Fuji Electric

Innovating Energy Technology

Consul Servo Controlled Voltage Stabilizer

(Air Cooled 3 - 250 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

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Technical Specification

Consul Servo Controlled Voltage Stabilizer

Air Cooled 3 KVA - 250 KVA

Air Cooled Consul Servo Control Voltage Stabilizer			
Capacity	3 - 250 KVA		
Input Voltage Range *	A) Range 1:310 V-480 V	B) Range 2: 340 V-480 V	C) Range 3: 360 V-460 V
Output Voltage Range *	380/400/415 V Set		
Input Frequency	47-53 Hz		
Control Type	Digital-Micro controller based		
Correction Speed***	16.6 to 70V / Sec		
Reset	Manual / Auto Reset with time delay and programmable		
Protections**	A) Electronic over & under voltage trip with time delay for input & output B) 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 Optional. 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 C) Output phase to neutral E) Load Current in all the phases	B) Input phase to phase D) Output phase to phase F) Frequency	
Audio Alarm	For tripping conditions		
Nature of Cooling	Natural air cooled upto 150 KVA & Forced air cooled above 150 KVA		
Effect of Power Factor	Nil		
Waveform Distortion	Nil		
Annunciation Panel	Non Latching LED indiactions with dual colour for Over load Latching Conditions		
Efficiency	> 95 to 98% (Based on the Capacity)		
Cabinet Colour	Dark Grey RAL 7016		
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^{0}C		
Related Standard	IS 9815		
Degree of Protection	IP 20		
Display	LED, LCD (Optional)		
Application	Indoor / Floor Mount		

*** Range can be customised to customer requirement**

◆ All specifiactions are subject to change

◆ Custom models available on request

****Above 30KVA is an Optional**

*****Conditions Apply**