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Technical Specifications for Servo Controlled Voltage Stabilizer, Capacity 5 - 10KVA, 1Phase

Input Section

Parameter

Input	Single Phase, Three wire (Phase, Neutral, Earth).
Capacity	5 to 10 KVA.
Input Voltage Range	195 V to 270V.

Output Section

Parameter

Specifications

Output	Single phase, Three Wire (Phase, Neutral, Earth).
Capacity	5KVA to 10 KVA (4KW to 24KW).
Loading	100% Continuous.
Overload	120% for 1 hour.
Regulated Output Voltage from no	230V +/- 2%.
Input Frequency Range	50 Hz +/- 3Hz.
Rate of correction	60 Volts per second.
Output Waveform	Input waveform.
Servo motor	A.C. Synchronous motor.
Control / Output accuracy	Automatic. Tolerance 2% set value.
Out Put Voltage Set Adjustment	Max + / - 10V of 230V [Manual Mode].
Insulation	Class F.
Cooling	Natural Air cooled.
Location	In-Door.
Ambient	0- 50 degree C.
Protection	IP21.
Cabinet	Free Standing / Castor Wheels.
Terminals:	Suitable terminal blocks for R, N, E. Copper / Armored cable.
Control:	1) Toggle switch provided to select Auto or Manual mode.
Auto	2) In the Auto mode the output voltage will be corrected Automatically.
Manual	3) In manual mode, Two push buttons are provided with Red and Black color to increase or decrease output voltage.
Indications	Input On, Output On, Input High, Input Low