

## Automatic Slip-Ring Motor Starter

Bee Bee Automatic Slipping Motor starter are microprocessor based fully digital, state-of-the-art technology, designed to ensure the best starting and protection of Slip ring motors in an easy and efficient manner.

The control of the voltage applied to the motor by means of adjustments to the firing angle of thyristors along with current control allows the starter to start an electric motor smoothly. Reduced start currents and mechanical stress means lower energy, maintenance costs and extends service life.

### Benefits of Automatic Slipping Motor starter

- Smooth acceleration.
- Voltage or current is applied gradually, without the voltage and current transients associated with electro-mechanical reduced voltage starters.
- Lower start currents and/or shorter start times because constant current control gives higher torque as motor speed increases.
- Easy adjustment of start performance to suit the specific motor and load.
- Precise control over the current limit.
- Consistent performance even with frequent starts.
- Reliable performance even if load characteristics vary between starts.

### Features:

- Three-phase controlled smooth start
- Controlled by microcontroller
- Current and torque reduction during acceleration
- Integrated bypass relay
- Parameterization by means of a potentiometer
- Economically priced.
- Compact design
- 360° motor protection
- LCD display

### Motor protection:

- Over load protection
- Over voltage protection
- Under voltage protection
- Phase loss protection

### LCD Display:

20 X 4 LCD display provides online conditions like

- Input Voltage
- Running Current
- Mode
- OL current ranges
- Display the reasons for Tripping.

