features

- Stand alone operation
- Exclusive and rugged designed panel
- Designed by considering all the safety precautions
- Online product tutorial
- Diagrammatic representation for the ease of connections
- Demonstration of both AC and DC motor starter

### Scope of Learning

- Study of DC (Three Point & Four Point) starter
- Study of AC (Star Delta and DOL) starter

### Technical Specifications

**Input AC Mains** : 415V  $\pm$  10%, 50Hz

#### AC Motor Starter

Star Delta Starter : 1KW/15HP, 415V AC (Automatic)

DOL Starter : 3 Phase, 415V AC

#### DC Motor Starter

Three Point Starter : 220V DC, 10A

Four Point Starter : 220V DC, 10A

**MCB** : 10A

**Dimensions (mm)** : W 930 x D 350 x H 680

**Weight** : 38kg (approximate)

#### Optional Accessories

- 1 HP, DC Shunt Machine
- Nvis 725, DC Supply
- 1 HP, Three Phase AC Squirrel Cage Induction Machine