

Servo Controlled Voltage Stabilizer

(Oil Cooled 3 - 3500 KVA)



Features & Benefits

- No potentiometer adjustments
- All parameters can be modified using the keypad in the front panel
- Set input voltage band
- Set output voltage
- Set output voltage sensitivity
- Output over / Under voltage cut-off
- Input over voltage / Under cut-off
- Over load cut-off
- Trip time delay adjustments with variable setting
- Manual and auto start facility
- Output start and stop facility

Technical Specification
Servo Controlled Voltage Stabilizer

Oil Cooled 3 KVA - 3500 KVA

| Oil Cooled Servo Control Voltage Stabilizer | |
|--|---|
| Capacity | 3-3500 KVA |
| Input Voltage Range * | A) Range 1: 295 V-465 V B) Range 2: 340 V-480 V C) Range 3: 360 V-460 V |
| Output Voltage Range * | 380/400/415 V +/-1% Set |
| Input Frequency | 47-53 Hz |
| Control Type | Digital-Micro controller based |
| Correction Speed*** | 8 to 70 V / Sec |
| Reset | Manual / Auto Reset with time delay and programmable |
| Protections** | A) Electronic overload protection and short circuit protection upto 30 KVA through MCB and the manual bypass is built in. Above 30 KVA MCB /MCCB is an Optional. B) Electronic over & under voltage trip with time delay for input & output C) Phase reversal protection and cut off D) Single phase prevention and cut off E) Neutral failure protection F) Frequency cut off protection G) Earth neutral voltage cut off protection |
| Metering Digital Type (Class 1 Accuracy with Full Scale ± 1) | A) Input phase to neutral B) Input phase to phase C) Output phase to neutral D) Output phase to phase E) Load Current in all the phases F) Frequency |
| Audio Alarm | For tripping conditions |
| Nature of Cooling | ONAN |
| Effect of Power Factor | Nil |
| Waveform Distortion | Nil |
| Annunciation Panel | Non Latching LED indications with dual colour for Over load Latching Conditions |
| Efficiency | > 95 to 98% (Based on Capacity) |
| Cabinet Colour | Siemens Grey RAL 7032 |
| Provision of Cabling | Input and Output terminations with provisions for fixing cable glands |
| Servo Motor Drive | Rugged AC step synchronous motor |
| Operating Temperature | 0-45°C |
| Related Standard | IS 9815 |
| Degree of Protection | IP 40 |
| Application | Indoor / Outdoor |
| Display | LED/ LCD(Optional) |

* Range can be customised to customer requirement

◆ All specifications are subject to change

◆ Custom models available on request

** Above 30KVA is an Optional

*** Conditions Apply

Fuji Electric India Pvt. Ltd.

(CIN:U31900TN1985PTCO11866)

 119, 120, 120A, Electrical and Electronics Industrial Estate,
Perungudi, Chennai - 600 096, Tamil Nadu, India

☎ +91 78100 09955

✉ enquiry.fe@fujielectric.com

🌐 www.india.fujielectric.com


 Scan QR code for
Service support