

## MICRO CONTROLLED BASED SERVO STABILIZER (THREE PHASE)

Capacity Range upto 150KVA, 3 Ph

### TECHNICAL SPECIFICATIONS



**Maruthi Electronic Industries**

#### Protections

- Single Phasing Prevention
- Output Electronic Over Load Protection
- Phase Reversal Protection
- Input Short Circuit Protection with MCB
- Output Low Voltage Protection
- Input Over Load Protection with MCB
- Output High Voltage Protection
- Audio Alarm for Protections

Mains Input on 3 LED Indications and 3ph output ON One indication

- Indicated in mains Input on it self
- Indicated with LCD Display Input High
- Indicated in mains output on indication
- Indicated with LCD Display with separately Output high Cutoff and Output Low Cutoff
- Indicated with LCD Display Input low

**Data Log:** Last 100 fault events log with Date & Time stamp and works on FIFO basis.

**Very Important For CSD Analysis Problems**

#### Programmable Controls :

- Display Scrolling - Auto / Manual
- Start / Stop Buttons

**Menu / Start / Stop / Reset / Log Button**

#### Programmable Parameters

- Output voltage set ( 210-245V)
- Output Low Voltage Cutoff
- Input High on LCD Display
- Sensitivity / Regulation
- Over Load Cutoff
- CT full scale
- Output High Voltage Cutoff
- Input Low on LCD Display

#### Applications

- CNC / Laser / Robotic / Welding machines
- Medical equipments
- Processing Plants
- Textile / Moulding / Extruding machinery
- Escalators & elevators
- Large deep freezers
- IT & Telecommunication equipments
- Scientific & Lab equipments
- Printing / Publishing / Packing machines
- Hospitals / Hospitality Industries
- Air conditioning plants
- Any other microprocessor based machines

#### Metering : Digital LCD Display

##### Display :

- 20\* 4 LCD DISPLAY

##### Metering On LCD Display

- 3ph Input volt meter to read ph to ph and ph to Neutral Voltages
- Frequency meter to read system Frequency
- 3ph Ammeter to read Output Current on each ph
- 3ph Output volt meter to read ph to ph and

#### LCD Will Indicate The Following Protections :

- Output Low and High Voltage Protection
- Single Phasing Prevention
- Phase Reversal Protection
- Audio Alarm for Protections
- Output Electronic Over Load Protection

#### Programmable Control Timings :

- Over load Cutoff Time
- Auto Restart Time
- On & Off Delay Time