SERVO VOLTAGE STABILIZERS

MICROPROSSESOR BASED

Three Phase Oil Cooled Servo

Sinetrac®

Single Phase Air Cooled Servo

Capacity	:	1kVA to 1000 kVA
Type	:	Unbalanced i.e. separate correction in each phase
Input Working Range (Standard Availability):		Single Ph.:173-277V / 160-260V / 140-280V / 120-280V Three Ph. :300-480V / 277-450V / 243-485V / 208-485V {or to order}
Output Voltage	:	220V / 230V /240V Setable Single Phase 380V / 400V /415V Setable Three Phase
Response Time	:	5 milli sec.
Speed of Correction	:	8V to 35V per phase i.e. 15V to 70V depending upon capacity & range stepless using variable transformer
Output Voltage Regulation	:	1% to 2.5% (depending on output set)
Efficiency	:	**98%** (at rated load) **(Greater than 95%)**
No Load Losses		Less than 1% (as Best Quality lamination used in transformer), True value return within a calendar year due to high energy savings
Effect of Power Factor on O/P Voltage	:	NIL
Waveform Distortion on O/P Voltage	:	NIL
Winding Wires & Connecting Cables	:	Pure electrolyte grade **copper not aluminium**
Input Frequency Variation	:	
45 to 55 Hz, effect on output voltage		NIL
By-Pass Arrangement	:	Optional*
Additional Facilities	:	Alarm Annunciator & manual operation*
Type of Cooling	:	Air Cooled upto 30KVA & oil cooled above that or as desired & dependent on input range
Enclosure & Mounting	:	**Powder coated** & On wheels in higher capacities

METERING: ANALOG / DIGITAL* (Digital Display in Microprocessor based)

- Input /output voltage phase to phase & neutral to phase.
- Ampere meter for Output Current per phase (optional).

PROTECTIONS:

- Under Voltage Protections i.e. cut off
- Over Voltage Protection i.e. cut off
- MCB or MCCB for Load Protection on Input side or output side.
- Single Phasing Protection i.e. shut down (optional)
- Phase Reversal Protection i.e. shut down (optional)

**** Due to continuous upgradation specifications may change without prior notice.***

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