# Star-angle mode for asynchronous motor...............

## 1.Requirements

When the motor starts up, stator winding is connected into star mode, and switched off after a certain time delay, then after a certain time again, stator winding is linked into angle mode.

## 2.FAB Solution

When switching on the startup button I1, stator winding is connected into star mode, and switched off after 5 seconds delay, then after 1 second again, stator winding is linked into angle mode.

If switching on the stop button I2, contactor K1 or K2 is switched off and the whole system is cut off.

## 3.Components used

| Input | Output |
|-------|--------|
| I1 Startup button | Q1— K1 coil |
| I2 Stop button | Q2— K2 coil |

## 4.Advantages and Specialties

The conversion time for star-angle is changed as desired.

Fewer components are necessary than the traditional solutions.

## 5. Software Circuit Diagram