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SINCE 1992

## Technical Specifications for Servo Controlled Voltage Stabilizer, Capacity 10 - 100KVA, 3Phase

### Input Section

#### Parameter

Input

Capacity

Input Voltage Range

#### Specifications

Three Phase, Four Wire. (R,Y,B,N,E)

10 to 100 KVA.

340 V to 470V (Line to Line V), 195 V to 270V (Line to Neutral).

### Output Section

#### Parameter

Output

Capacity

Loading

Overload

Regulated Output Voltage from no

Input Frequency Range

Rate of correction

Output Waveform

Servo motor

Control / Output accuracy

Out Put Voltage Set Adjustment

Insulation

Cooling

Location

Ambient

Protection

Cabinet

Terminals:

Control:

Auto

Manual

Indications

#### Specifications

Three phase, Four Wire. 100% un-balanced Load.

10KVA to 100 KVA (8KW to 80KW).

100% Continuous.

120% for 1 hour.

230V +/- 2% Line to Neutral.

50 Hz +/- 3Hz.

60 Volts per second.

Input waveform.

A.C. Synchronous motor.

Automatic. Tolerance 2% set value.

Max + / - 10V of 415V [Manual].

Class F.

Natural Air cooled.

In-Door.

0- 50 degree C.

IP21.

Free Standing / Castor Wheels.

Suitable terminal blocks for R, Y, B, N, E. Copper / Armored cable.

1) Toggle switch provided to select Auto or Manual mode.

2) In the Auto mode the output voltage will be corrected Automatically.

3) In manual mode, Two push buttons are provided with Red and Black color to increase or decrease output voltage.

LED indicators are provided per phase.

: Input On, Output On  
Input High, Input Low

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